

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE091718\  
 Data File : BE097494.D  
 Acq On : 17 Sep 2018 13:10  
 Operator : SJ/JU  
 Sample : SSTDICC3.2  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 BNA\_E  
 ClientSampleId :  
 SSTDICC3.2

Quant Time: Sep 17 13:57:21 2018  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE091718.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Sep 17 13:06:03 2018  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|---------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.38  | 152  | 1005     | 0.40 | ng    | 0.00     |
| 7) Naphthalene-d8         | 10.12 | 136  | 4845     | 0.40 | ng    | -0.01    |
| 13) Acenaphthene-d10      | 14.00 | 164  | 2909     | 0.40 | ng    | 0.00     |
| 19) Phenanthrene-d10      | 16.75 | 188  | 7394     | 0.40 | ng    | 0.00     |
| 27) Chrysene-d12          | 20.97 | 240  | 9466     | 0.40 | ng    | 0.00     |
| 34) Perylene-d12          | 23.20 | 264  | 9111     | 0.40 | ng    | 0.00     |

|                             |       |     |        |      |    |       |
|-----------------------------|-------|-----|--------|------|----|-------|
| System Monitoring Compounds |       |     |        |      |    |       |
| 4) 2-Fluorophenol           | 5.04  | 112 | 10321  | 3.47 | ng | -0.01 |
| 5) Phenol-d6                | 6.58  | 99  | 14745  | 3.71 | ng | -0.02 |
| 8) Nitrobenzene-d5          | 8.51  | 82  | 12879  | 3.71 | ng | -0.02 |
| 11) 2-Methylnaphthalene-d10 | 11.71 | 152 | 22499  | 3.33 | ng | -0.01 |
| 14) 2,4,6-Tribromophenol    | 15.51 | 330 | 5299   | 5.39 | ng | -0.02 |
| 15) 2-Fluorobiphenyl        | 12.61 | 172 | 32218  | 3.02 | ng | -0.01 |
| 25) Fluoranthene-d10        | 18.80 | 212 | 279079 | 3.29 | ng | 0.00  |
| 29) Terphenyl-d14           | 19.41 | 244 | 57134  | 3.27 | ng | 0.00  |

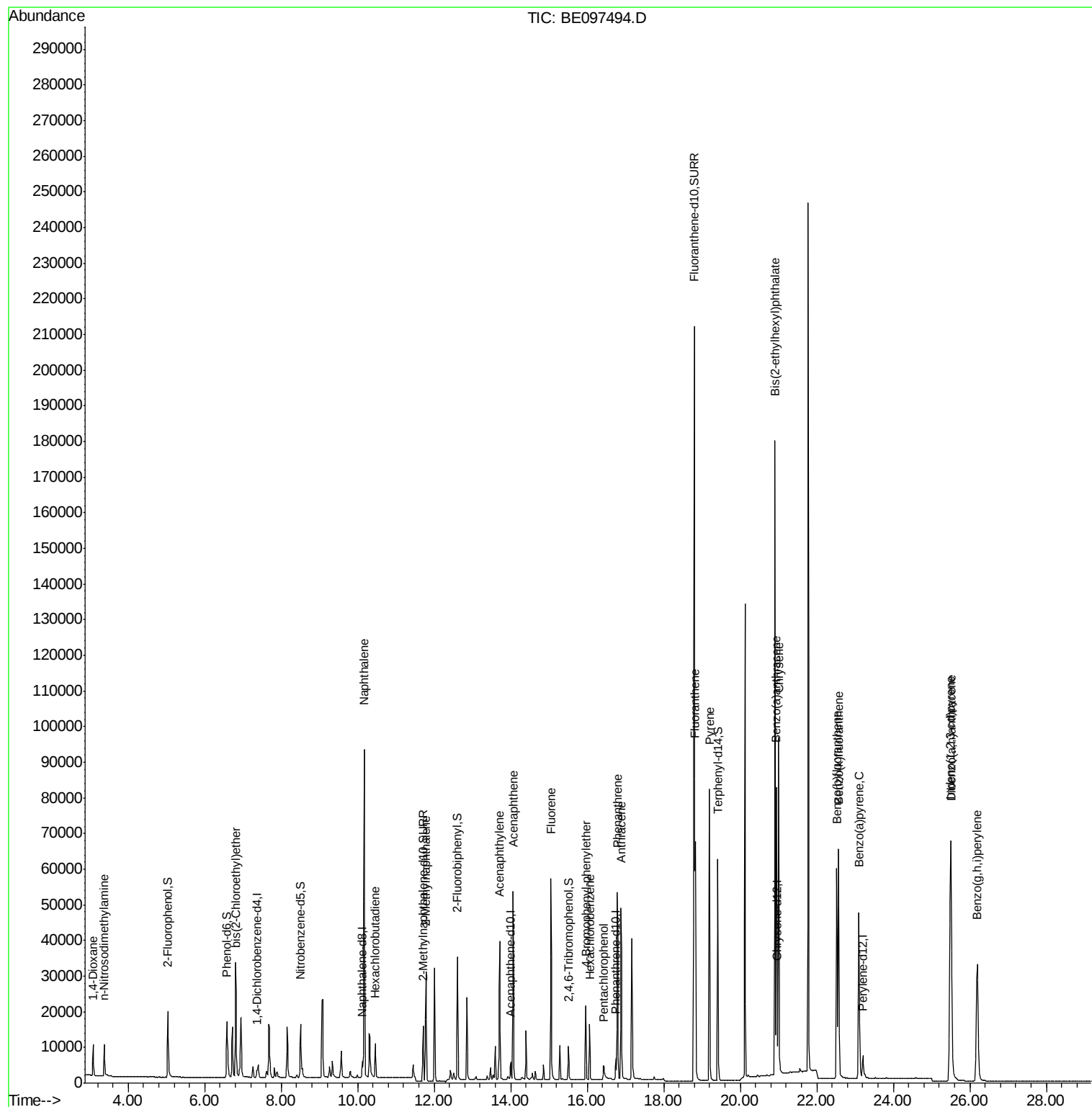
|                                |       |     |        |        |    |      |
|--------------------------------|-------|-----|--------|--------|----|------|
| Target Compounds               |       |     |        | Qvalue |    |      |
| 2) 1,4-Dioxane                 | 3.08  | 88  | 5173   | 2.897  | ng | # 87 |
| 3) n-Nitrosodimethylamine      | 3.37  | 42  | 5231   | 3.134  | ng | # 91 |
| 6) bis(2-Chloroethyl)ether     | 6.82  | 93  | 11710  | 3.202  | ng | 88   |
| 9) Naphthalene                 | 10.17 | 128 | 139814 | 3.170  | ng | 99   |
| 10) Hexachlorobutadiene        | 10.46 | 225 | 6359   | 3.226  | ng | 97   |
| 12) 2-Methylnaphthalene        | 11.78 | 142 | 23279  | 3.347  | ng | 99   |
| 16) Acenaphthylene             | 13.71 | 152 | 41181  | 3.559  | ng | 100  |
| 17) Acenaphthene               | 14.06 | 154 | 25093  | 3.253  | ng | 98   |
| 18) Fluorene                   | 15.05 | 166 | 31926  | 3.271  | ng | # 80 |
| 20) 4-Bromophenyl-phenylether  | 15.96 | 248 | 11660  | 3.468  | ng | # 72 |
| 21) Hexachlorobenzene          | 16.07 | 284 | 12216  | 3.286  | ng | # 85 |
| 22) Pentachlorophenol          | 16.44 | 266 | 3735   | 3.666  | ng | # 74 |
| 23) Phenanthrene               | 16.79 | 178 | 56162  | 3.191  | ng | 99   |
| 24) Anthracene                 | 16.88 | 178 | 53845  | 3.596  | ng | 96   |
| 26) Fluoranthene               | 18.83 | 202 | 72328  | 3.279  | ng | 98   |
| 28) Pyrene                     | 19.19 | 202 | 75542  | 3.353  | ng | 99   |
| 30) Benzo(a)anthracene         | 20.94 | 228 | 79127  | 3.305  | ng | 98   |
| 31) Chrysene                   | 21.00 | 228 | 79248  | 3.075  | ng | 99   |
| 32) Bis(2-ethylhexyl)phthalate | 20.91 | 149 | 172809 | 5.367  | ng | 100  |
| 33) Indeno(1,2,3-cd)pyrene     | 25.49 | 276 | 93847  | 2.565  | ng | # 92 |
| 35) Benzo(b)fluoranthene       | 22.53 | 252 | 76560  | 2.939  | ng | # 86 |
| 36) Benzo(k)fluoranthene       | 22.57 | 252 | 81622  | 2.834  | ng | 96   |
| 37) Benzo(a)pyrene             | 23.10 | 252 | 74144  | 3.154  | ng | # 92 |
| 38) Dibenzo(a,h)anthracene     | 25.51 | 278 | 78763  | 2.550  | ng | # 93 |
| 39) Benzo(g,h,i)perylene       | 26.19 | 276 | 77839  | 2.441  | ng | # 88 |

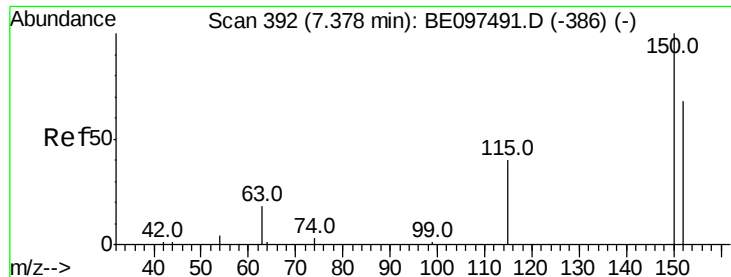
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE091718\  
Data File : BE097494.D  
Acq On : 17 Sep 2018 13:10  
Operator : SJ/JU  
Sample : SSTDIC3.2  
Misc :  
ALS Vial : 7 Sample Multiplier: 1

Instrument :  
BNA\_E  
ClientSampleId :  
SSTDIC3.2

Quant Time: Sep 17 13:55:30 2018  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE091718.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Mon Sep 17 13:06:03 2018  
Response via : Initial Calibration



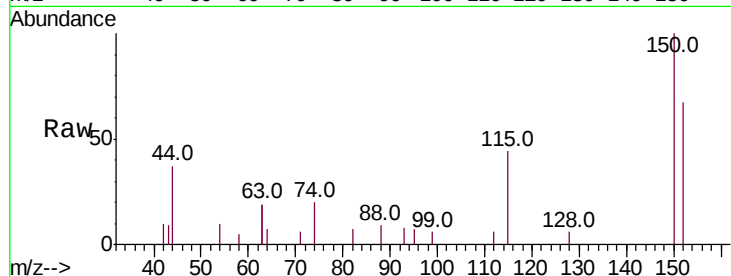


#1

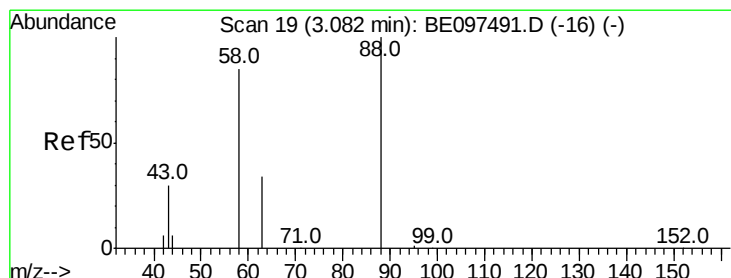
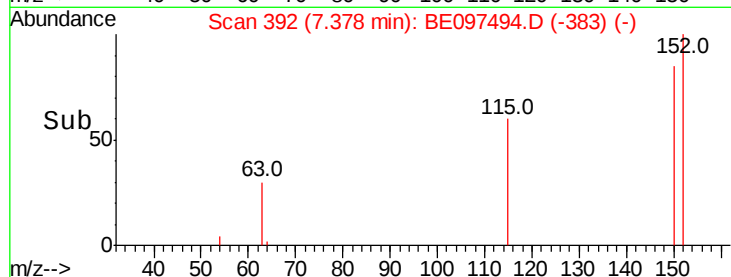
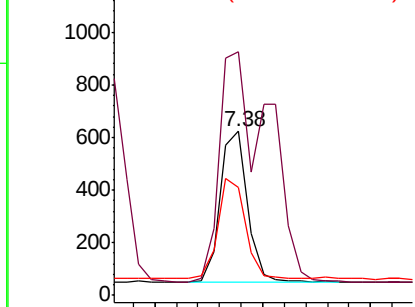
1,4-Dichlorobenzene-d4  
 Concen: 0.400 ng  
 RT: 7.38 min Scan# 392  
 Delta R.T. -0.00 min  
 Lab File: BE097494.D  
 Acq: 17 Sep 2018 13:10

Instrument :  
 BNA\_E  
 ClientSampleId :  
 SSTDICC3.2

Tot Ion:152 Resp: 1005  
 Ion Ratio Lower Upper  
 152 100  
 150 148.4 117.2 175.8  
 115 65.7 57.0 85.6



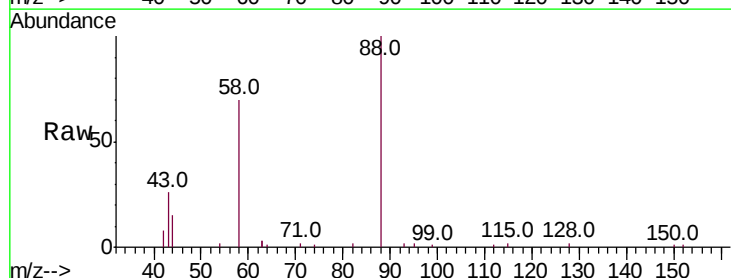
Abundance Ion 152.00 (151.70 to 152.70): E  
 Ion 150.00 (149.70 to 150.70): E  
 Ion 115.00 (114.70 to 115.70): E



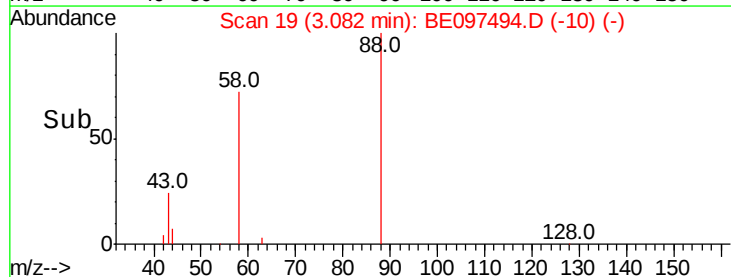
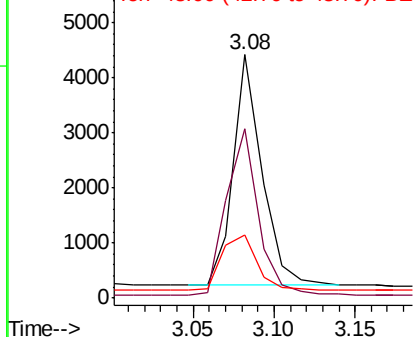
#2

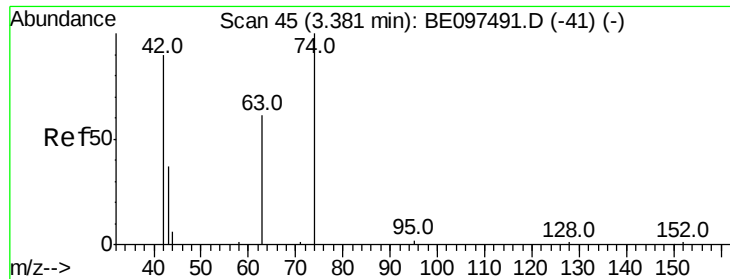
1,4-Dioxane  
 Concen: 2.897 ng  
 RT: 3.08 min Scan# 19  
 Delta R.T. -0.00 min  
 Lab File: BE097494.D  
 Acq: 17 Sep 2018 13:10

Tgt Ion: 88 Resp: 5173  
 Ion Ratio Lower Upper  
 88 100  
 58 79.5 63.2 94.8  
 43 28.8 41.2 61.8#



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: 3.134 ng

RT: 3.37 min Scan# 44

Delta R.T. -0.01 min

Lab File: BE097494.D

Acq: 17 Sep 2018 13:10

Instrument :

BNA\_E

ClientSampleId :

SSTDICC3.2

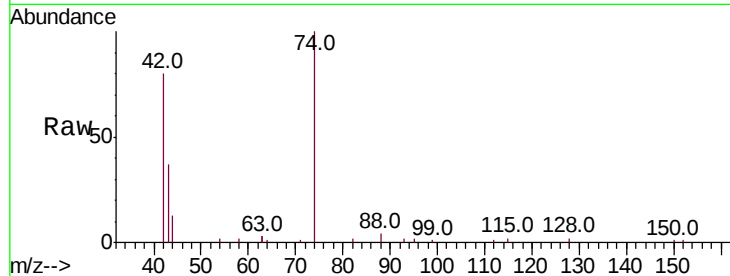
Tot Ion: 42 Resp: 5231

Ion Ratio Lower Upper

42 100

74 128.1 96.0 144.0

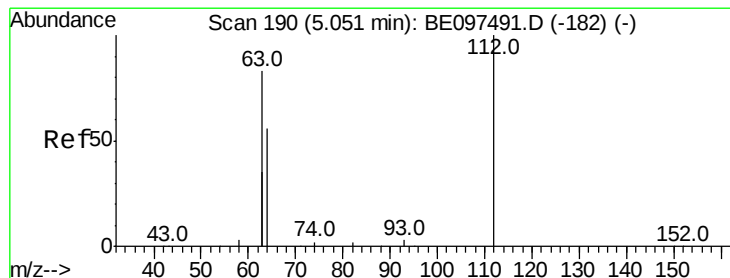
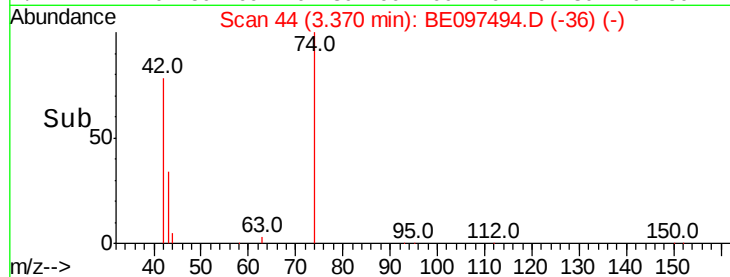
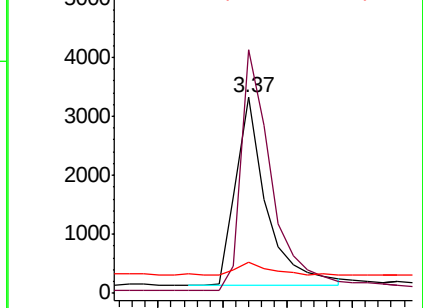
44 6.6 12.0 18.0#



Abundance Ion 42.00 (41.70 to 42.70): BE0

Ion 74.00 (73.70 to 74.70): BE0

Ion 44.00 (43.70 to 44.70): BE0



#4

2-Fluorophenol

Concen: 3.473 ng

RT: 5.04 min Scan# 189

Delta R.T. -0.01 min

Lab File: BE097494.D

Acq: 17 Sep 2018 13:10

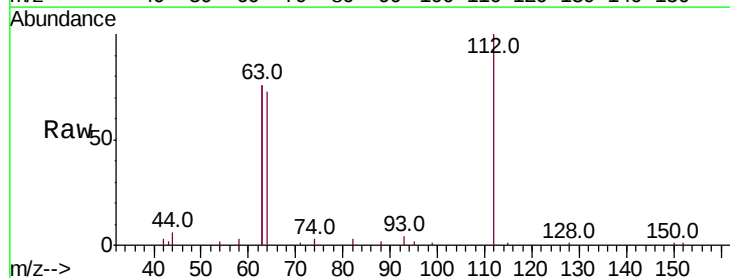
Tgt Ion: 112 Resp: 10321

Ion Ratio Lower Upper

112 100

64 66.6 60.1 90.1

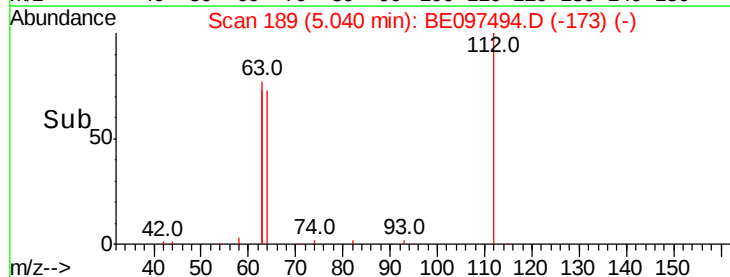
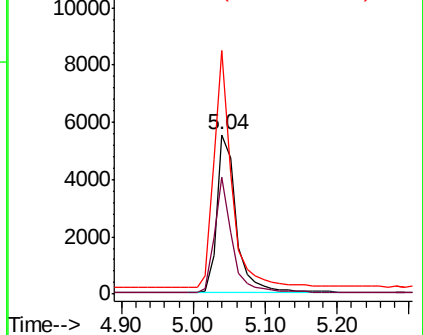
63 136.6 116.8 175.2

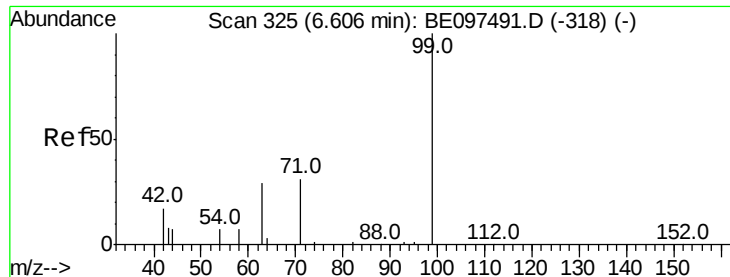


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 3.713 ng

RT: 6.58 min Scan# 323

Delta R.T. -0.02 min

Lab File: BE097494.D

Acq: 17 Sep 2018 13:10

Instrument :

BNA\_E

ClientSampleId :

SSTDICC3.2

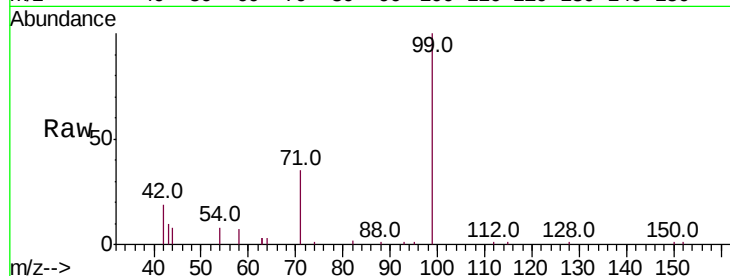
Tot Ion: 99 Resp: 14745

Ion Ratio Lower Upper

99 100

42 20.2 20.2 30.2

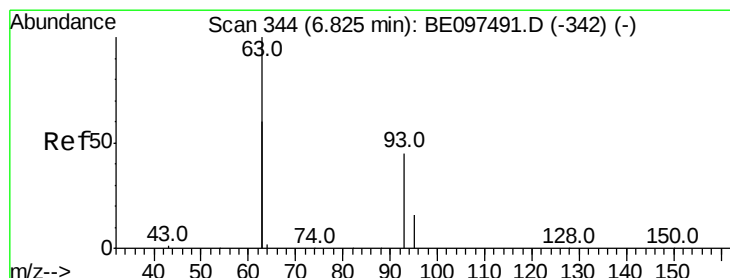
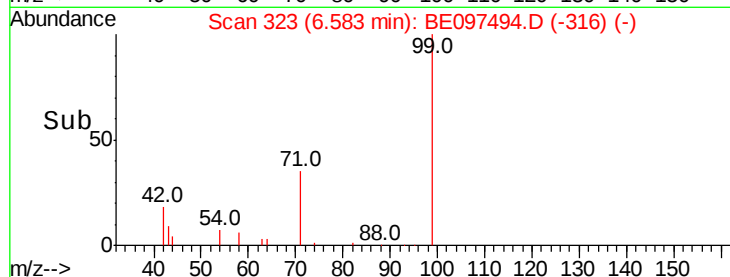
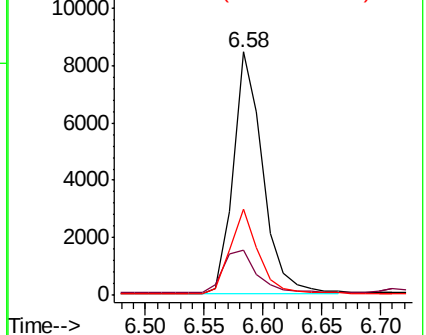
71 33.3 28.4 42.6



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: 3.202 ng

RT: 6.82 min Scan# 344

Delta R.T. -0.00 min

Lab File: BE097494.D

Acq: 17 Sep 2018 13:10

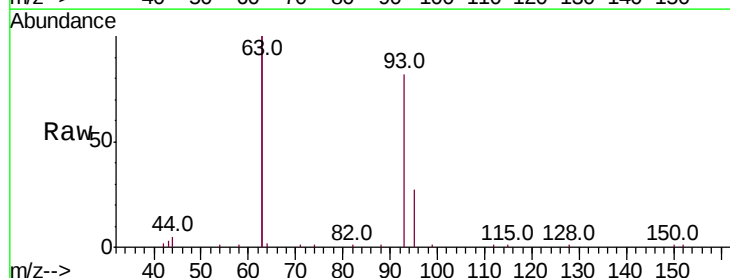
Tgt Ion: 93 Resp: 11710

Ion Ratio Lower Upper

93 100

63 316.0 275.3 412.9

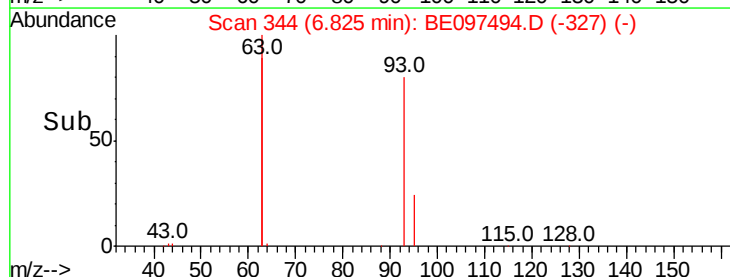
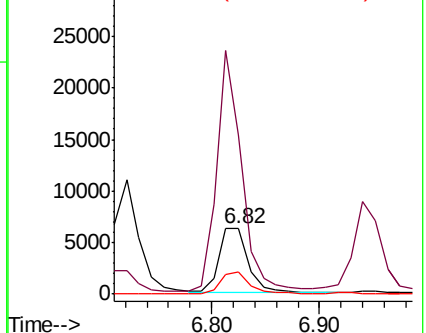
95 31.5 25.2 37.8

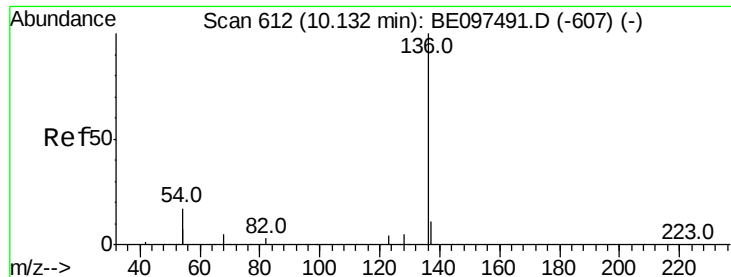


Abundance Ion 93.00 (92.70 to 93.70): BE0

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: 10.12 min Scan# 611

Delta R.T. -0.01 min

Lab File: BE097494.D

Acq: 17 Sep 2018 13:10

Instrument :

BNA\_E

ClientSampleId :

SSTDICC3.2

Tot Ion:136 Resp: 4845

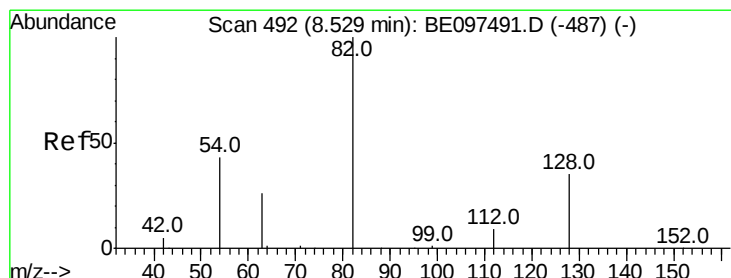
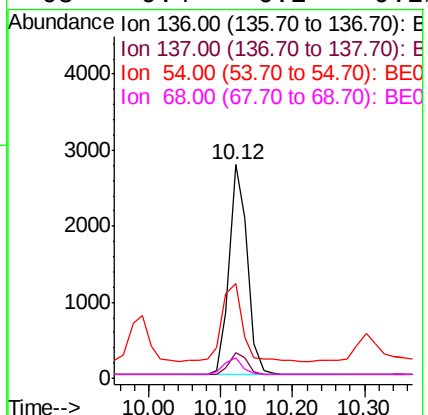
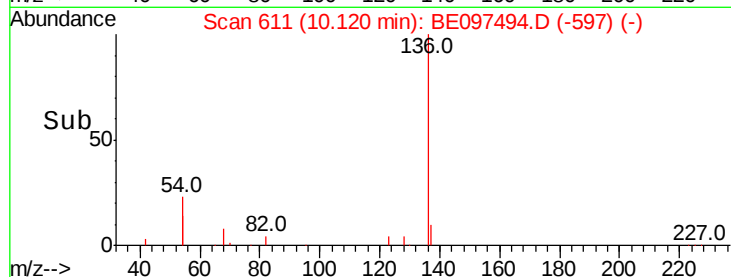
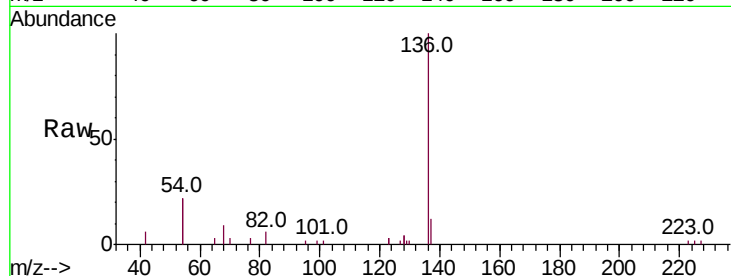
Ion Ratio Lower Upper

136 100

137 12.1 9.5 14.3

54 44.3 29.1 43.7#

68 9.4 6.2 9.2#



#8

Nitrobenzene-d5

Concen: 3.709 ng

RT: 8.51 min Scan# 490

Delta R.T. -0.02 min

Lab File: BE097494.D

Acq: 17 Sep 2018 13:10

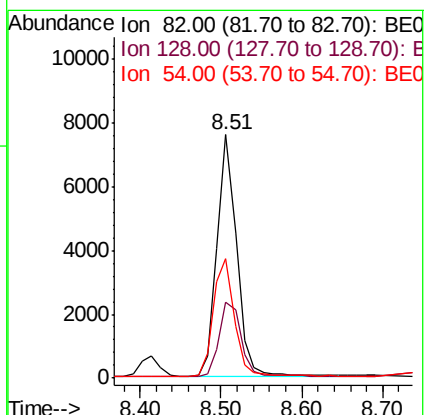
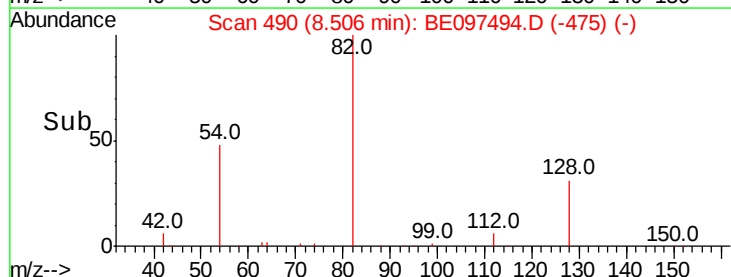
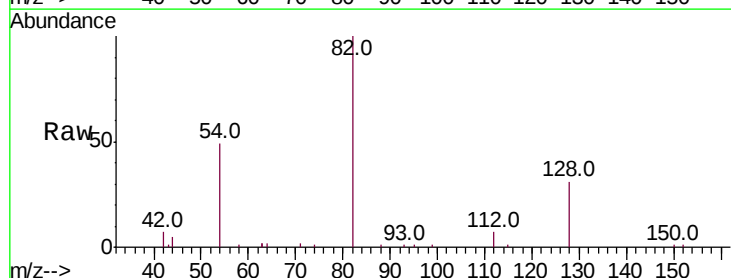
Tgt Ion: 82 Resp: 12879

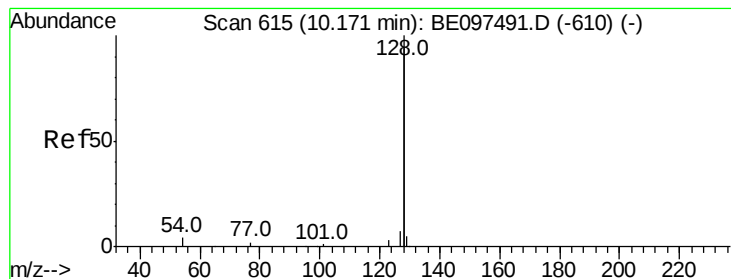
Ion Ratio Lower Upper

82 100

128 31.2 24.0 36.0

54 48.8 40.0 60.0





#9

Naphthalene

Concen: 3.170 ng

RT: 10.17 min Scan# 615

Delta R.T. 0.00 min

Lab File: BE097494.D

Acq: 17 Sep 2018 13:10

Instrument :

BNA\_E

ClientSampleId :

SSTDICC3.2

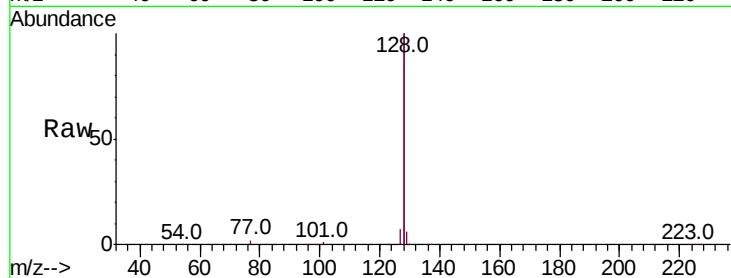
Tot Ion:128 Resp: 139814

Ion Ratio Lower Upper

128 100

129 2.9 2.6 3.8

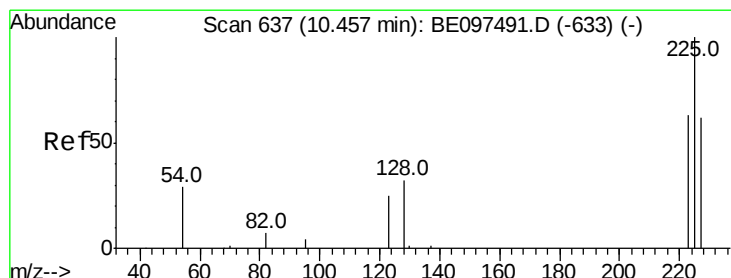
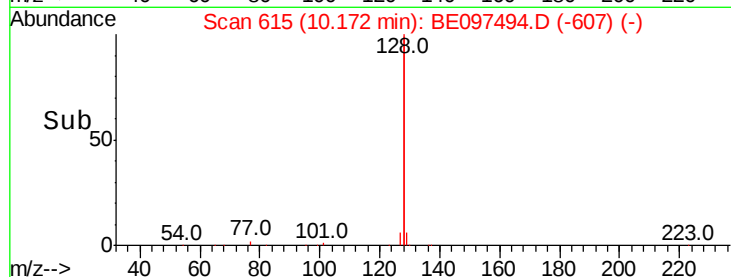
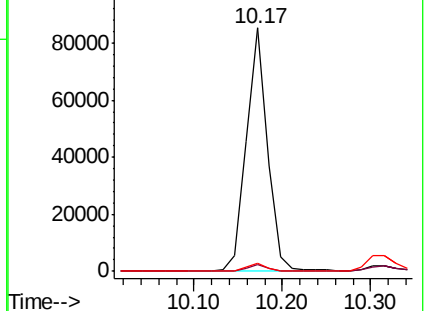
127 3.3 2.8 4.2



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: 3.226 ng

RT: 10.46 min Scan# 637

Delta R.T. 0.00 min

Lab File: BE097494.D

Acq: 17 Sep 2018 13:10

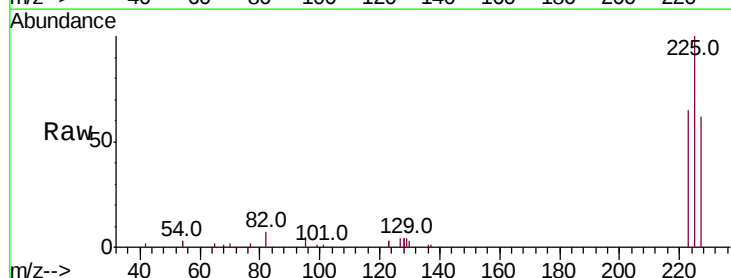
Tgt Ion:225 Resp: 6359

Ion Ratio Lower Upper

225 100

223 62.8 53.0 79.6

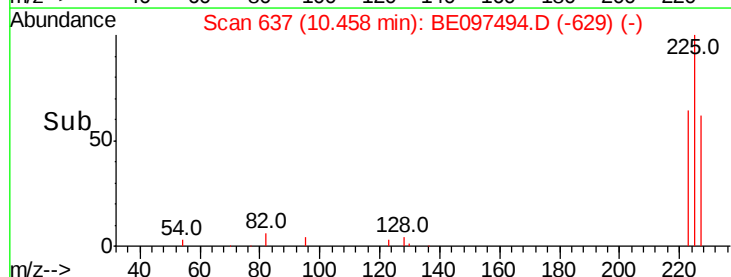
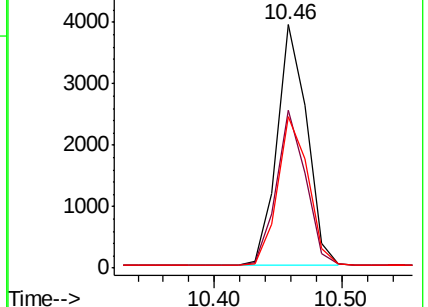
227 63.1 51.4 77.2

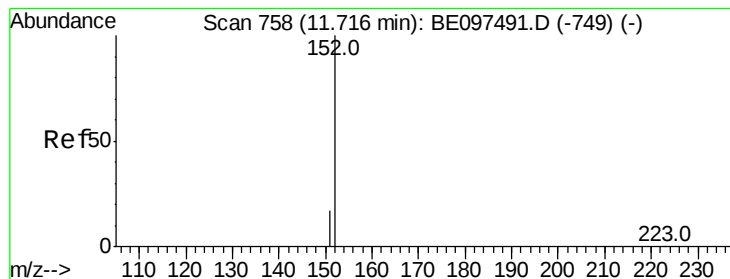


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 3.331 ng

RT: 11.71 min Scan# 756

Delta R.T. -0.01 min

Lab File: BE097494.D

Acq: 17 Sep 2018 13:10

Instrument :

BNA\_E

ClientSampleId :

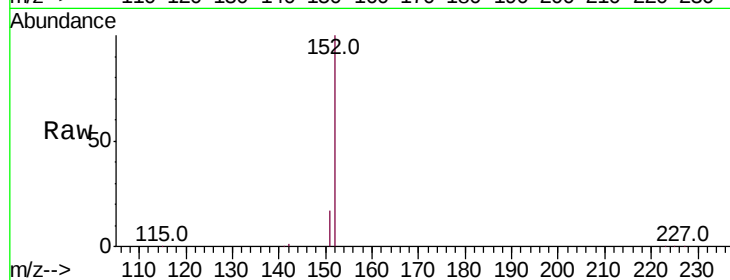
SSTDICC3.2

Tot Ion:152 Resp: 22499

Ion Ratio Lower Upper

152 100

151 19.0 15.4 23.0



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

11.71

15000

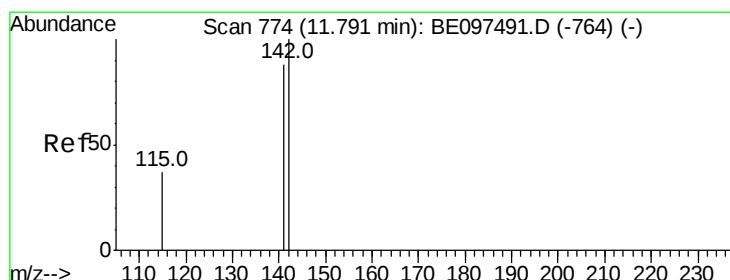
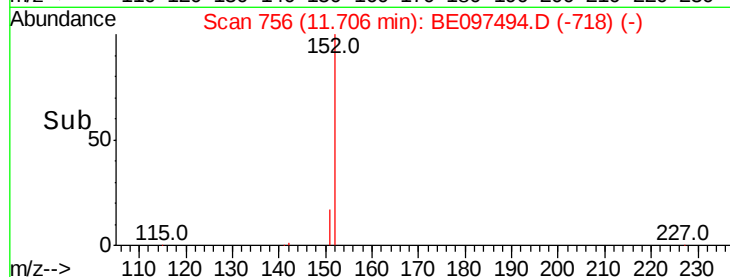
10000

5000

0

Time-->

11.60 11.70 11.80 11.90



#12

2-Methylnaphthalene

Concen: 3.347 ng

RT: 11.78 min Scan# 772

Delta R.T. -0.01 min

Lab File: BE097494.D

Acq: 17 Sep 2018 13:10

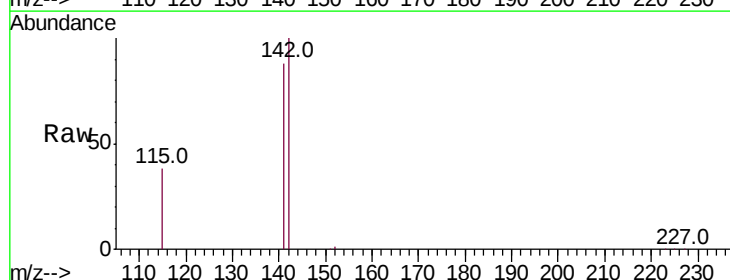
Tgt Ion:142 Resp: 23279

Ion Ratio Lower Upper

142 100

141 87.6 70.4 105.6

115 38.2 31.7 47.5



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

11.78

15000

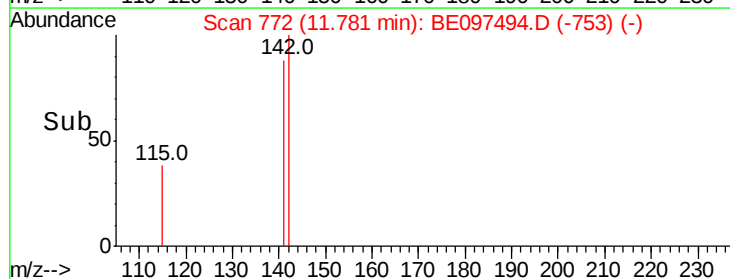
10000

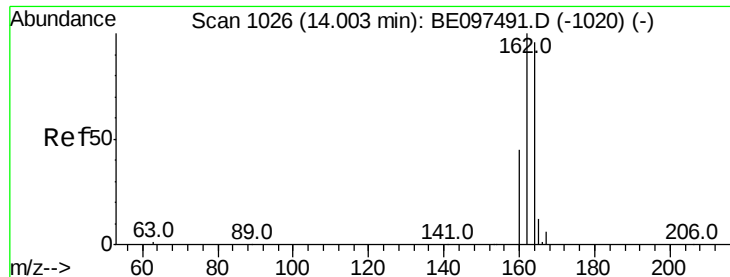
5000

0

Time-->

11.70 11.80





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.00 min Scan# 1027

Delta R.T. 0.00 min

Lab File: BE097494.D

Acq: 17 Sep 2018 13:10

Instrument :

BNA\_E

ClientSampleId :

SSTDICC3.2

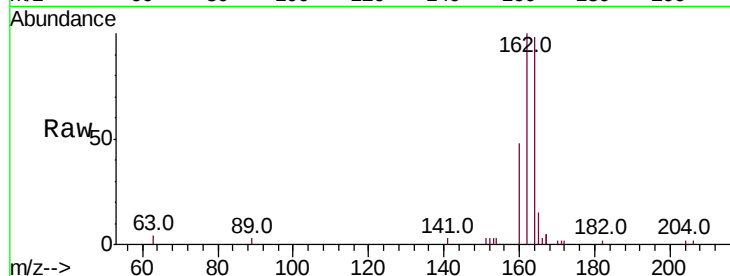
Tot Ion:164 Resp: 2909

Ion Ratio Lower Upper

164 100

162 102.4 83.1 124.7

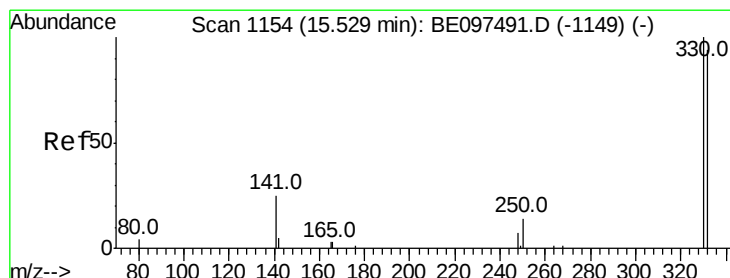
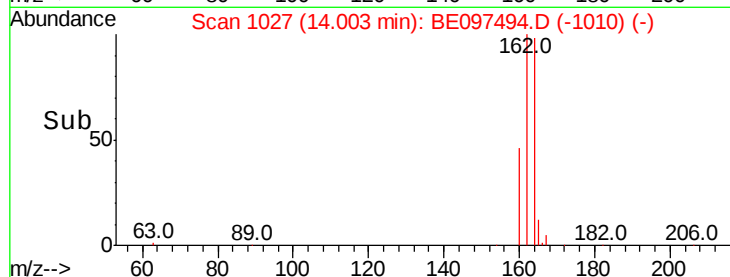
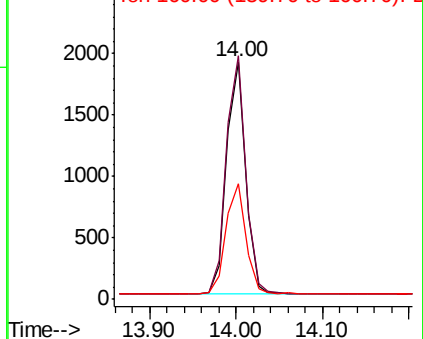
160 48.7 37.1 55.7



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: 5.386 ng

RT: 15.51 min Scan# 1153

Delta R.T. -0.02 min

Lab File: BE097494.D

Acq: 17 Sep 2018 13:10

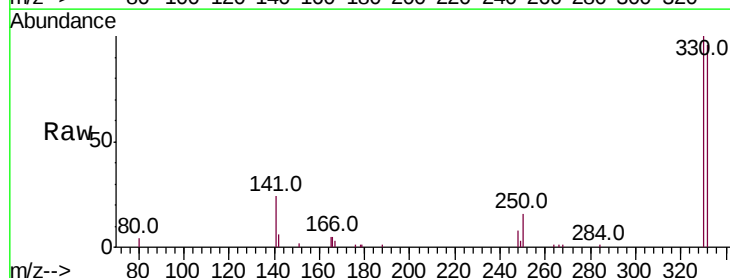
Tgt Ion:330 Resp: 5299

Ion Ratio Lower Upper

330 100

332 97.5 152.7 229.1#

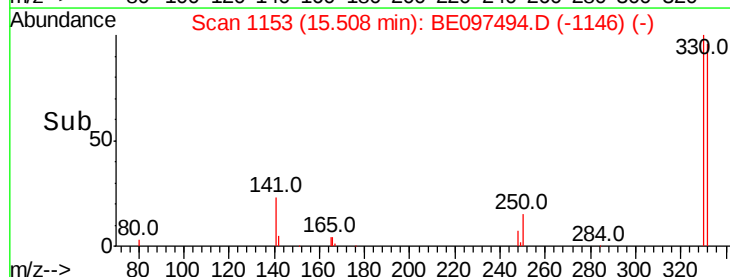
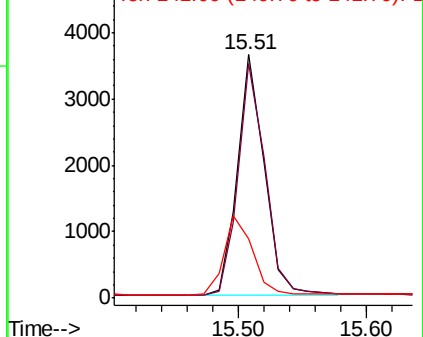
141 35.1 33.7 50.5

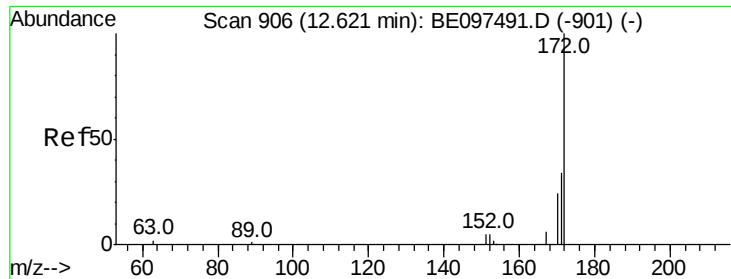


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

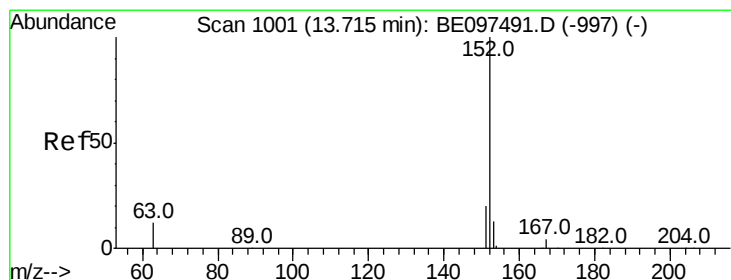
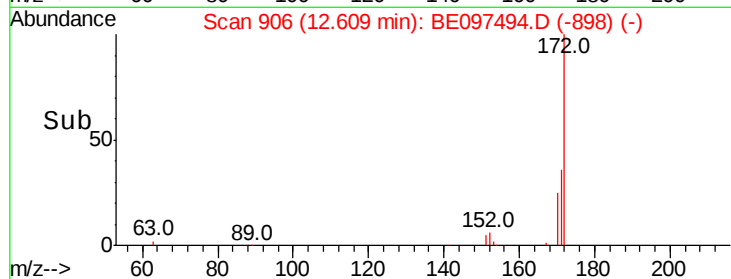
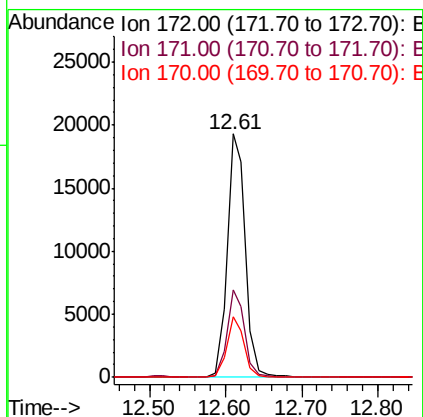
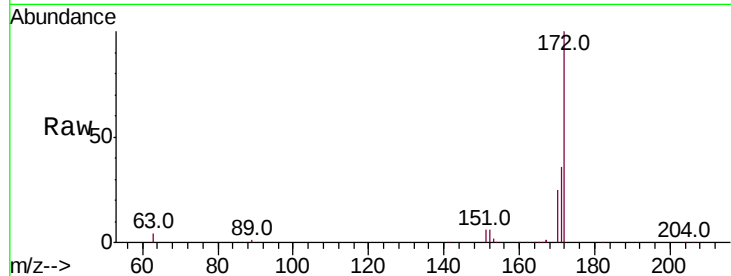




#15  
2-Fluorobiphenyl  
Concen: 3.017 ng  
RT: 12.61 min Scan# 906  
Delta R.T. -0.01 min  
Lab File: BE097494.D  
Acq: 17 Sep 2018 13:10

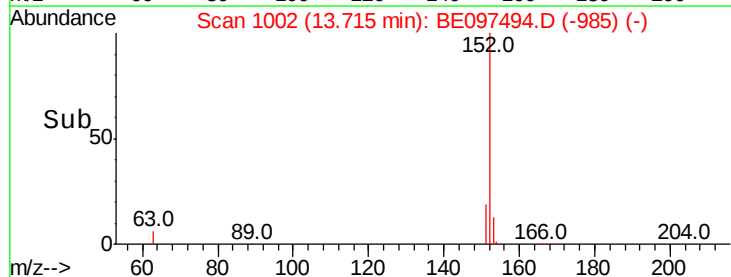
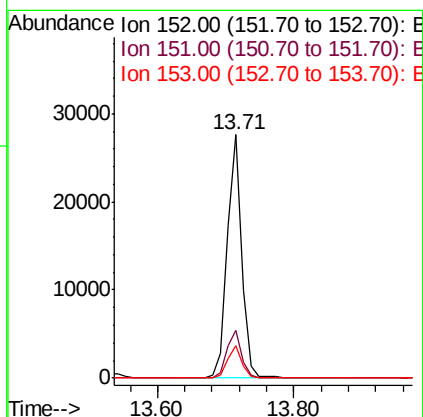
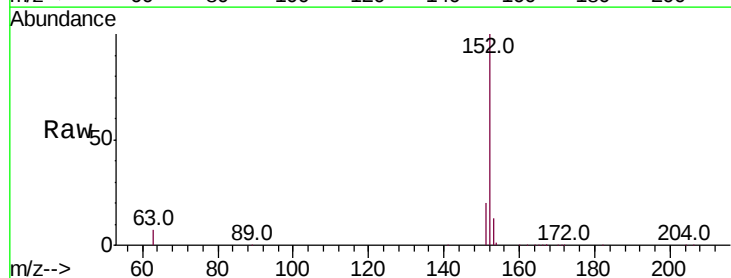
Instrument :  
BNA\_E  
ClientSampleId :  
SSTDICC3.2

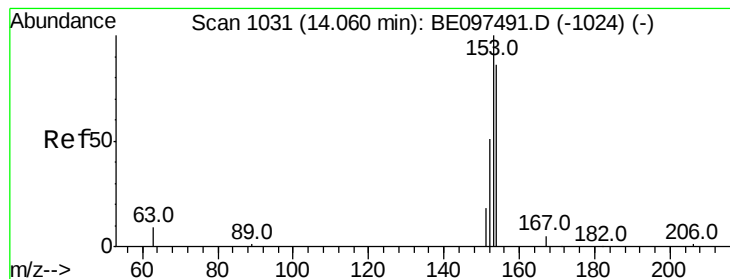
Tot Ion:172 Resp: 32218  
Ion Ratio Lower Upper  
172 100  
171 36.0 29.9 44.9  
170 24.9 21.8 32.8



#16  
Acenaphthylene  
Concen: 3.559 ng  
RT: 13.71 min Scan# 1002  
Delta R.T. 0.00 min  
Lab File: BE097494.D  
Acq: 17 Sep 2018 13:10

Tgt Ion:152 Resp: 41181  
Ion Ratio Lower Upper  
152 100  
151 19.6 15.7 23.5  
153 13.0 10.5 15.7





#17

Acenaphthene

Concen: 3.253 ng

RT: 14.06 min Scan# 1032

Delta R.T. 0.00 min

Lab File: BE097494.D

Acq: 17 Sep 2018 13:10

Instrument :

BNA\_E

ClientSampleId :

SSTDICC3.2

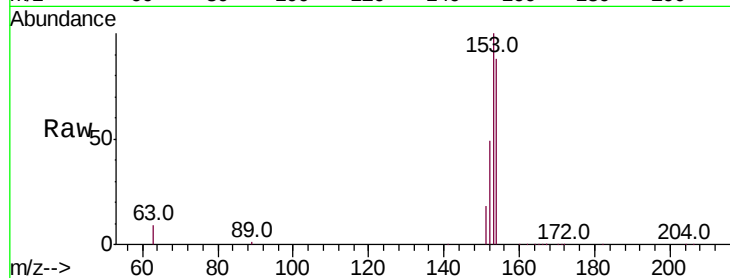
Tot Ion:154 Resp: 25093

Ion Ratio Lower Upper

154 100

153 112.9 89.2 133.8

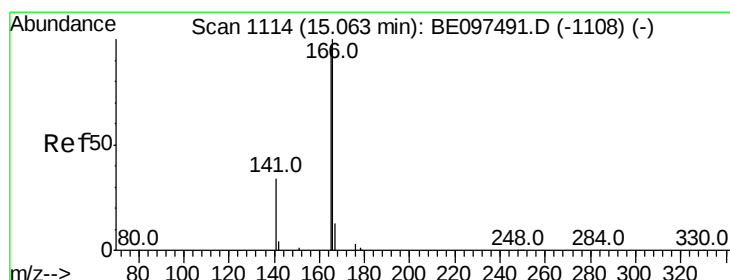
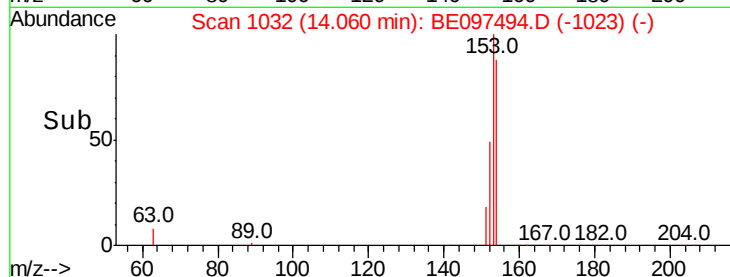
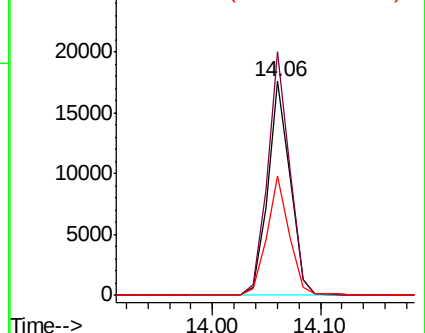
152 55.2 42.0 63.0



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#18

Fluorene

Concen: 3.271 ng

RT: 15.05 min Scan# 1114

Delta R.T. -0.01 min

Lab File: BE097494.D

Acq: 17 Sep 2018 13:10

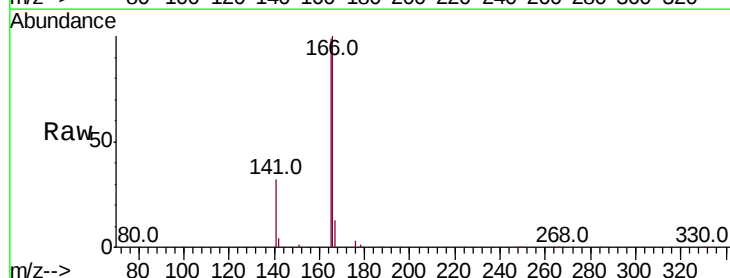
Tgt Ion:166 Resp: 31926

Ion Ratio Lower Upper

166 100

165 98.1 77.8 116.6

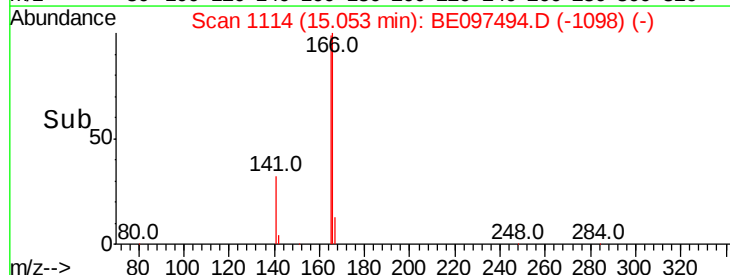
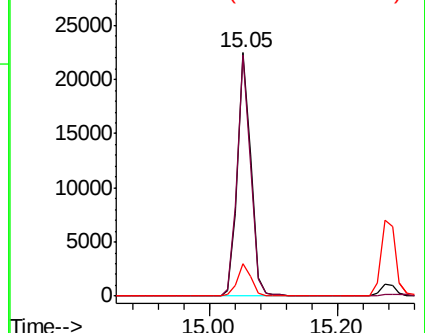
167 13.3 42.4 63.6#

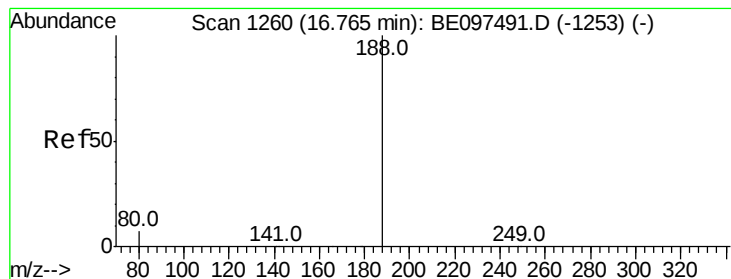


Abundance Ion 166.00 (165.70 to 166.70): E

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: 16.75 min Scan# 1260

Delta R.T. -0.01 min

Lab File: BE097494.D

Acq: 17 Sep 2018 13:10

Instrument :

BNA\_E

ClientSampleId :

SSTDICC3.2

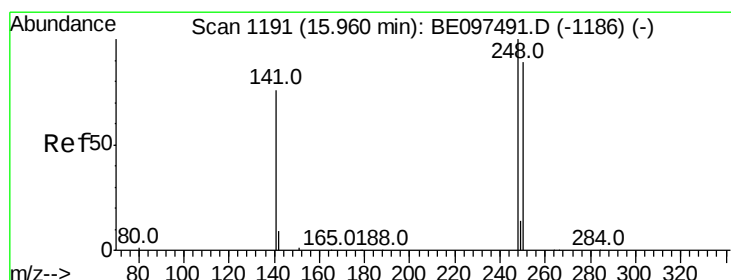
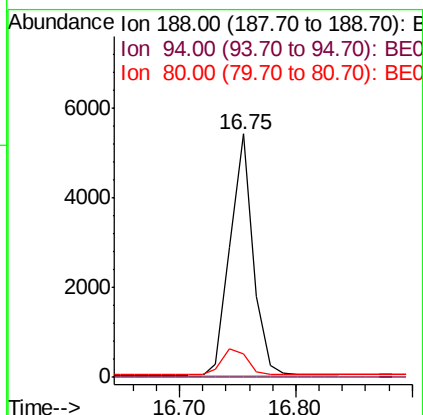
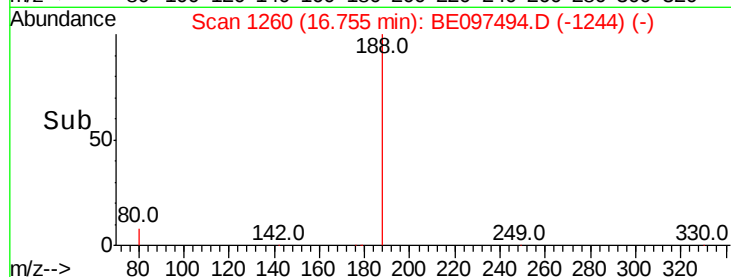
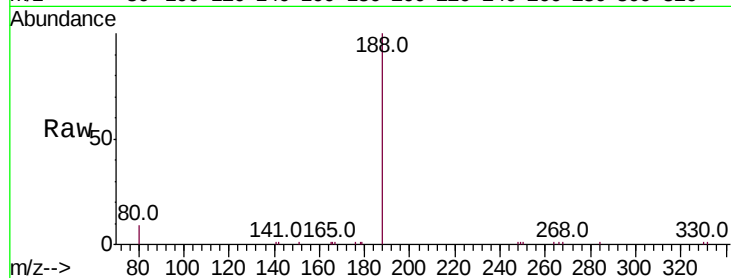
Tot Ion:188 Resp: 7394

Ion Ratio Lower Upper

188 100

94 0.0 3.9 5.9#

80 9.4 3.6 5.4#



#20

4-Bromophenyl-phenylether

Concen: 3.468 ng

RT: 15.96 min Scan# 1192

Delta R.T. 0.00 min

Lab File: BE097494.D

Acq: 17 Sep 2018 13:10

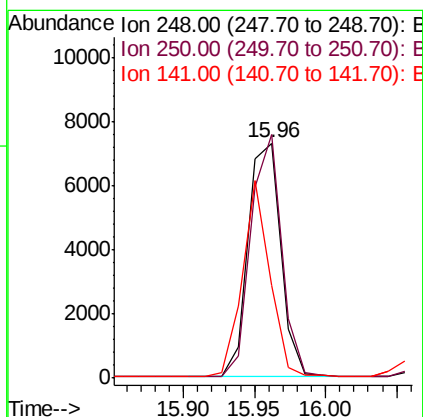
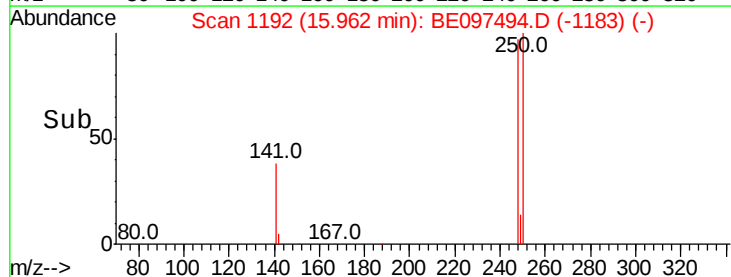
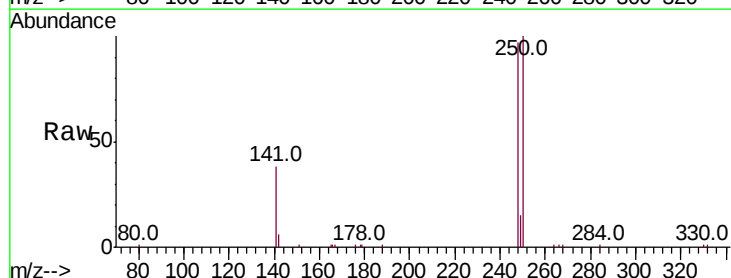
Tgt Ion:248 Resp: 11660

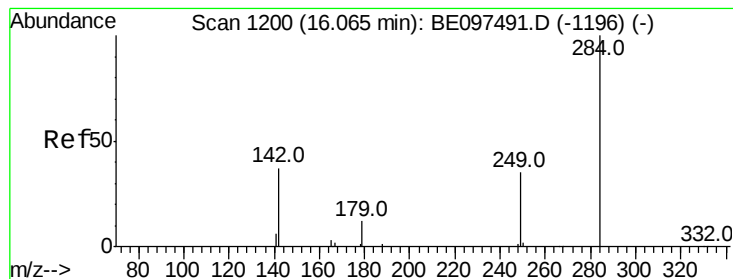
Ion Ratio Lower Upper

248 100

250 103.6 62.7 94.1#

141 39.5 48.2 72.2#





#21

Hexachlorobenzene

Concen: 3.286 ng

RT: 16.07 min Scan# 1201

Delta R.T. 0.00 min

Lab File: BE097494.D

Acq: 17 Sep 2018 13:10

Instrument :

BNA\_E

ClientSampleId :

SSTDICC3.2

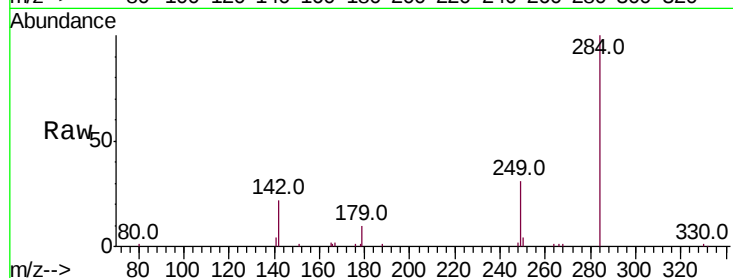
Tot Ion:284 Resp: 12216

Ion Ratio Lower Upper

284 100

142 31.7 22.1 33.1

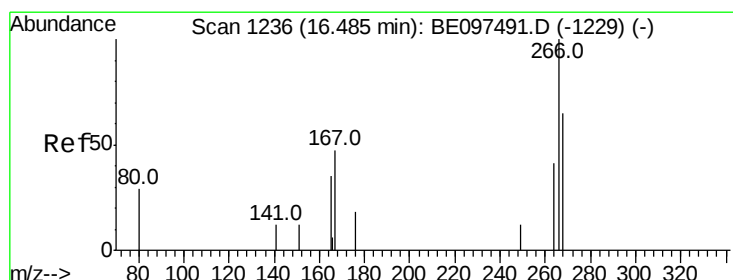
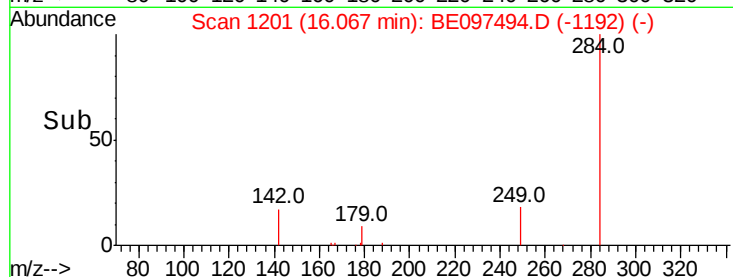
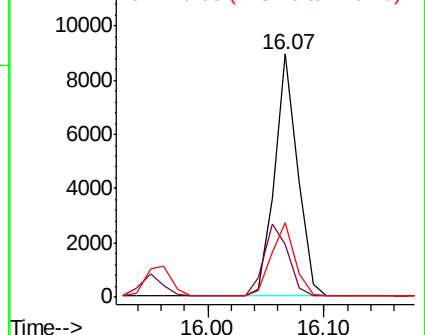
249 30.9 34.8 52.2#



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: 3.666 ng

RT: 16.44 min Scan# 1233

Delta R.T. -0.04 min

Lab File: BE097494.D

Acq: 17 Sep 2018 13:10

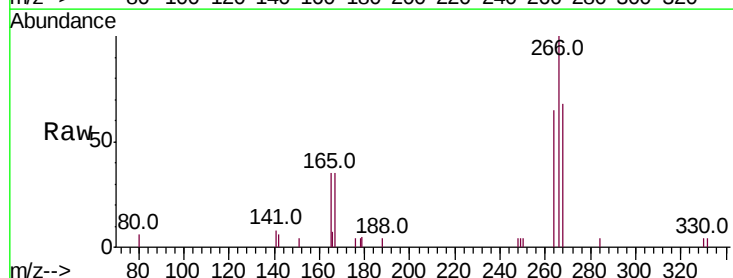
Tgt Ion:266 Resp: 3735

Ion Ratio Lower Upper

266 100

264 65.1 72.5 108.7#

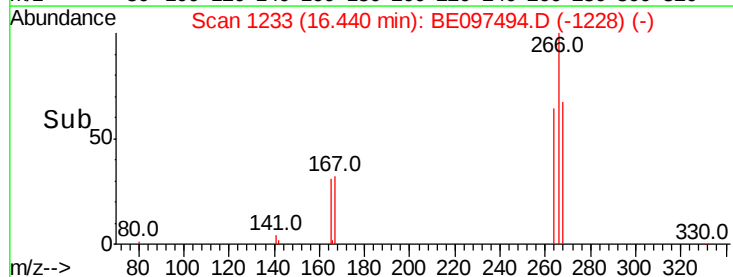
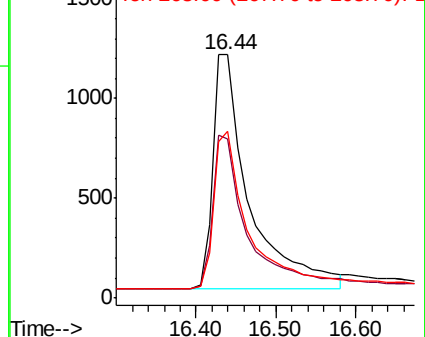
268 68.4 73.8 110.6#

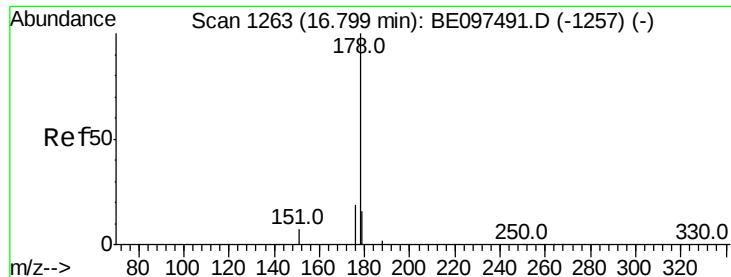


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 3.191 ng

RT: 16.79 min Scan# 1263

Delta R.T. -0.01 min

Lab File: BE097494.D

Acq: 17 Sep 2018 13:10

Instrument :

BNA\_E

ClientSampleId :

SSTDICC3.2

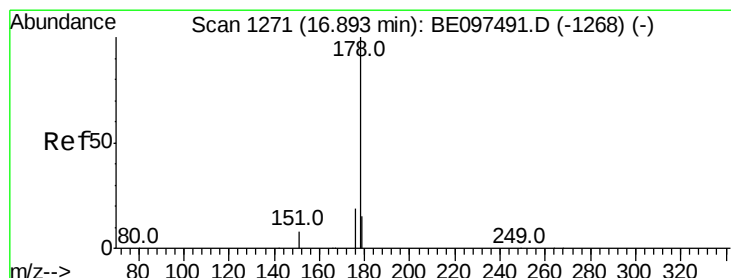
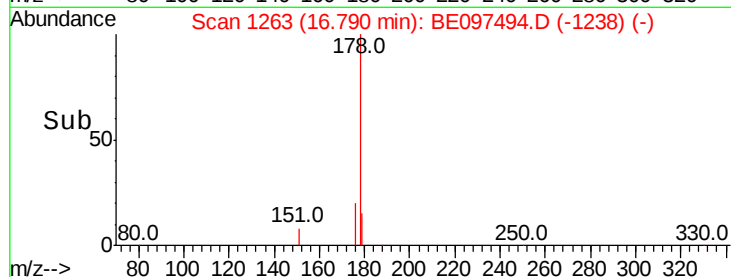
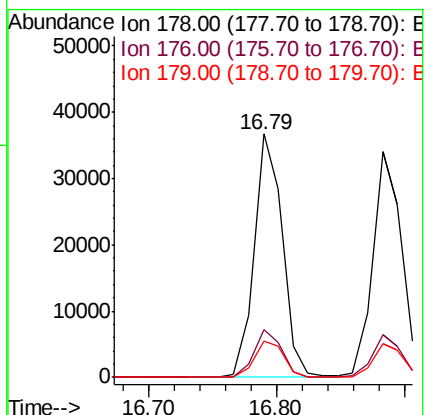
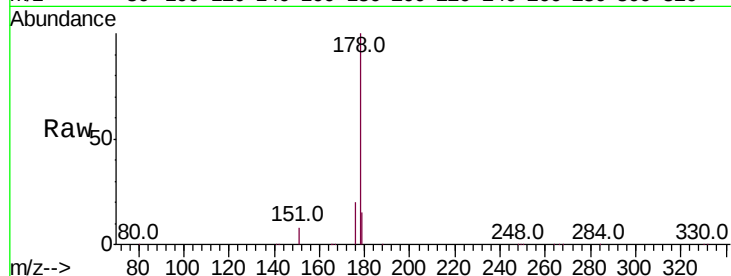
Tot Ion:178 Resp: 56162

Ion Ratio Lower Upper

178 100

176 19.2 15.1 22.7

179 15.4 11.8 17.6



#24

Anthracene

Concen: 3.596 ng

RT: 16.88 min Scan# 1271

Delta R.T. -0.01 min

Lab File: BE097494.D

Acq: 17 Sep 2018 13:10

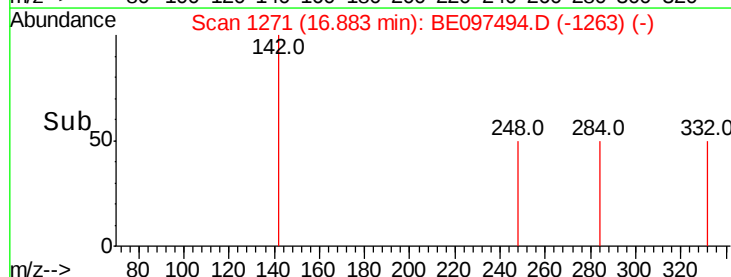
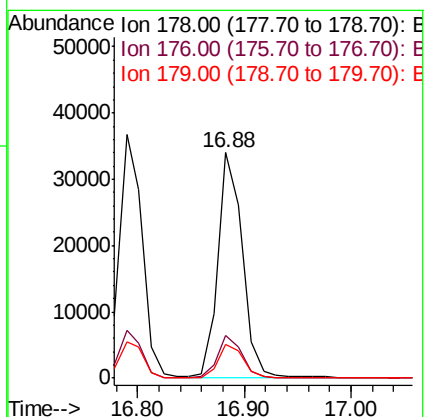
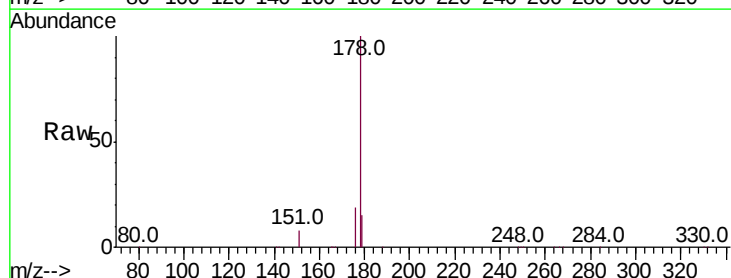
Tgt Ion:178 Resp: 53845

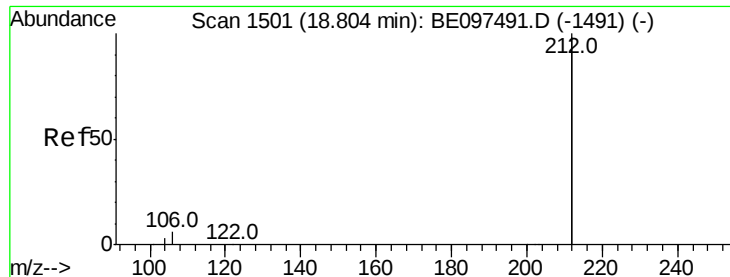
Ion Ratio Lower Upper

178 100

176 18.6 12.8 19.2

179 15.3 13.0 19.6





#25

Fluoranthene-d10

Concen: 3.289 ng

RT: 18.80 min Scan# 1500

Delta R.T. -0.01 min

Lab File: BE097494.D

Acq: 17 Sep 2018 13:10

Instrument :

BNA\_E

ClientSampleId :

SSTDICC3.2

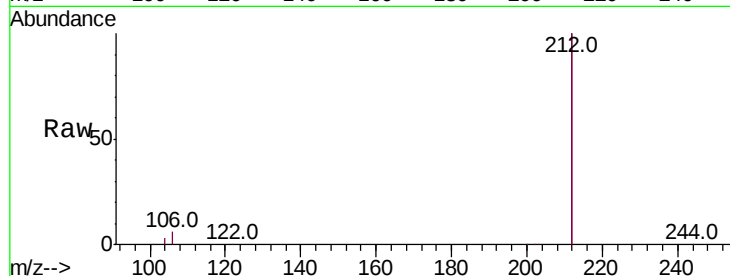
Tot Ion:212 Resp: 279079

Ion Ratio Lower Upper

212 100

106 3.1 2.8 4.2

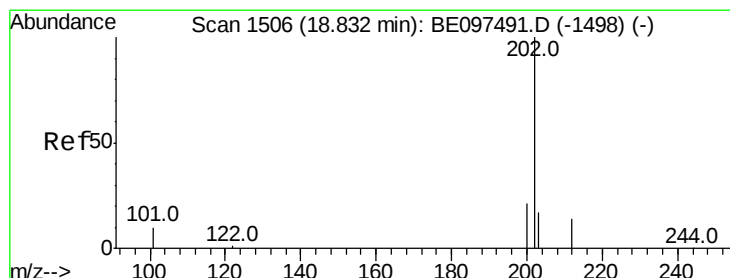
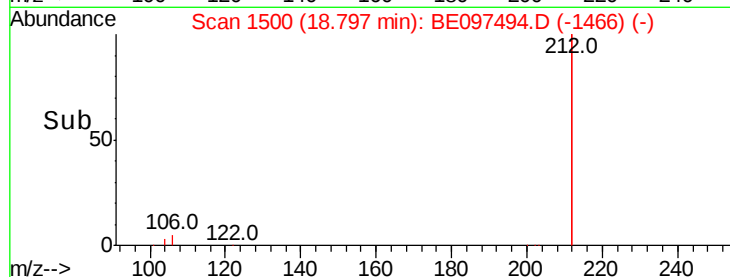
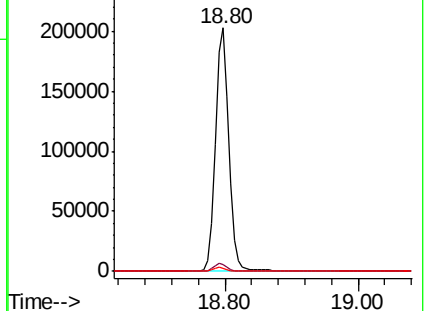
104 1.7 1.6 2.4



Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E



#26

Fluoranthene

Concen: 3.279 ng

RT: 18.83 min Scan# 1505

Delta R.T. -0.01 min

Lab File: BE097494.D

Acq: 17 Sep 2018 13:10

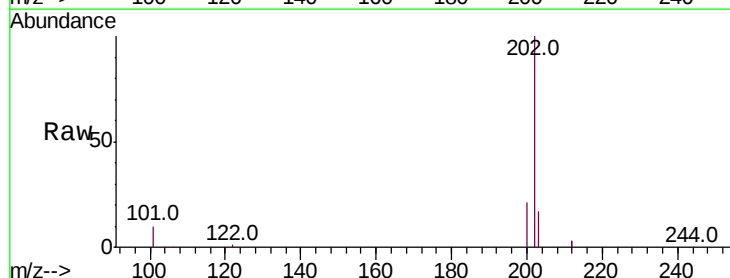
Tgt Ion:202 Resp: 72328

Ion Ratio Lower Upper

202 100

101 11.1 9.8 14.8

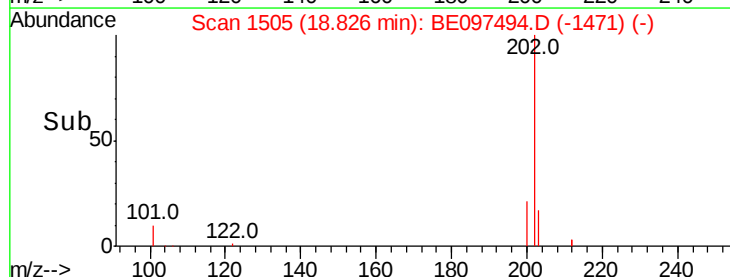
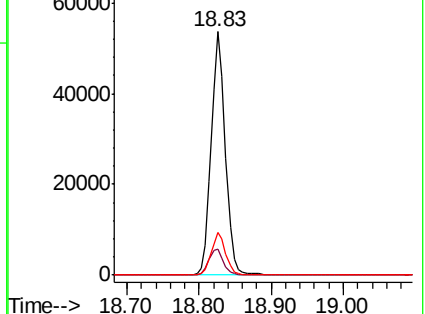
203 17.4 13.7 20.5

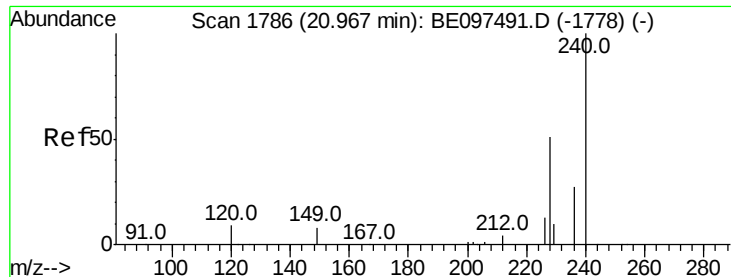


Abundance Ion 202.00 (201.70 to 202.70): E

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: 20.97 min Scan# 1786

Delta R.T. -0.00 min

Lab File: BE097494.D

Acq: 17 Sep 2018 13:10

Instrument :

BNA\_E

ClientSampleId :

SSTDICC3.2

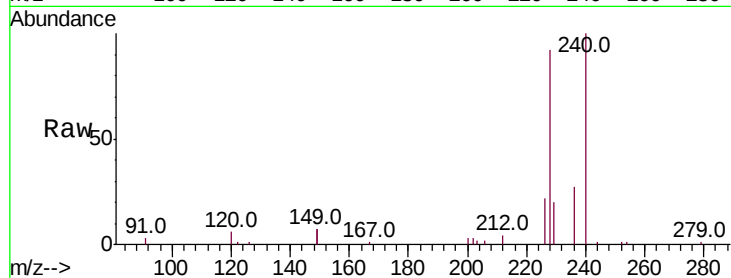
Tot Ion:240 Resp: 9466

Ion Ratio Lower Upper

240 100

120 5.9 5.5 8.3

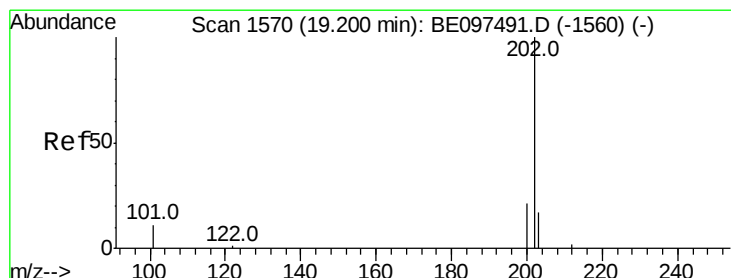
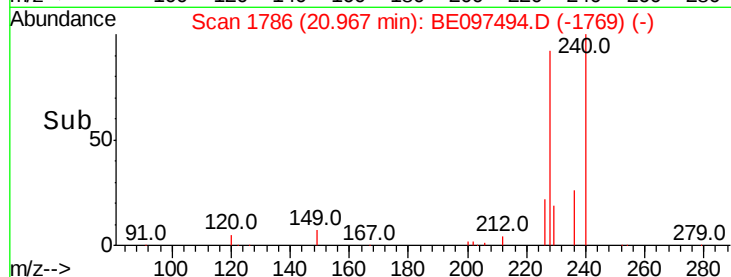
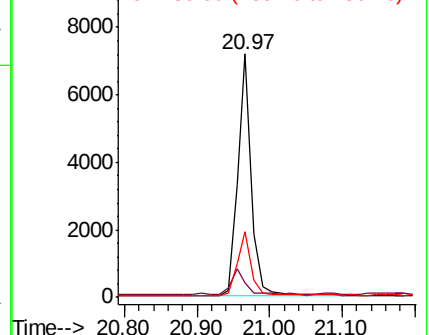
236 26.8 20.7 31.1



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: 3.353 ng

RT: 19.19 min Scan# 1569

Delta R.T. -0.01 min

Lab File: BE097494.D

Acq: 17 Sep 2018 13:10

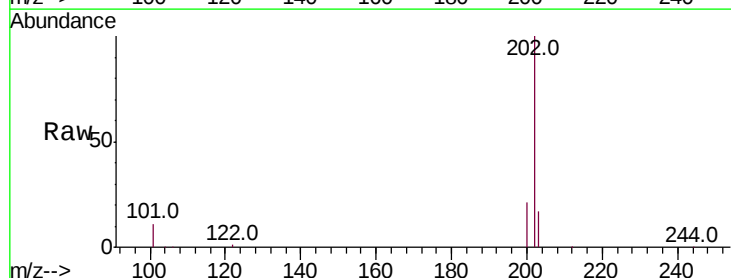
Tgt Ion:202 Resp: 75542

Ion Ratio Lower Upper

202 100

200 21.1 16.6 25.0

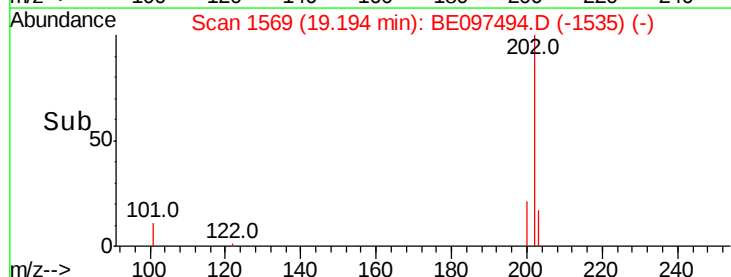
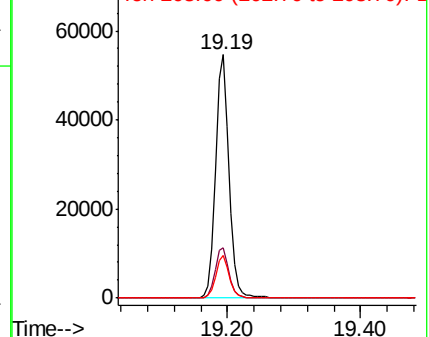
203 17.5 13.8 20.8

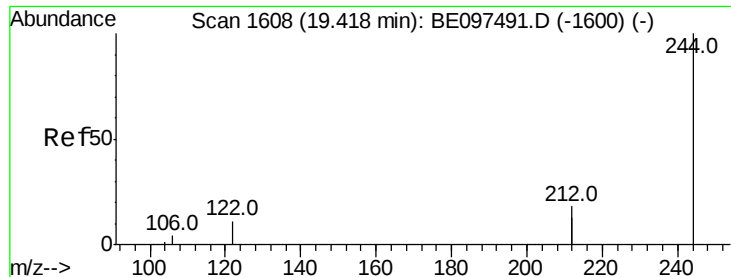


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 3.271 ng

RT: 19.41 min Scan# 1607

Delta R.T. -0.01 min

Lab File: BE097494.D

Acq: 17 Sep 2018 13:10

Instrument :

BNA\_E

ClientSampleId :

SSTDICC3.2

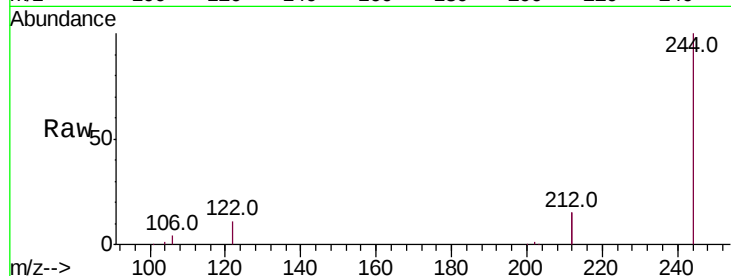
Tot Ion:244 Resp: 57134

Ion Ratio Lower Upper

244 100

212 30.3 25.4 38.0

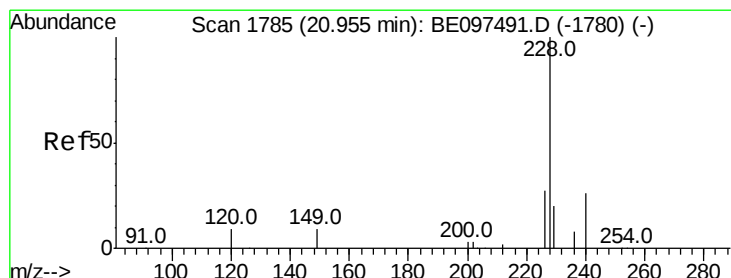
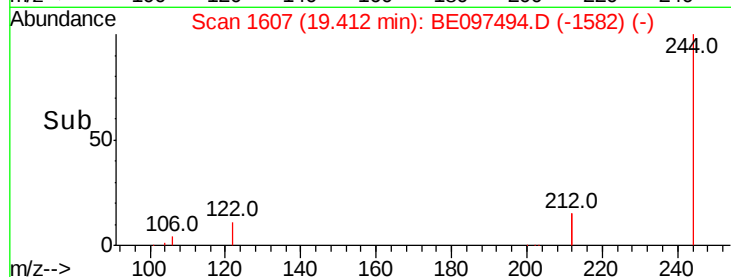
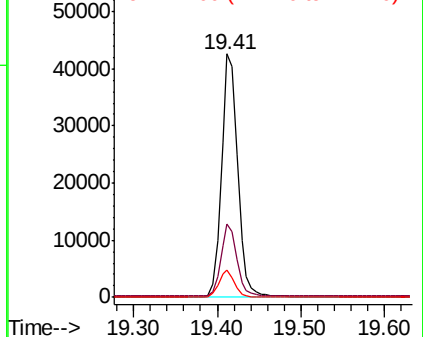
122 11.3 8.1 12.1



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: 3.305 ng

RT: 20.94 min Scan# 1784

Delta R.T. -0.01 min

Lab File: BE097494.D

Acq: 17 Sep 2018 13:10

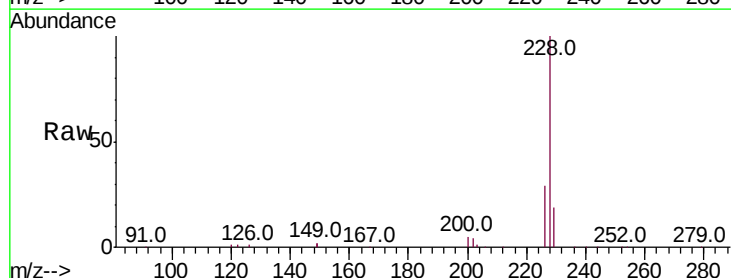
Tgt Ion:228 Resp: 79127

Ion Ratio Lower Upper

228 100

226 28.6 24.0 36.0

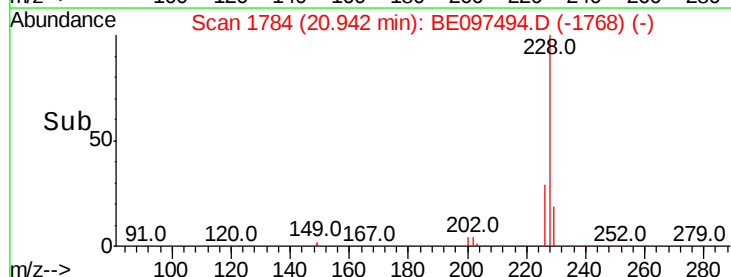
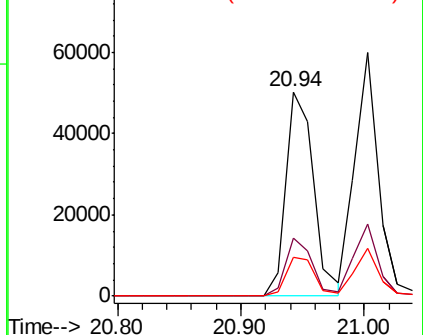
229 19.2 16.0 24.0

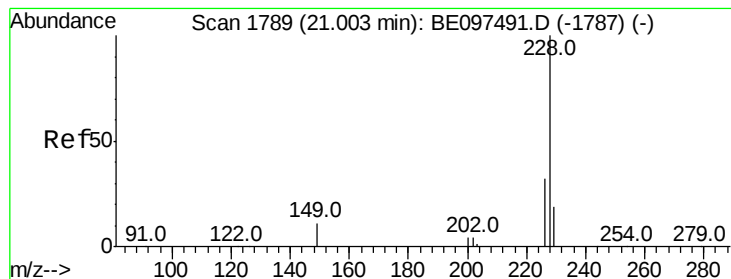


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 3.075 ng

RT: 21.00 min Scan# 1789

Delta R.T. -0.00 min

Lab File: BE097494.D

Acq: 17 Sep 2018 13:10

Instrument :

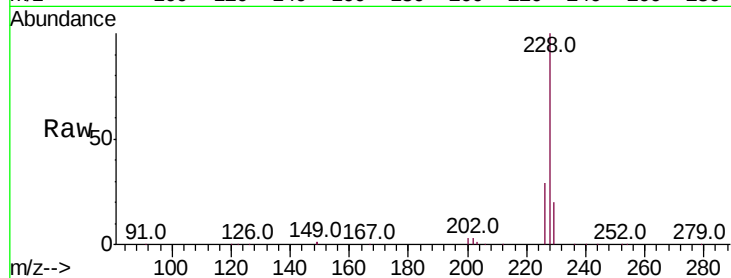
BNA\_E

ClientSampleId :

SSTDICC3.2

Tot Ion:228 Resp: 79248

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 228 | 100   |       |       |
| 226 | 29.5  | 24.0  | 36.0  |
| 229 | 19.7  | 16.0  | 24.0  |

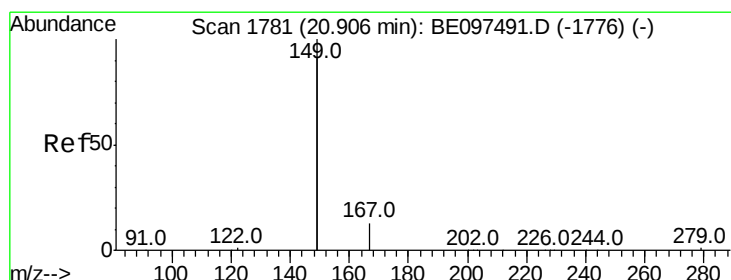
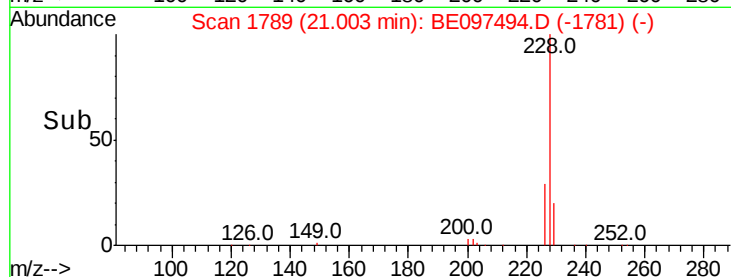
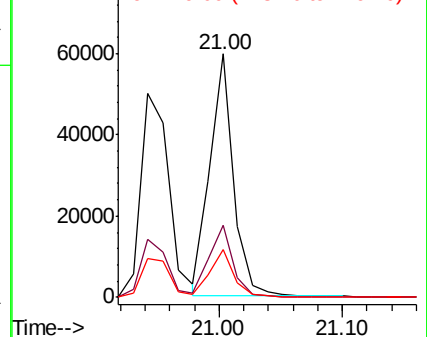


Abundance

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



#32

Bis(2-ethylhexyl)phthalate

Concen: 5.367 ng

RT: 20.91 min Scan# 1781

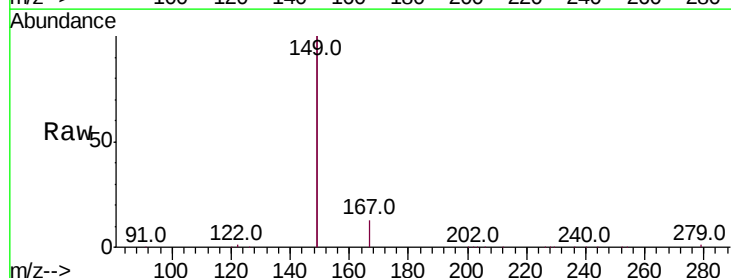
Delta R.T. -0.00 min

Lab File: BE097494.D

Acq: 17 Sep 2018 13:10

Tgt Ion:149 Resp: 172809

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 149 | 100   |       |       |
| 167 | 6.6   | 5.4   | 8.0   |
| 279 | 1.1   | 0.7   | 1.1   |

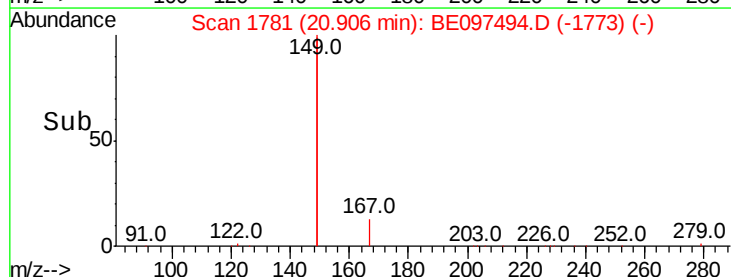
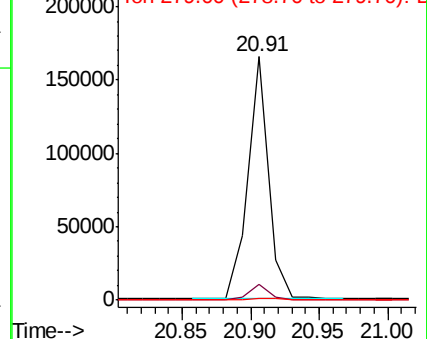


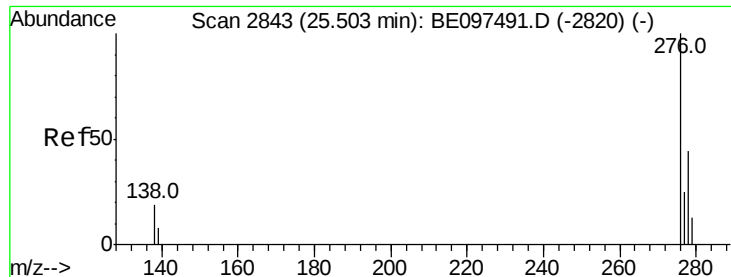
Abundance

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: 2.565 ng

RT: 25.49 min Scan# 2839

Delta R.T. -0.01 min

Lab File: BE097494.D

Acq: 17 Sep 2018 13:10

Instrument :

BNA\_E

ClientSampleId :

SSTDICC3.2

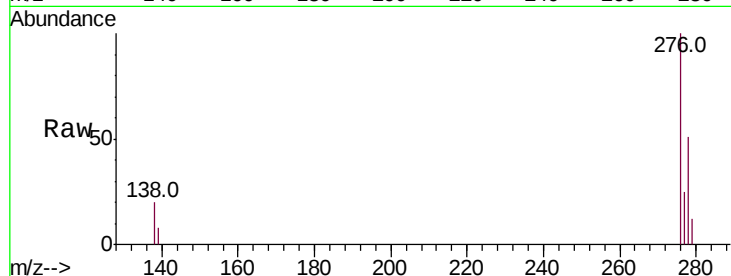
Tot Ion:276 Resp: 93847

Ion Ratio Lower Upper

276 100

138 20.6 22.5 33.7#

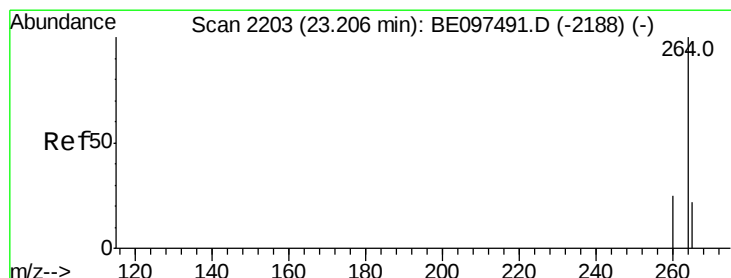
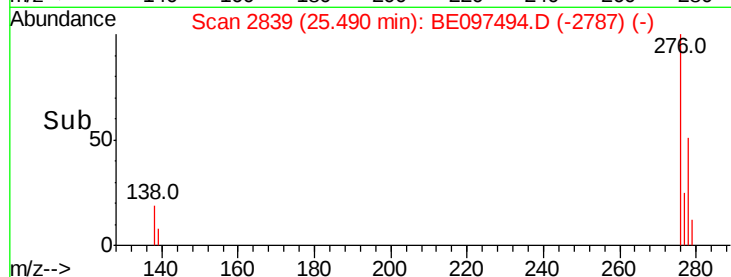
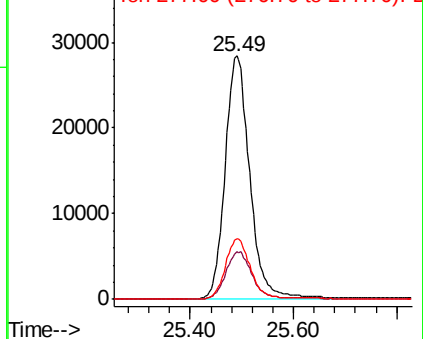
277 25.1 19.9 29.9



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: 23.20 min Scan# 2202

Delta R.T. -0.00 min

Lab File: BE097494.D

Acq: 17 Sep 2018 13:10

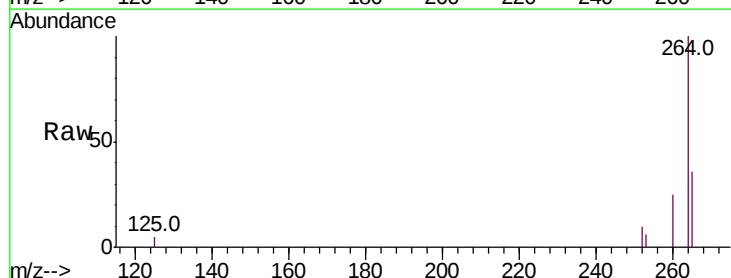
Tgt Ion:264 Resp: 9111

Ion Ratio Lower Upper

264 100

260 24.9 20.5 30.7

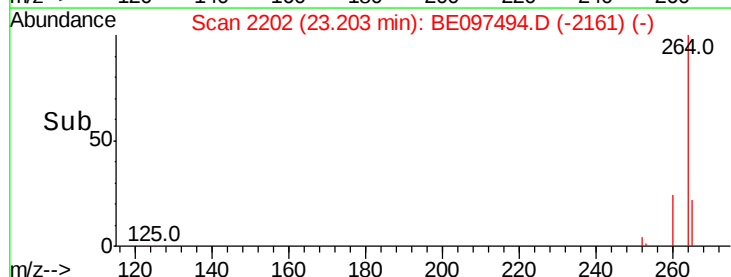
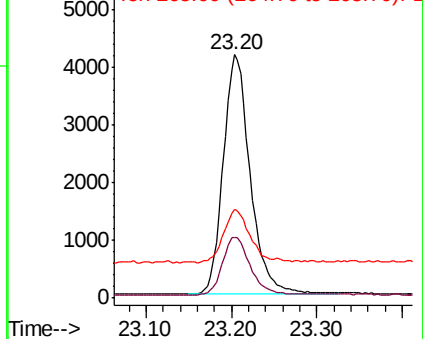
265 36.5 22.8 34.2#

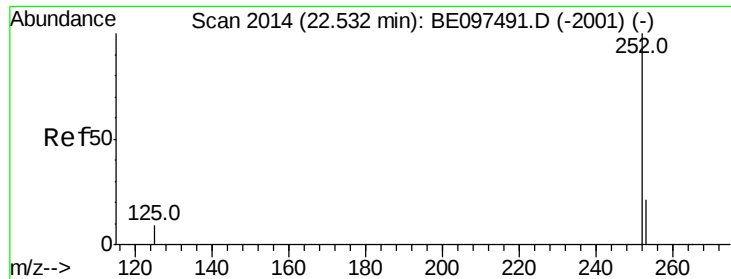


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

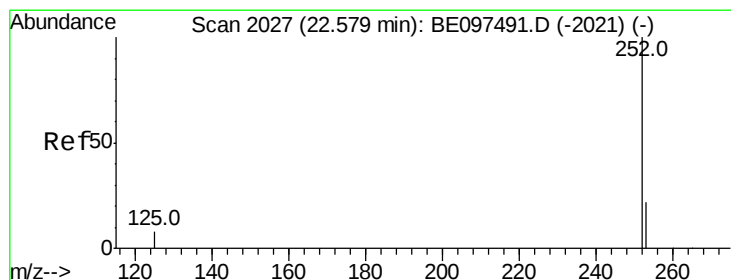
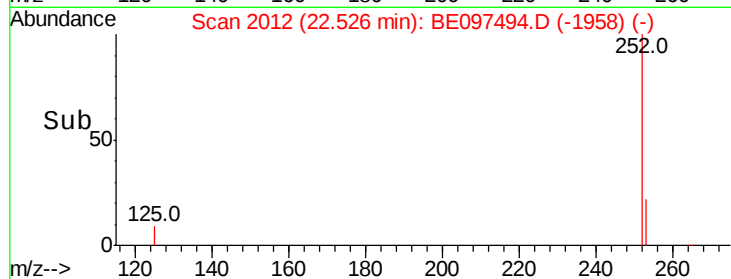
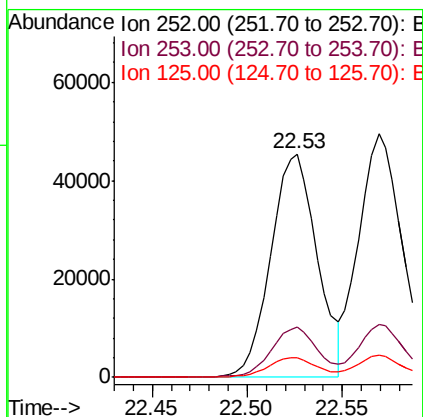
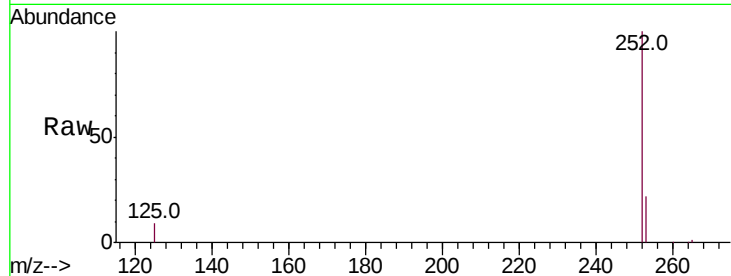




#35  
Benzo(b)fluoranthene  
Concen: 2.939 ng  
RT: 22.53 min Scan# 2012  
Delta R.T. -0.01 min  
Lab File: BE097494.D  
Acq: 17 Sep 2018 13:10

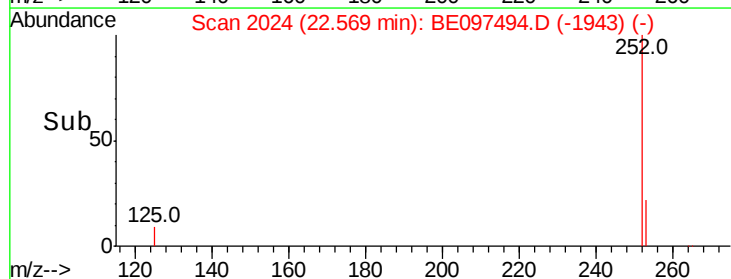
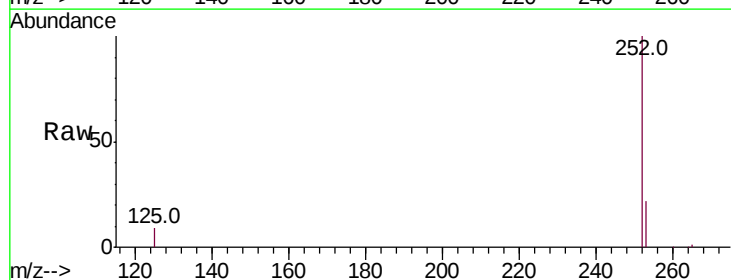
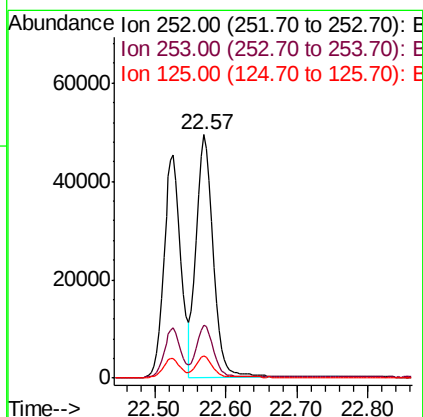
Instrument :  
BNA\_E  
ClientSampleId :  
SSTDICC3.2

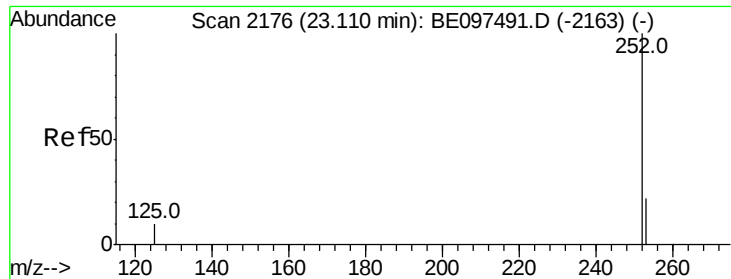
Tot Ion:252 Resp: 76560  
Ion Ratio Lower Upper  
252 100  
253 22.3 20.0 30.0  
125 8.9 16.0 24.0#



#36  
Benzo(k)fluoranthene  
Concen: 2.834 ng  
RT: 22.57 min Scan# 2024  
Delta R.T. -0.01 min  
Lab File: BE097494.D  
Acq: 17 Sep 2018 13:10

Tgt Ion:252 Resp: 81622  
Ion Ratio Lower Upper  
252 100  
253 22.0 16.0 24.0  
125 9.0 8.0 12.0

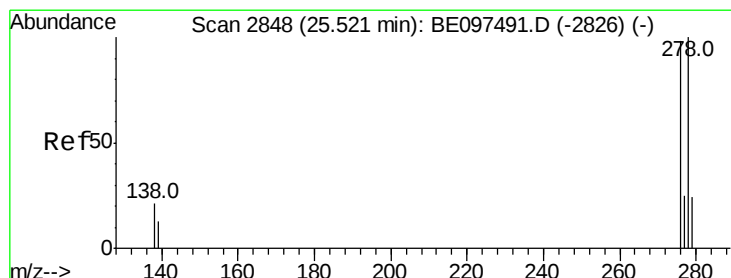
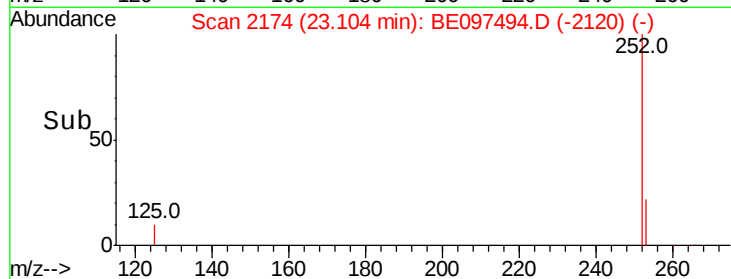
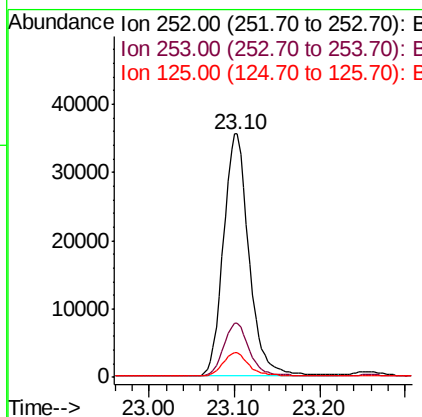
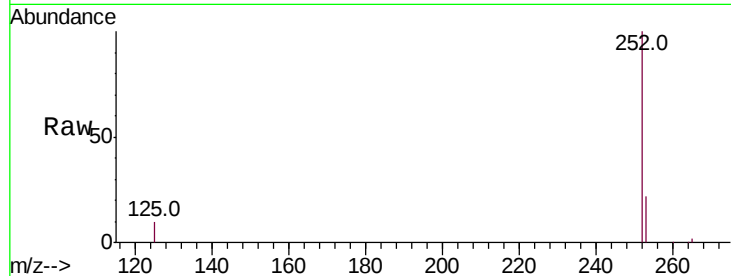




#37  
Benzo(a)pyrene  
Concen: 3.154 ng  
RT: 23.10 min Scan# 2174  
Delta R.T. -0.01 min  
Lab File: BE097494.D  
Acq: 17 Sep 2018 13:10

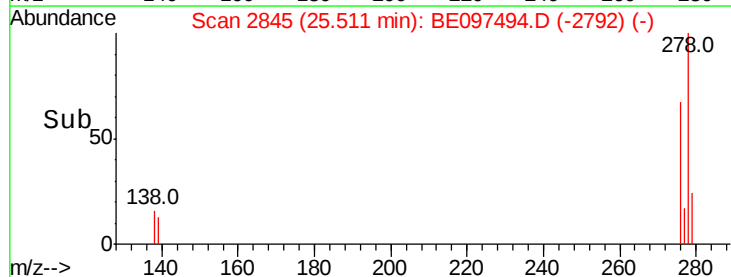
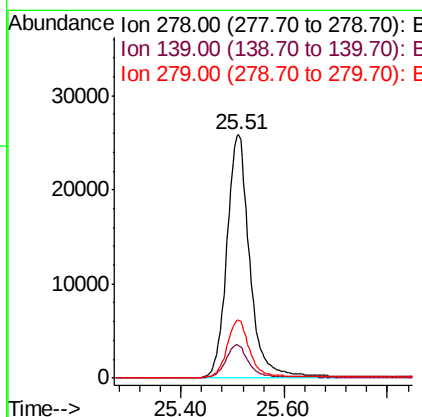
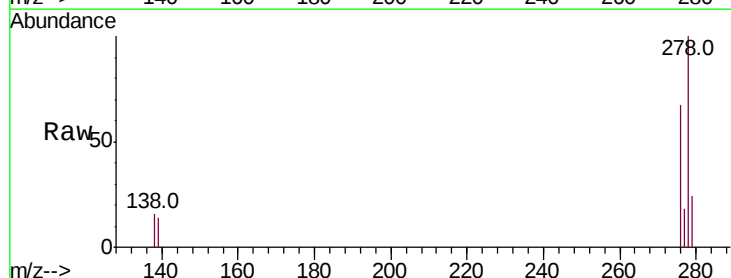
Instrument :  
BNA\_E  
ClientSampleId :  
SSTDICC3.2

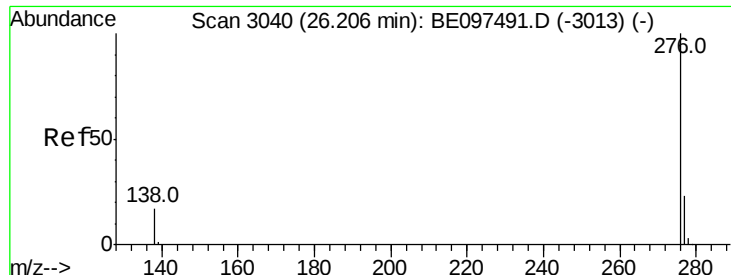
Tot Ion:252 Resp: 74144  
Ion Ratio Lower Upper  
252 100  
253 22.2 16.0 24.0  
125 10.0 12.0 18.0#



#38  
Dibenzo(a,h)anthracene  
Concen: 2.550 ng  
RT: 25.51 min Scan# 2845  
Delta R.T. -0.01 min  
Lab File: BE097494.D  
Acq: 17 Sep 2018 13:10

Tgt Ion:278 Resp: 78763  
Ion Ratio Lower Upper  
278 100  
139 13.5 16.0 24.0#  
279 24.0 20.0 30.0





#39

Benzo(a,h,i)perylene

Concen: 2.441 ng

RT: 26.19 min Scan# 3036

Delta R.T. -0.01 min

Lab File: BE097494.D

Acq: 17 Sep 2018 13:10

Instrument :

BNA\_E

ClientSampleId :

SSTDICC3.2

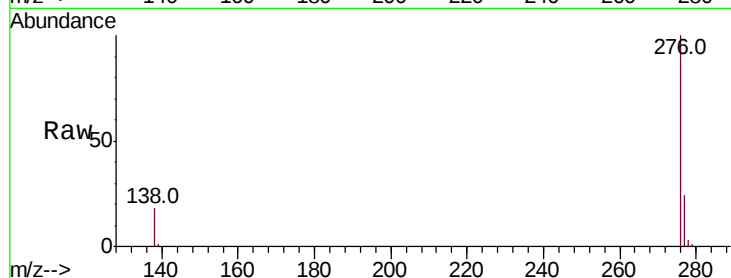
Tot Ion:276 Resp: 77839

Ion Ratio Lower Upper

276 100

277 24.1 16.0 24.0#

138 17.8 20.0 30.0#



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

