

Data Path : Z:\HPCHEM1\BNA\_E\DATA\BE070117\  
 Data File : BE093379.D  
 Acq On : 30 Jun 2017 16:35  
 Operator : SJ/JU  
 Sample : SSTDICC0.2  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 BNA\_E  
 ClientSampleId :  
 SSTDICC0.2

Quant Time: Jun 30 18:54:19 2017  
 Quant Method : Z:\HPCHEM1\BNA\_E\METHODS\8270-SIM-BE070117.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Jun 30 18:48:18 2017  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|---------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.94  | 152  | 2987     | 0.40 | ng    | -0.01    |
| 7) Naphthalene-d8         | 10.74 | 136  | 14806    | 0.40 | ng    | 0.00     |
| 13) Acenaphthene-d10      | 14.56 | 164  | 9327     | 0.40 | ng    | 0.00     |
| 19) Phenanthrene-d10      | 17.27 | 188  | 38720    | 0.40 | ng    | 0.00     |
| 27) Chrysene-d12          | 21.44 | 240  | 38799    | 0.40 | ng    | 0.00     |
| 34) Perylene-d12          | 23.95 | 264  | 34825    | 0.40 | ng    | 0.00     |

## System Monitoring Compounds

|                             |       |     |       |      |    |      |
|-----------------------------|-------|-----|-------|------|----|------|
| 4) 2-Fluorophenol           | 5.53  | 112 | 1870  | 0.21 | ng | 0.00 |
| 5) Phenol-d6                | 7.10  | 99  | 2820  | 0.22 | ng | 0.00 |
| 8) Nitrobenzene-d5          | 9.09  | 82  | 1690  | 0.14 | ng | 0.00 |
| 11) 2-Methylnaphthalene-d10 | 12.32 | 152 | 4629  | 0.21 | ng | 0.00 |
| 14) 2,4,6-Tribromophenol    | 16.03 | 330 | 682   | 0.32 | ng | 0.00 |
| 15) 2-Fluorobiphenyl        | 13.18 | 172 | 7087  | 0.18 | ng | 0.00 |
| 25) Fluoranthene-d10        | 19.30 | 212 | 68458 | 0.54 | ng | 0.00 |
| 29) Terphenyl-d14           | 19.89 | 244 | 14192 | 0.19 | ng | 0.00 |

## Target Compounds

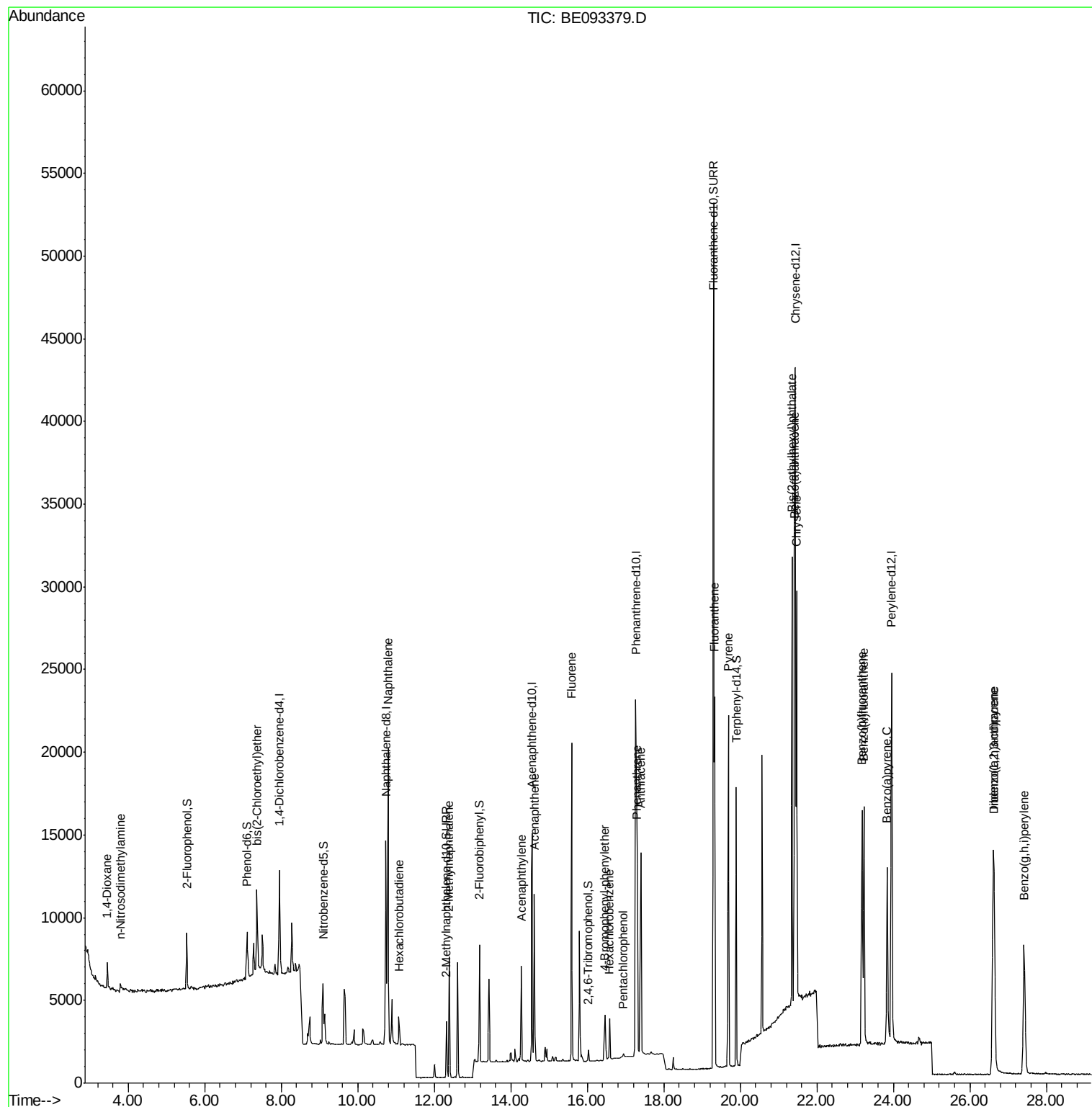
|                                |       |     |       |       |    | Qvalue |
|--------------------------------|-------|-----|-------|-------|----|--------|
| 2) 1,4-Dioxane                 | 3.45  | 88  | 1319  | 0.199 | ng | 96     |
| 3) n-Nitrosodimethylamine      | 3.79  | 42  | 591   | 0.104 | ng | # 72   |
| 6) bis(2-Chloroethyl)ether     | 7.37  | 93  | 1815  | 0.161 | ng | # 96   |
| 9) Naphthalene                 | 10.79 | 128 | 30362 | 0.764 | ng | # 73   |
| 10) Hexachlorobutadiene        | 11.07 | 225 | 1187  | 0.220 | ng | 94     |
| 12) 2-Methylnaphthalene        | 12.39 | 142 | 5054  | 0.205 | ng | 100    |
| 16) Acenaphthylene             | 14.27 | 152 | 7739  | 0.048 | ng | # 88   |
| 17) Acenaphthene               | 14.61 | 154 | 5575  | 0.184 | ng | 98     |
| 18) Fluorene                   | 15.59 | 166 | 7476  | 0.205 | ng | # 86   |
| 20) 4-Bromophenyl-phenylether  | 16.45 | 248 | 1486  | 0.063 | ng | # 72   |
| 21) Hexachlorobenzene          | 16.58 | 284 | 2705  | 0.130 | ng | # 100  |
| 22) Pentachlorophenol          | 16.94 | 266 | 229   | 0.034 | ng | 95     |
| 23) Phenanthrene               | 17.30 | 178 | 17306 | 0.099 | ng | 96     |
| 24) Anthracene                 | 17.40 | 178 | 18218 | 0.123 | ng | 98     |
| 26) Fluoranthene               | 19.33 | 202 | 19302 | 0.030 | ng | # 98   |
| 28) Pyrene                     | 19.69 | 202 | 19969 | 0.042 | ng | # 99   |
| 30) Benzo(a)anthracene         | 21.42 | 228 | 20568 | 0.196 | ng | 93     |
| 31) Chrysene                   | 21.47 | 228 | 21541 | 0.193 | ng | 94     |
| 32) Bis(2-ethylhexyl)phthalate | 21.35 | 149 | 29159 | 0.572 | ng | # 66   |
| 33) Indeno(1,2,3-cd)pyrene     | 26.61 | 276 | 20640 | 0.049 | ng | # 91   |
| 35) Benzo(b)fluoranthene       | 23.18 | 252 | 20415 | 0.182 | ng | # 94   |
| 36) Benzo(k)fluoranthene       | 23.23 | 252 | 21227 | 0.197 | ng | 97     |
| 37) Benzo(a)pyrene             | 23.84 | 252 | 18046 | 0.187 | ng | 95     |
| 38) Dibenzo(a,h)anthracene     | 26.63 | 278 | 18330 | 0.182 | ng | # 90   |
| 39) Benzo(g,h,i)perylene       | 27.42 | 276 | 19265 | 0.047 | ng | # 88   |

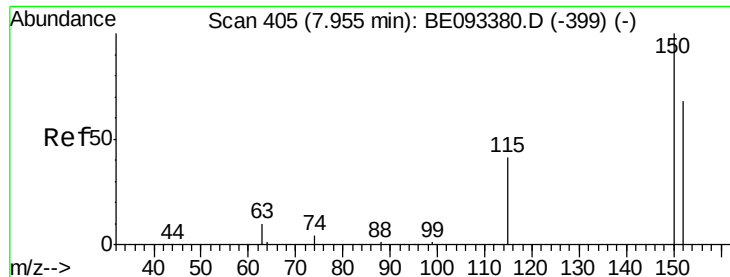
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Jun 30 18:48:18 2017  
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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.94 min Scan# 404

Delta R.T. -0.01 min

Lab File: BE093379.D

Acq: 30 Jun 2017 16:35

Instrument :

BNA\_E

ClientSampleId :

SSTDIC0.2

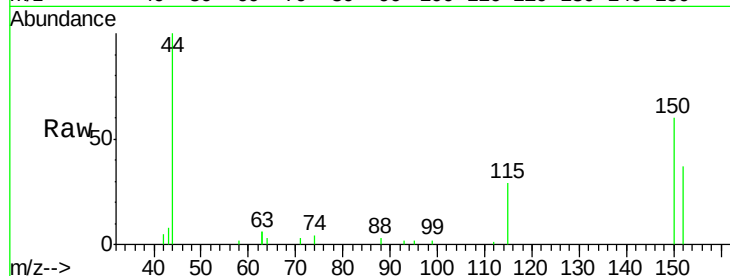
Tgt Ion:152 Resp: 2987

Ion Ratio Lower Upper

152 100

150 161.2 125.1 187.7

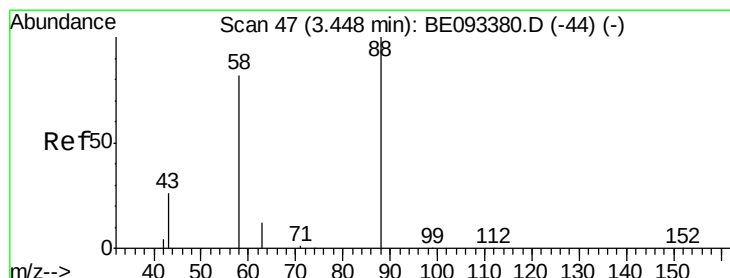
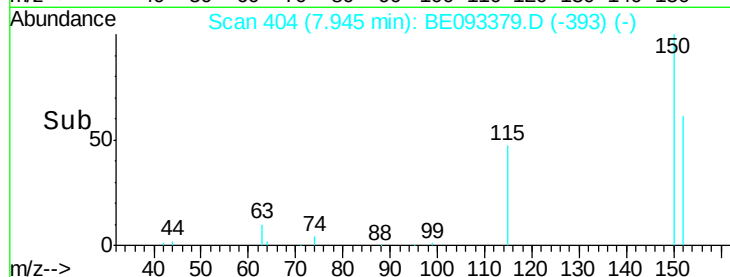
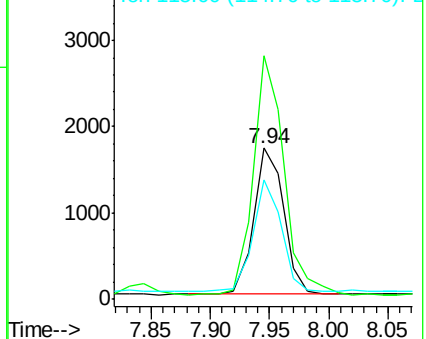
115 78.9 55.7 83.5



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: 0.199 ng

RT: 3.45 min Scan# 47

Delta R.T. 0.00 min

Lab File: BE093379.D

Acq: 30 Jun 2017 16:35

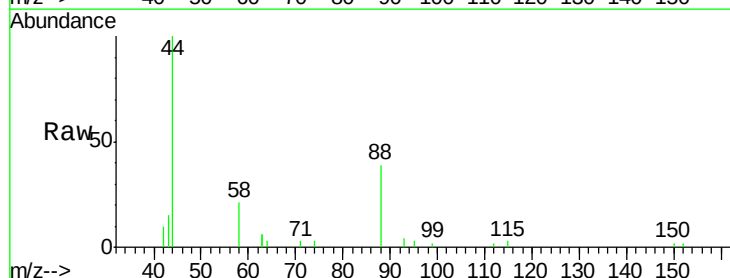
Tgt Ion: 88 Resp: 1319

Ion Ratio Lower Upper

88 100

58 76.3 62.2 93.4

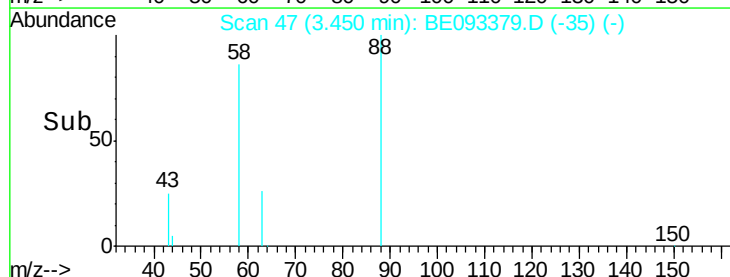
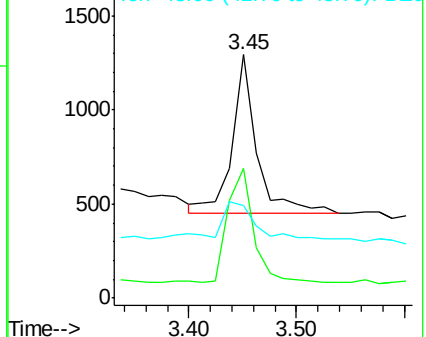
43 34.4 23.2 34.8

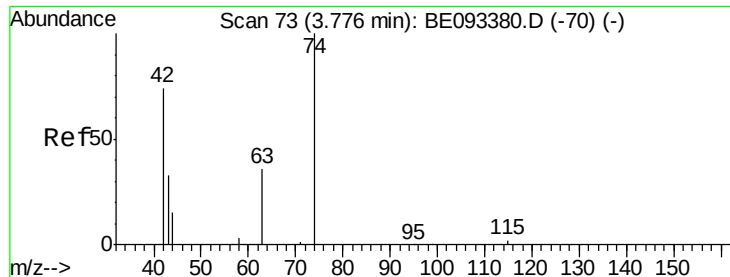


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#3

n-Nitrosodimethylamine

Concen: 0.104 ng

RT: 3.79 min Scan# 74

Delta R.T. 0.01 min

Lab File: BE093379.D

Acq: 30 Jun 2017 16:35

Instrument :

BNA\_E

ClientSampleId :

SSTDIC0.2

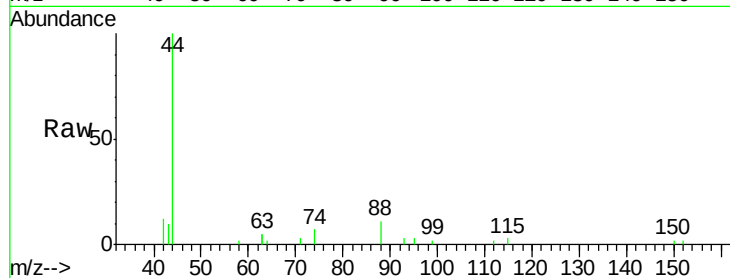
Tgt Ion: 42 Resp: 591

Ion Ratio Lower Upper

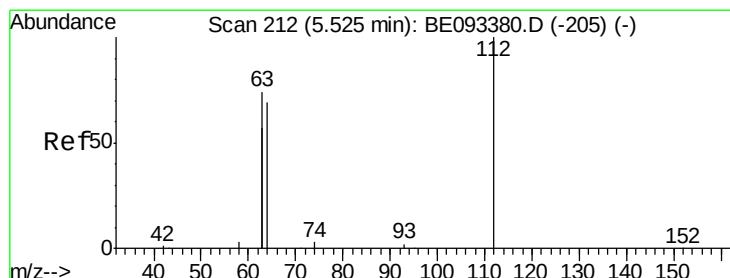
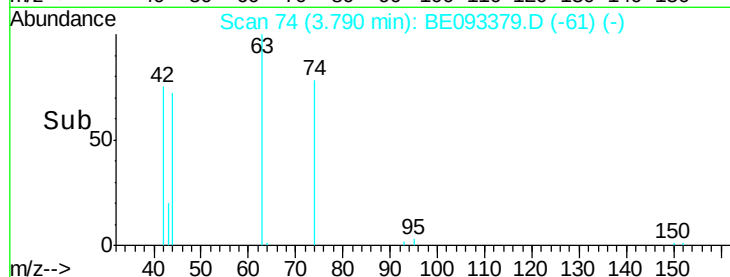
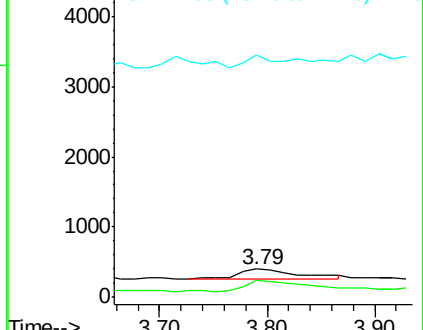
42 100

74 99.8 99.1 148.7

44 54.7 7.4 11.2#



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: 0.212 ng

RT: 5.53 min Scan# 212

Delta R.T. 0.00 min

Lab File: BE093379.D

Acq: 30 Jun 2017 16:35

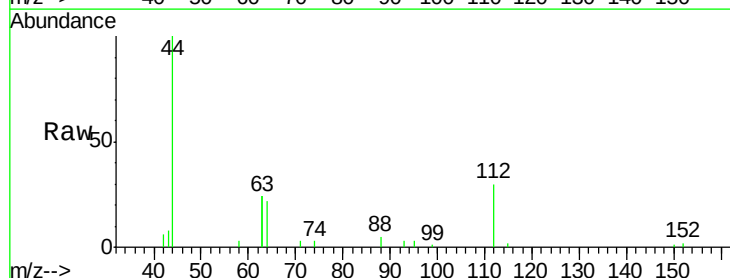
Tgt Ion: 112 Resp: 1870

Ion Ratio Lower Upper

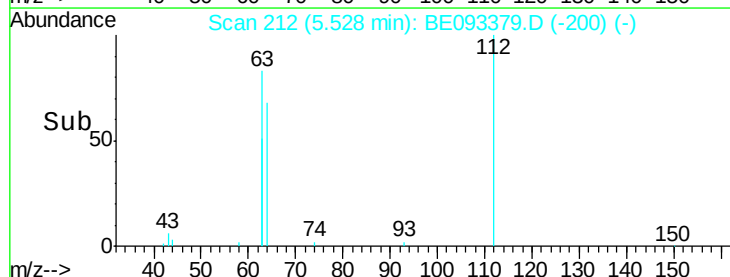
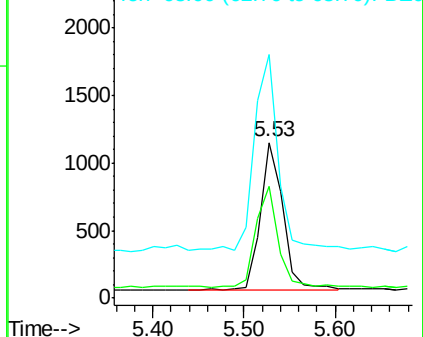
112 100

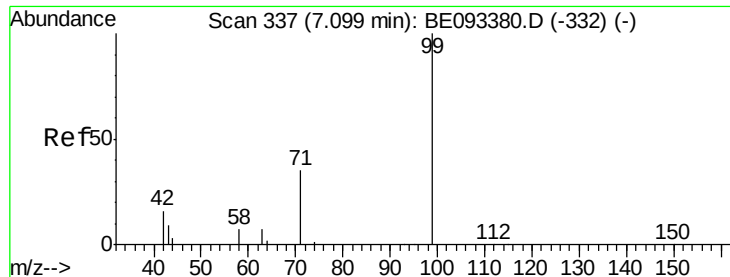
64 69.3 56.4 84.6

63 136.2 29.3 43.9#



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: 0.218 ng

RT: 7.10 min Scan# 337

Delta R.T. 0.00 min

Lab File: BE093379.D

Acq: 30 Jun 2017 16:35

Instrument :

BNA\_E

ClientSampleId :

SSTDIC0.2

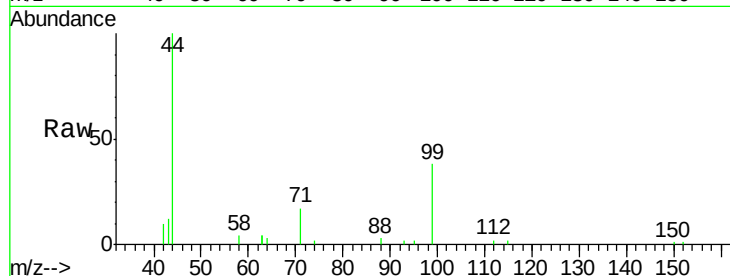
Tgt Ion: 99 Resp: 2820

Ion Ratio Lower Upper

99 100

42 26.9 0.0 0.0#

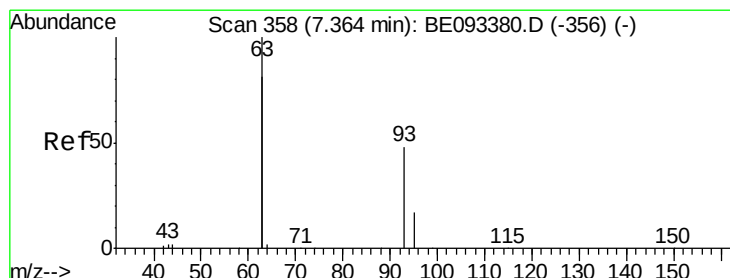
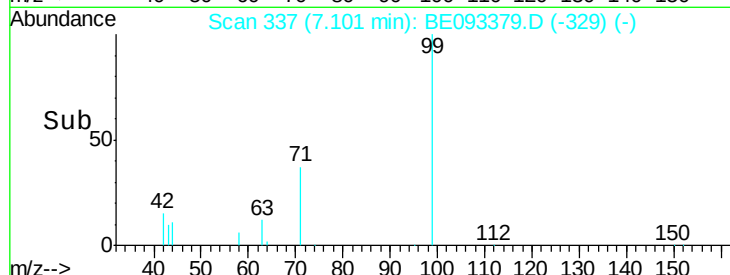
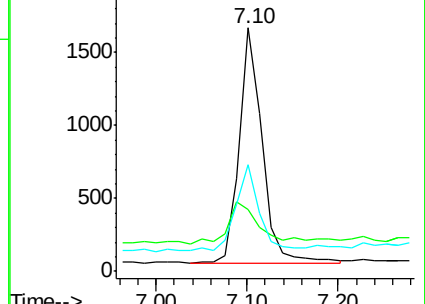
71 36.7 0.0 0.0#



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: 0.161 ng

RT: 7.37 min Scan# 358

Delta R.T. 0.00 min

Lab File: BE093379.D

Acq: 30 Jun 2017 16:35

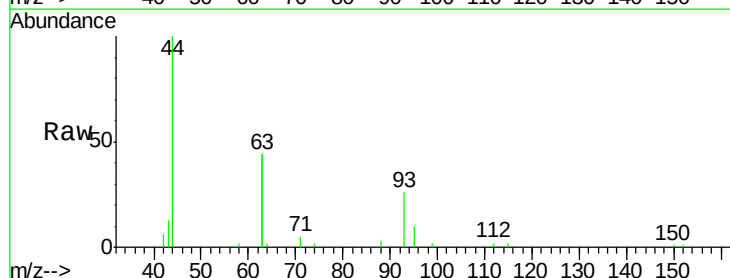
Tgt Ion: 93 Resp: 1815

Ion Ratio Lower Upper

93 100

63 343.6 0.0 0.0#

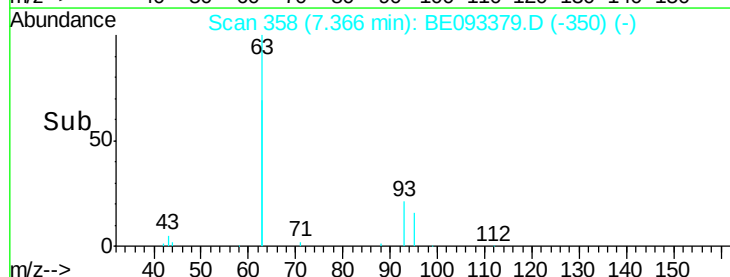
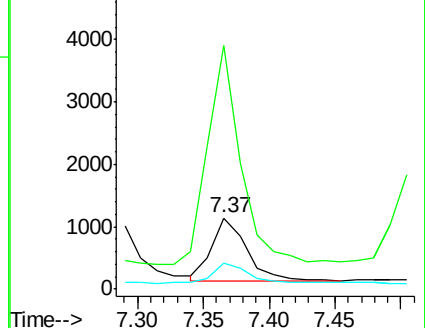
95 34.0 25.4 38.0

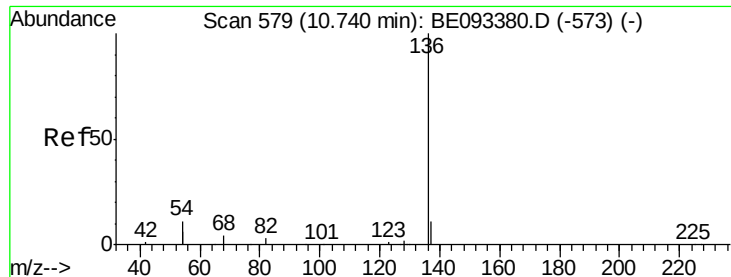


Abundance Ion 93.00 (92.70 to 93.70): BE0

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: 10.74 min Scan# 579

Delta R.T. -0.00 min

Lab File: BE093379.D

Acq: 30 Jun 2017 16:35

Instrument :

BNA\_E

ClientSampleId :

SSTDIC0.2

Tgt Ion:136 Resp: 14806

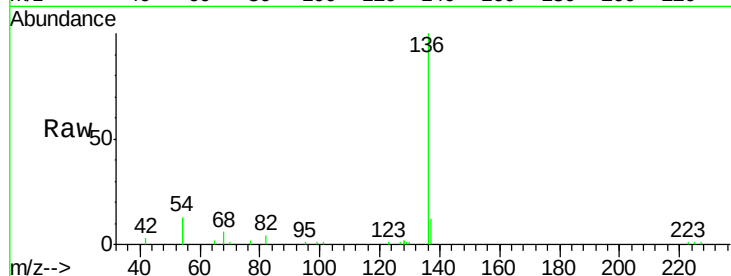
Ion Ratio Lower Upper

136 100

137 11.8 9.8 14.8

54 25.7 10.3 15.5#

68 5.6 9.0 13.4#

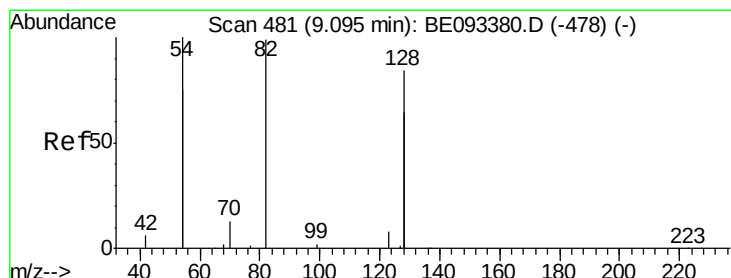
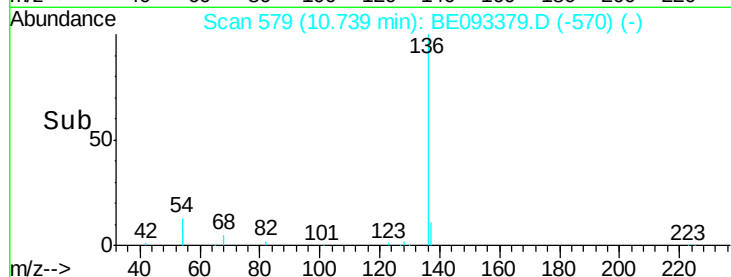
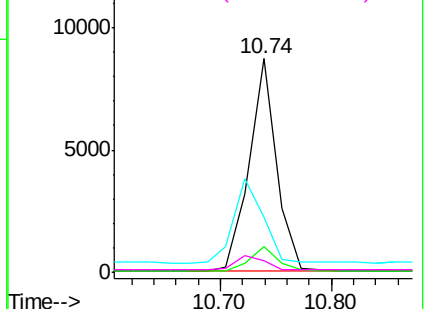


Abundance Ion 136.00 (135.70 to 136.70): E

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



#8

Nitrobenzene-d5

Concen: 0.143 ng

RT: 9.09 min Scan# 481

Delta R.T. -0.00 min

Lab File: BE093379.D

Acq: 30 Jun 2017 16:35

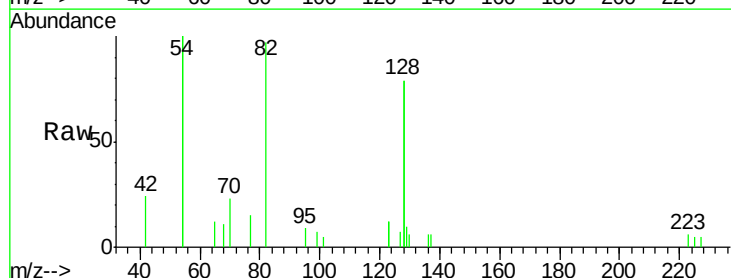
Tgt Ion: 82 Resp: 1690

Ion Ratio Lower Upper

82 100

128 162.5 17.0 25.4#

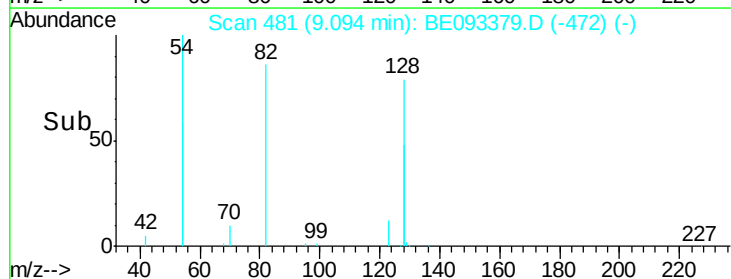
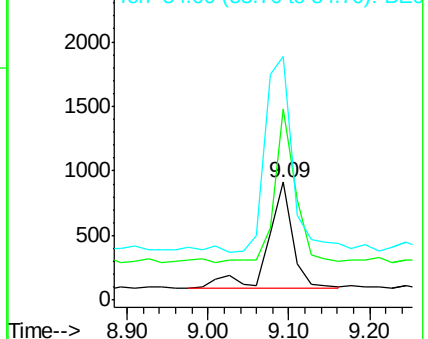
54 206.6 53.8 80.6#

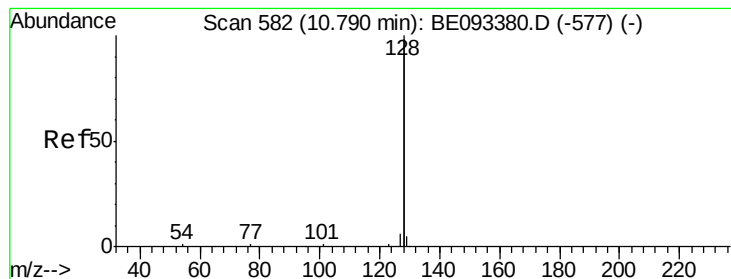


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.764 ng

RT: 10.79 min Scan# 582

Delta R.T. -0.00 min

Lab File: BE093379.D

Acq: 30 Jun 2017 16:35

Instrument :

BNA\_E

ClientSampleId :

SSTDIC0.2

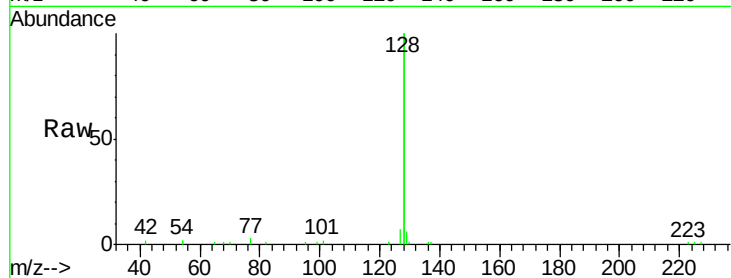
Tgt Ion:128 Resp: 30362

Ion Ratio Lower Upper

128 100

129 3.2 11.4 17.0#

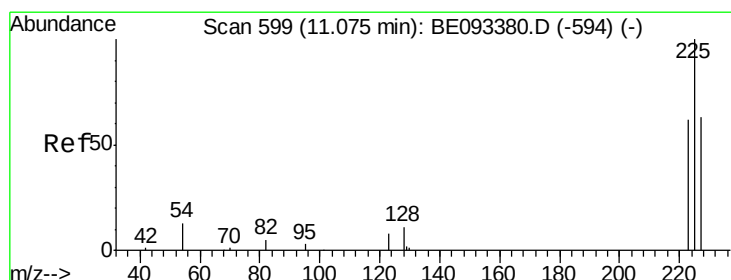
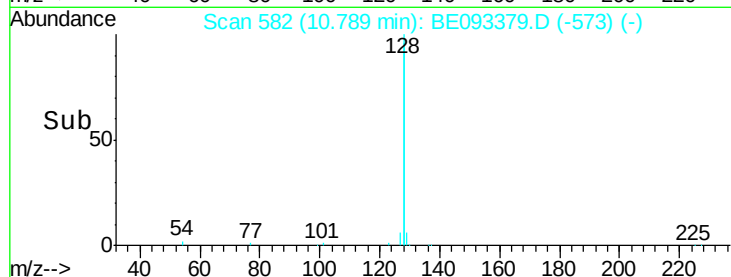
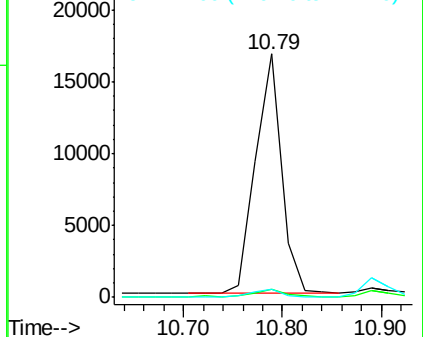
127 3.3 11.2 16.8#



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#10

Hexachlorobutadiene

Concen: 0.220 ng

RT: 11.07 min Scan# 599

Delta R.T. -0.00 min

Lab File: BE093379.D

Acq: 30 Jun 2017 16:35

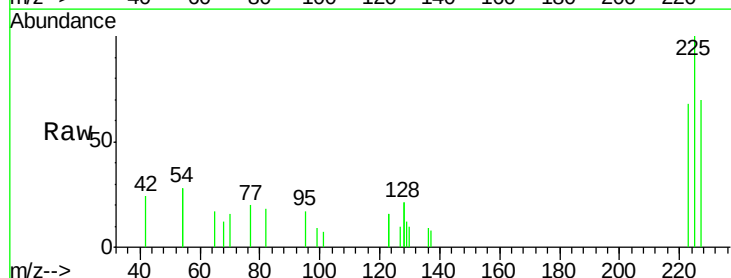
Tgt Ion:225 Resp: 1187

Ion Ratio Lower Upper

225 100

223 64.4 49.7 74.5

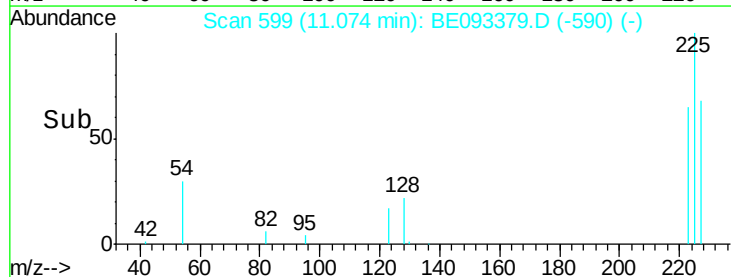
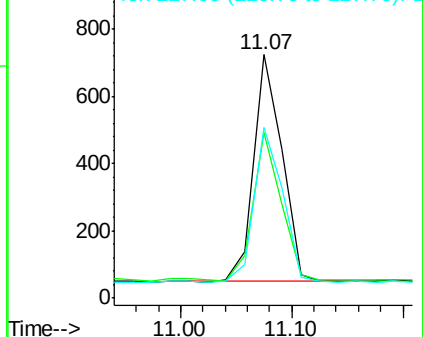
227 70.0 50.3 75.5

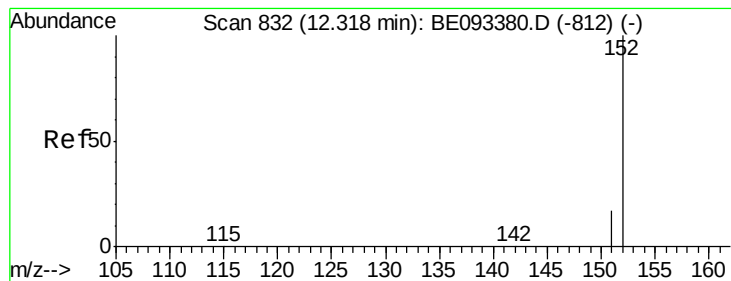


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.208 ng

RT: 12.32 min Scan# 832

Delta R.T. -0.00 min

Lab File: BE093379.D

Acq: 30 Jun 2017 16:35

Instrument :

BNA\_E

ClientSampleId :

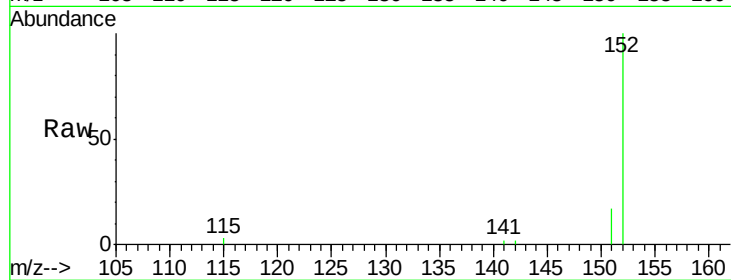
SSTDIC0.2

Tgt Ion:152 Resp: 4629

Ion Ratio Lower Upper

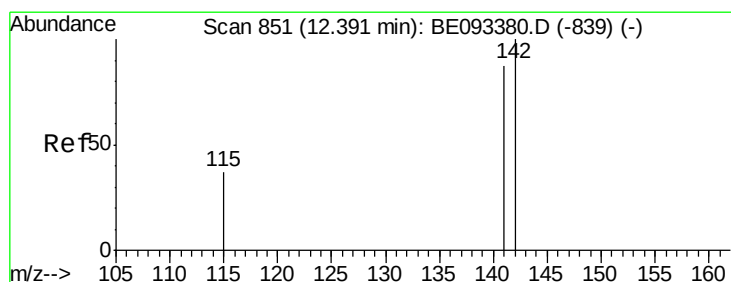
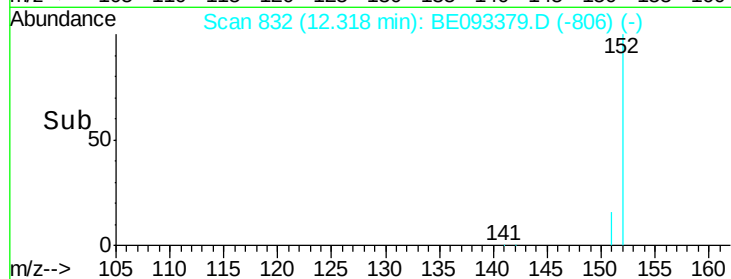
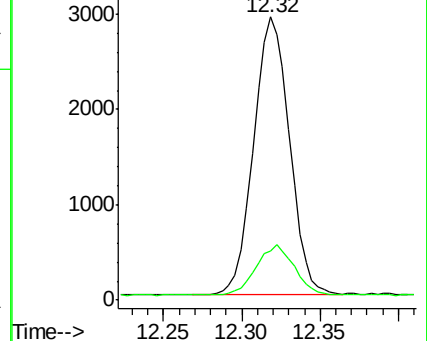
152 100

151 19.3 15.1 22.7



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E



#12

2-Methylnaphthalene

Concen: 0.205 ng

RT: 12.39 min Scan# 851

Delta R.T. -0.00 min

Lab File: BE093379.D

Acq: 30 Jun 2017 16:35

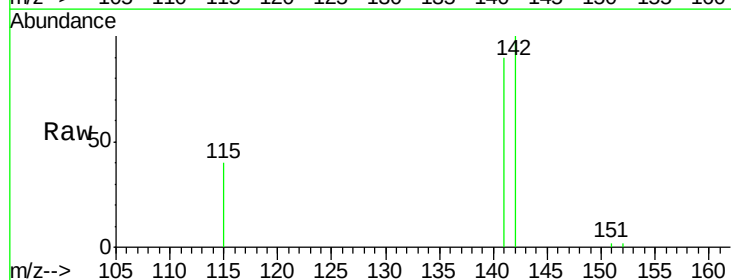
Tgt Ion:142 Resp: 5054

Ion Ratio Lower Upper

142 100

141 90.2 72.6 108.8

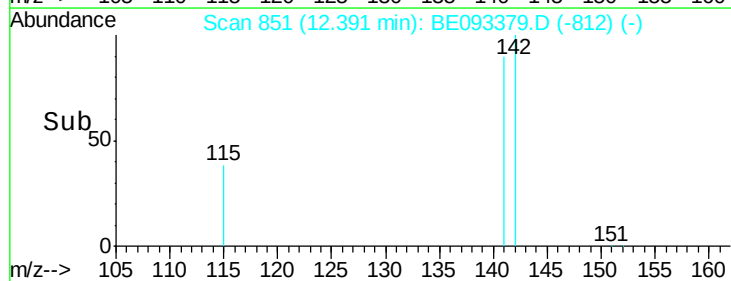
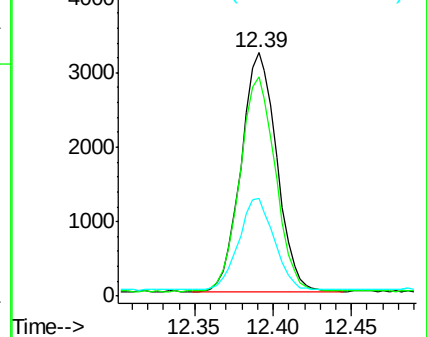
115 40.0 32.2 48.2



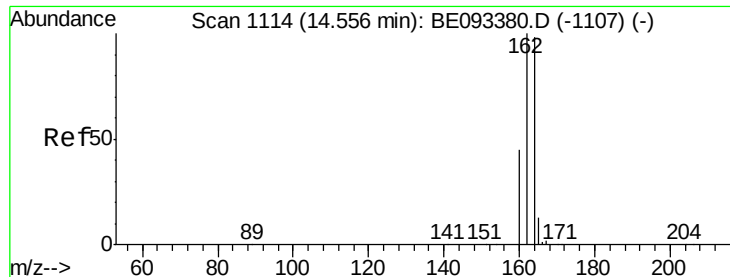
Abundance Ion 142.00 (141.70 to 142.70): E

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: 14.56 min Scan# 1114

Delta R.T. -0.00 min

Lab File: BE093379.D

Acq: 30 Jun 2017 16:35

Instrument :

BNA\_E

ClientSampleId :

SSTDIC0.2

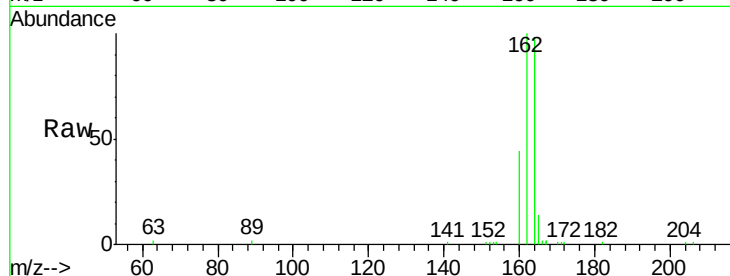
Tgt Ion:164 Resp: 9327

Ion Ratio Lower Upper

164 100

162 102.5 84.6 127.0

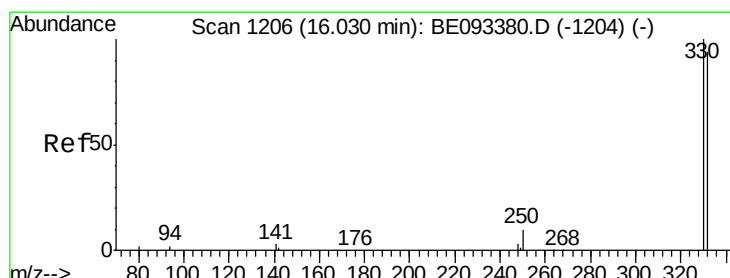
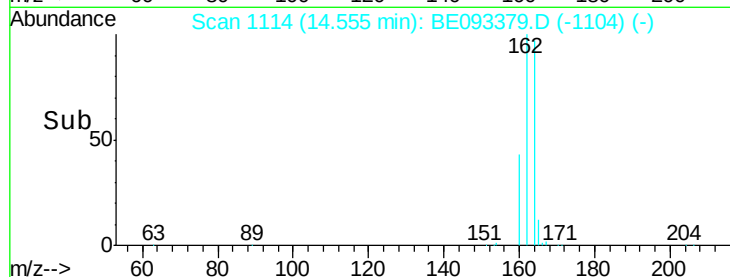
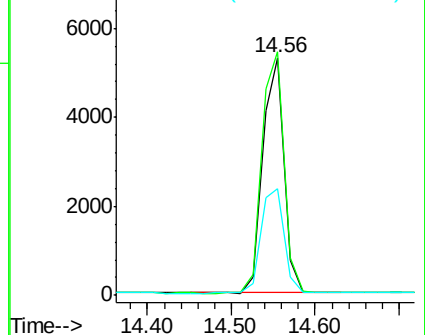
160 44.9 41.8 62.6



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#14

2,4,6-Tribromophenol

Concen: 0.321 ng

RT: 16.03 min Scan# 1206

Delta R.T. -0.00 min

Lab File: BE093379.D

Acq: 30 Jun 2017 16:35

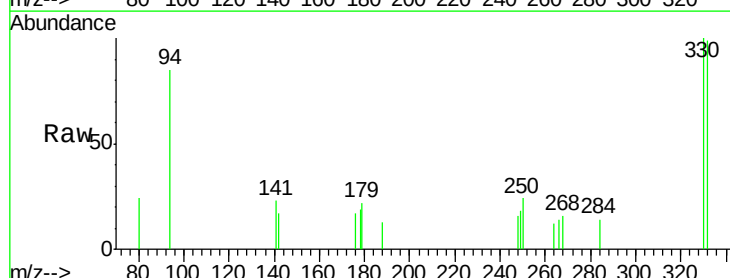
Tgt Ion:330 Resp: 682

Ion Ratio Lower Upper

330 100

332 99.3 77.7 116.5

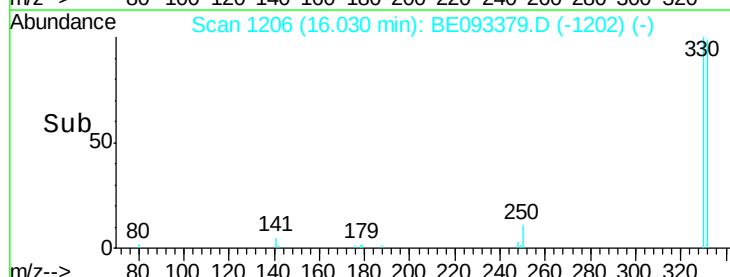
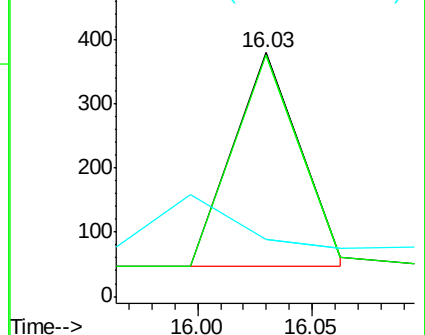
141 0.0 56.2 84.4#

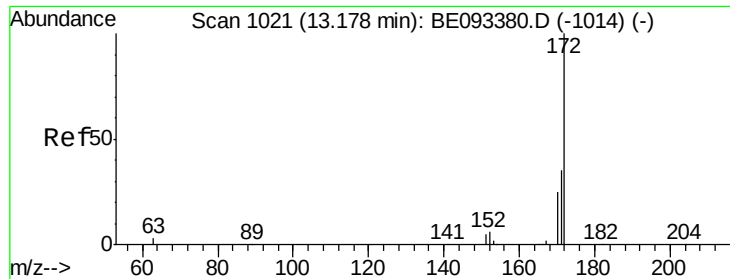


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

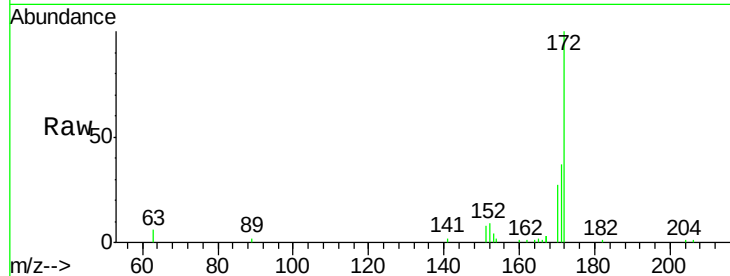




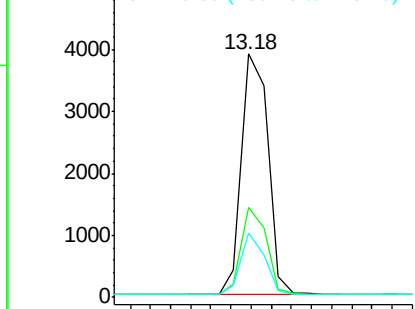
#15  
2-Fluorobiphenyl  
Concen: 0.178 ng  
RT: 13.18 min Scan# 1021  
Delta R.T. -0.00 min  
Lab File: BE093379.D  
Acq: 30 Jun 2017 16:35

Instrument :  
BNA\_E  
ClientSampleId :  
SSTDIC0.2

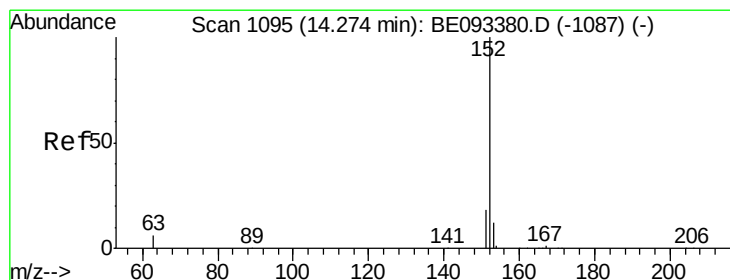
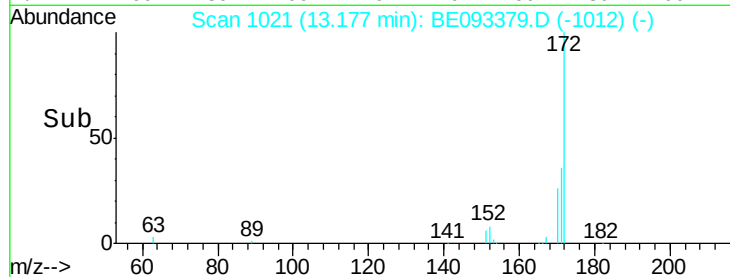
Tgt Ion:172 Resp: 7087  
Ion Ratio Lower Upper  
172 100  
171 37.1 29.8 44.6  
170 26.5 20.7 31.1



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

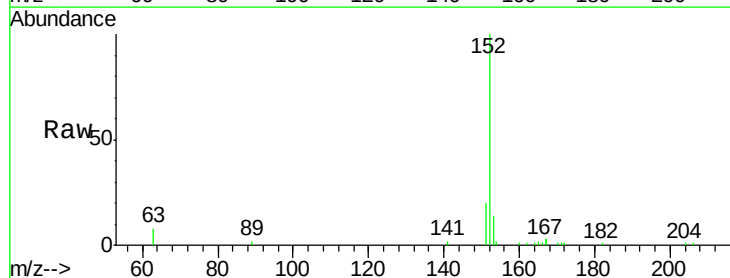


Time-->

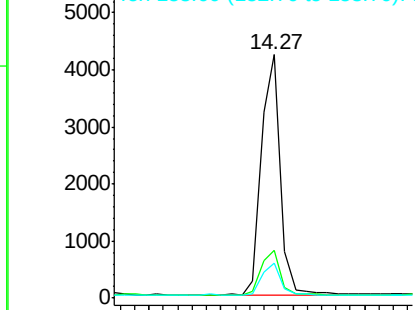


#16  
Acenaphthylene  
Concen: 0.048 ng  
RT: 14.27 min Scan# 1095  
Delta R.T. -0.00 min  
Lab File: BE093379.D  
Acq: 30 Jun 2017 16:35

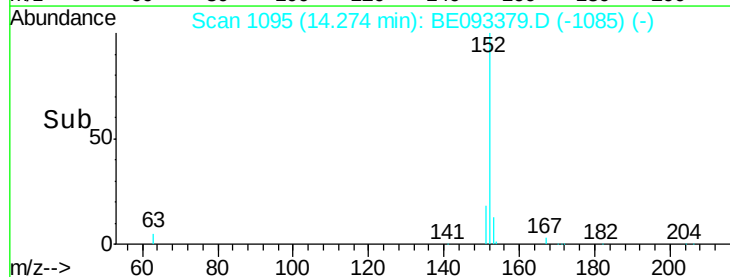
Tgt Ion:152 Resp: 7739  
Ion Ratio Lower Upper  
152 100  
151 18.8 4.0 6.0#  
153 13.1 10.3 15.5

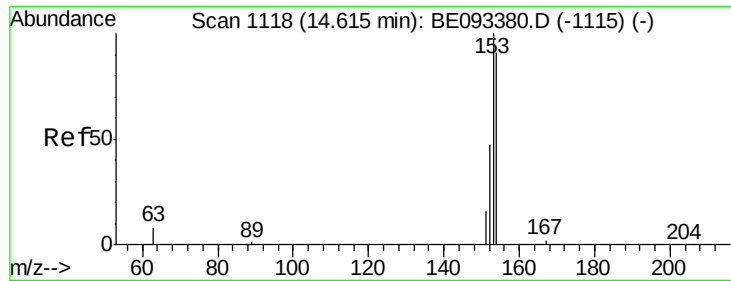


Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 151.00 (150.70 to 151.70): E  
Ion 153.00 (152.70 to 153.70): E



Time-->





#17

Acenaphthene

Concen: 0.184 ng

RT: 14.61 min Scan# 1118

Delta R.T. -0.00 min

Lab File: BE093379.D

Acq: 30 Jun 2017 16:35

Instrument :

BNA\_E

ClientSampleId :

SSTDIC0.2

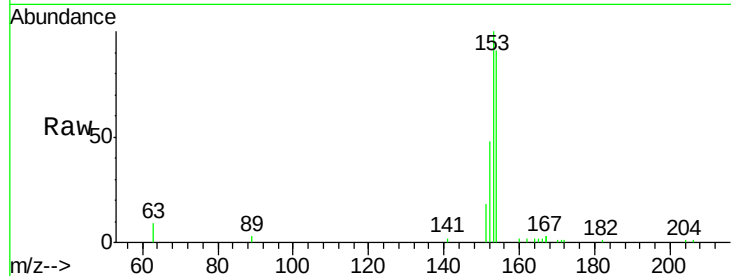
Tgt Ion:154 Resp: 5575

Ion Ratio Lower Upper

154 100

153 111.3 91.2 136.8

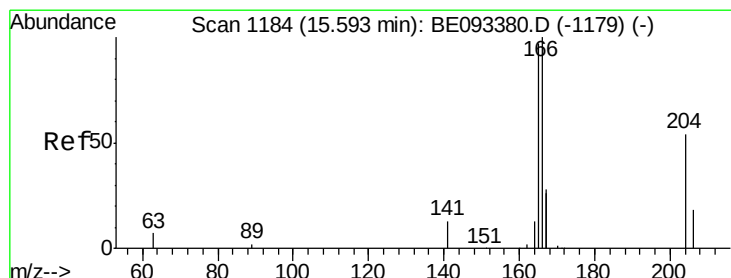
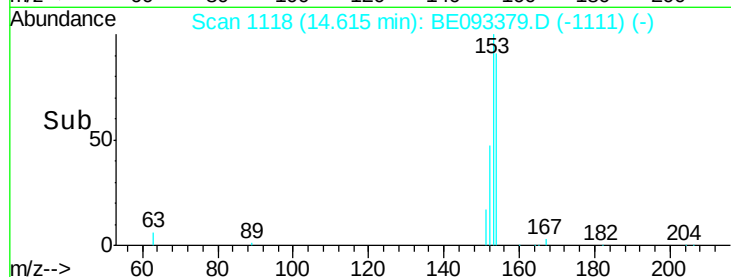
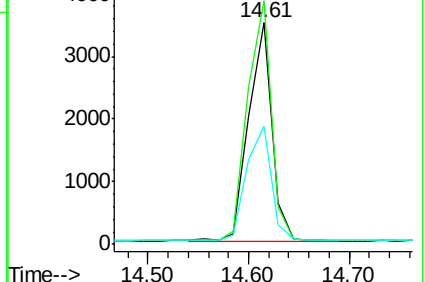
152 55.2 44.8 67.2



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#18

Fluorene

Concen: 0.205 ng

RT: 15.59 min Scan# 1184

Delta R.T. -0.00 min

Lab File: BE093379.D

Acq: 30 Jun 2017 16:35

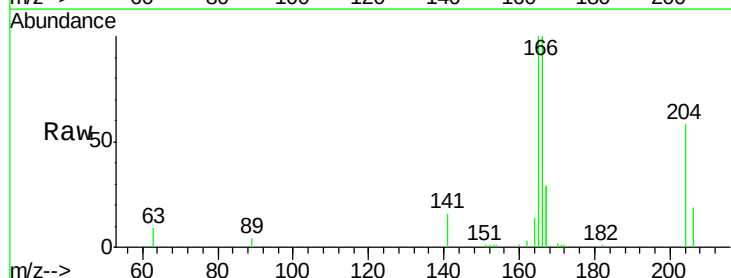
Tgt Ion:166 Resp: 7476

Ion Ratio Lower Upper

166 100

165 99.1 78.6 117.8

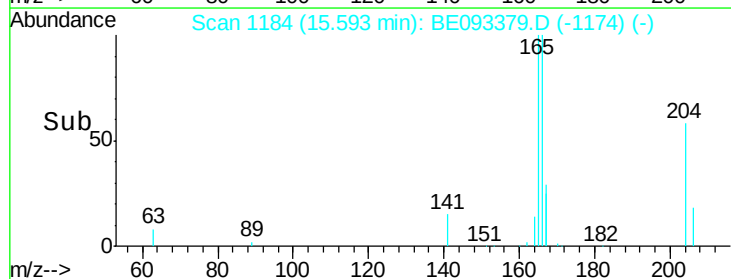
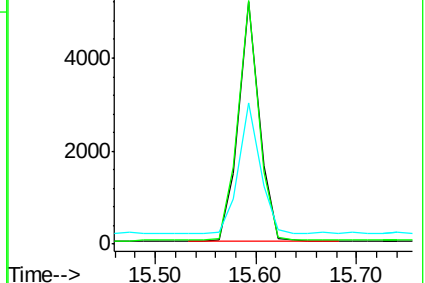
167 56.3 11.1 16.7#

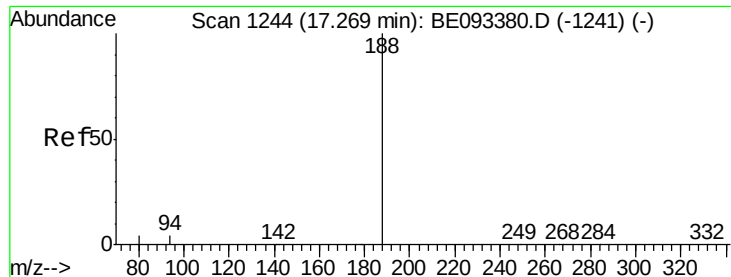


Abundance Ion 166.00 (165.70 to 166.70): E

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: 17.27 min Scan# 1244

Delta R.T. -0.00 min

Lab File: BE093379.D

Acq: 30 Jun 2017 16:35

Instrument :

BNA\_E

ClientSampled :

SSTDIC0.2

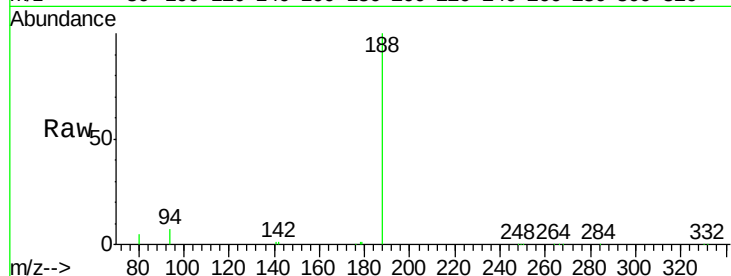
Tgt Ion:188 Resp: 38720

Ion Ratio Lower Upper

188 100

94 7.4 11.3 16.9#

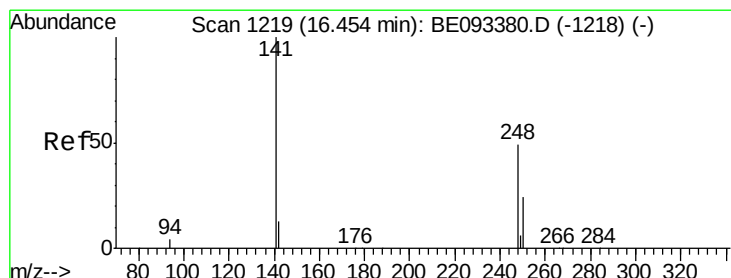
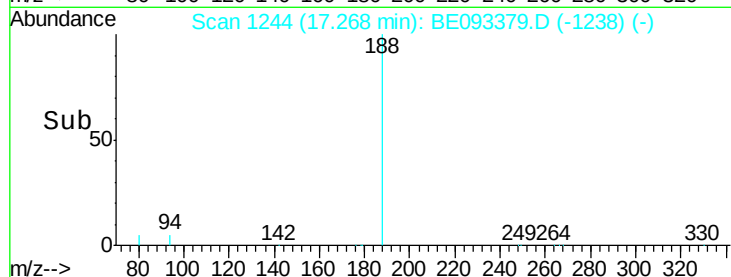
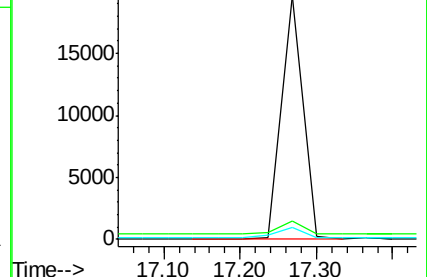
80 5.1 11.7 17.5#



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: 0.063 ng

RT: 16.45 min Scan# 1219

Delta R.T. -0.00 min

Lab File: BE093379.D

Acq: 30 Jun 2017 16:35

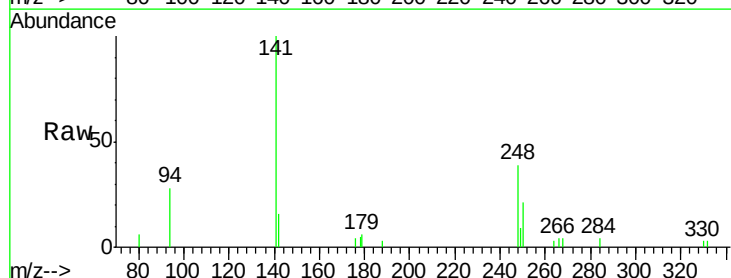
Tgt Ion:248 Resp: 1486

Ion Ratio Lower Upper

248 100

250 54.5 40.8 61.2

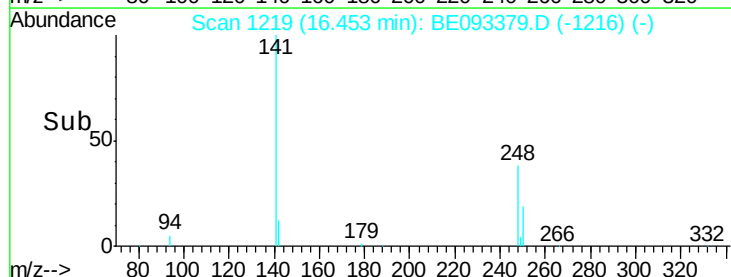
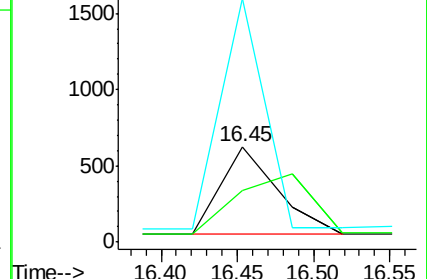
141 254.3 161.6 242.4#

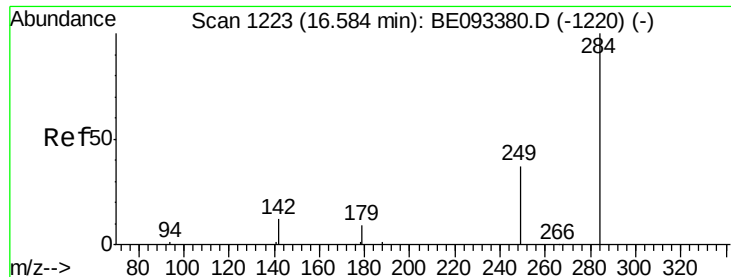


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

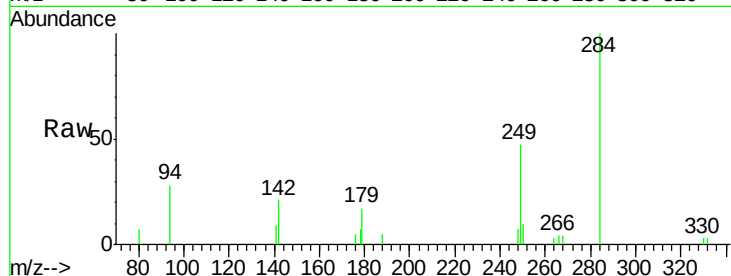




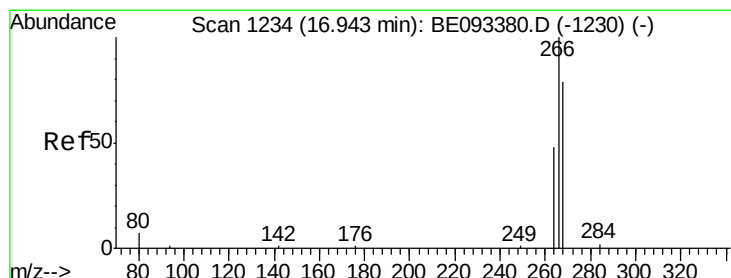
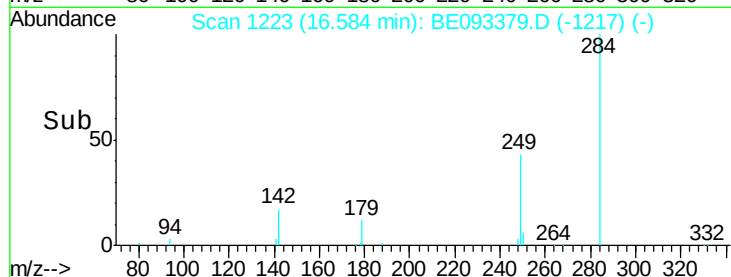
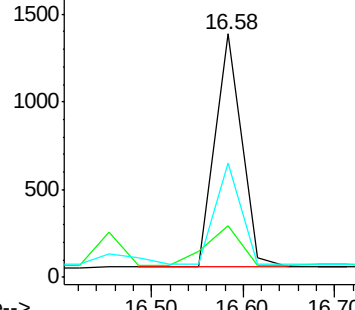
#21  
Hexachlorobenzene  
Concen: 0.130 ng  
RT: 16.58 min Scan# 1223  
Delta R.T. -0.00 min  
Lab File: BE093379.D  
Acq: 30 Jun 2017 16:35

Instrument :  
BNA\_E  
ClientSampleId :  
SSTDIC0.2

Tgt Ion: 284 Resp: 2705  
Ion Ratio Lower Upper  
284 100  
142 21.6 0.0 0.0#  
249 42.0 0.0 0.0#

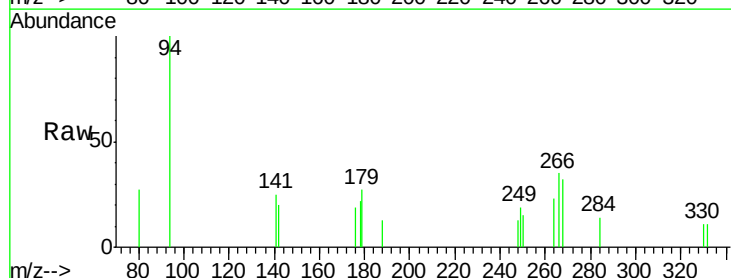


Abundance Ion 283.80 (283.50 to 284.50): E  
Ion 142.00 (141.70 to 142.70): E  
Ion 249.00 (248.70 to 249.70): E

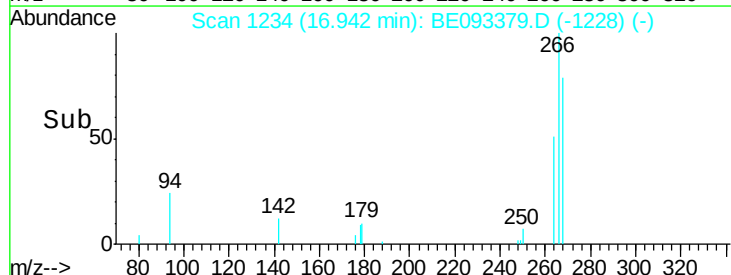
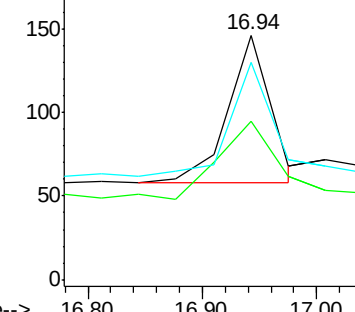


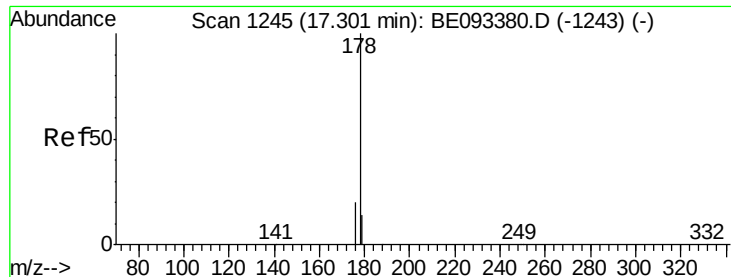
#22  
Pentachlorophenol  
Concen: 0.034 ng  
RT: 16.94 min Scan# 1234  
Delta R.T. -0.00 min  
Lab File: BE093379.D  
Acq: 30 Jun 2017 16:35

Tgt Ion: 266 Resp: 229  
Ion Ratio Lower Upper  
266 100  
264 65.1 58.2 87.2  
268 89.0 71.9 107.9



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: 0.099 ng

RT: 17.30 min Scan# 1245

Delta R.T. -0.00 min

Lab File: BE093379.D

Acq: 30 Jun 2017 16:35

Instrument :

BNA\_E

ClientSampleId :

SSTDIC0.2

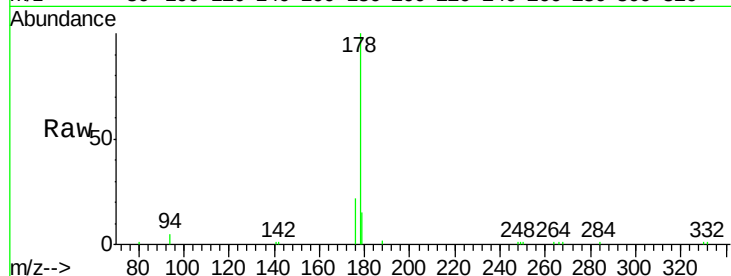
Tgt Ion:178 Resp: 17306

Ion Ratio Lower Upper

178 100

176 20.8 15.0 22.4

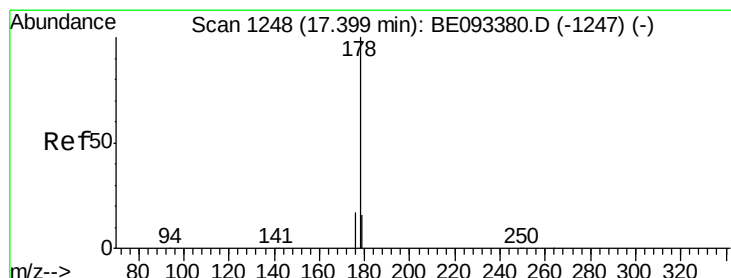
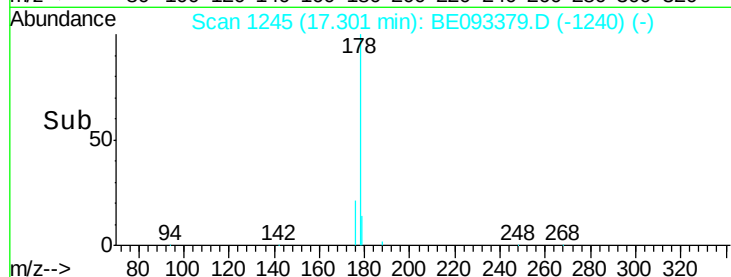
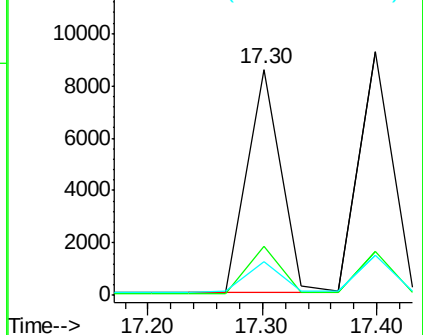
179 14.3 12.7 19.1



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: 0.123 ng

RT: 17.40 min Scan# 1248

Delta R.T. -0.00 min

Lab File: BE093379.D

Acq: 30 Jun 2017 16:35

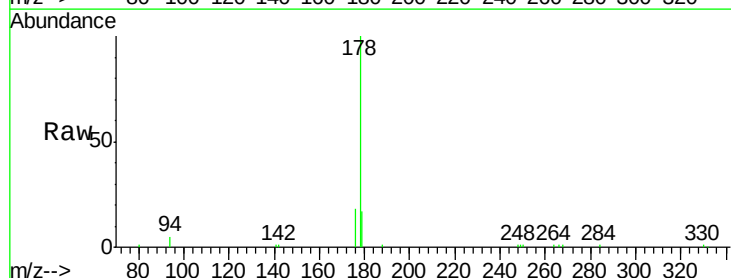
Tgt Ion:178 Resp: 18218

Ion Ratio Lower Upper

178 100

176 17.3 14.6 22.0

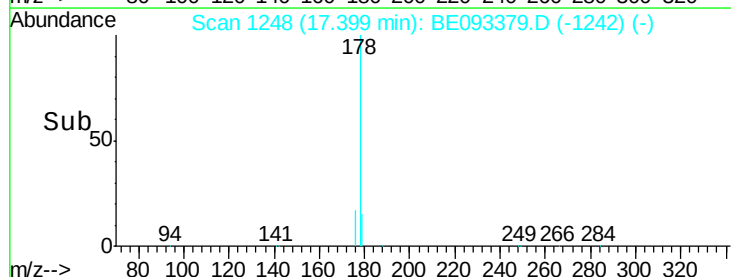
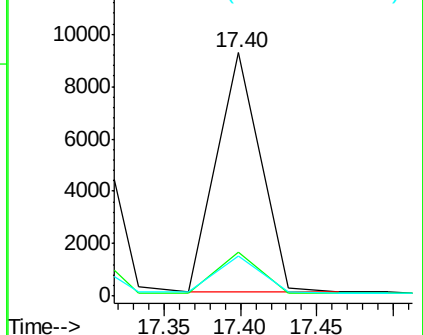
179 15.4 12.0 18.0

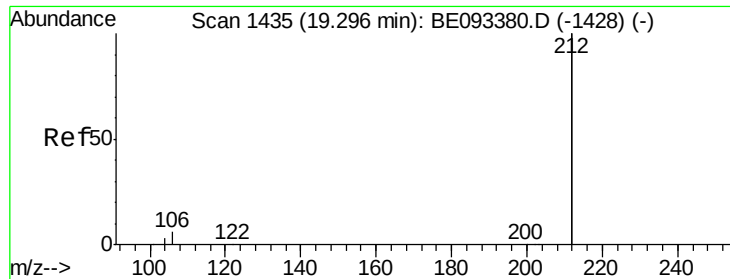


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

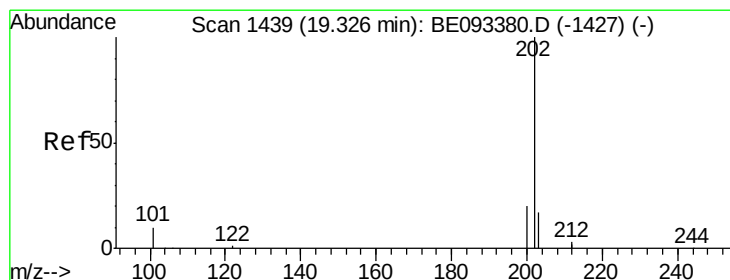
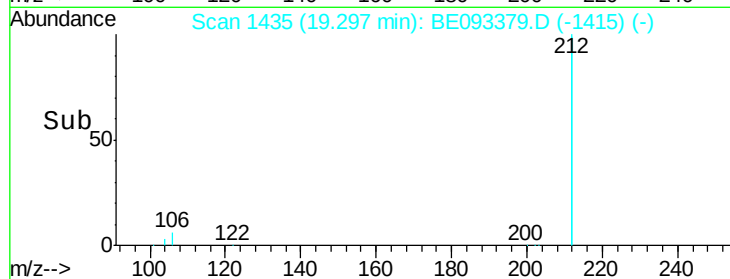
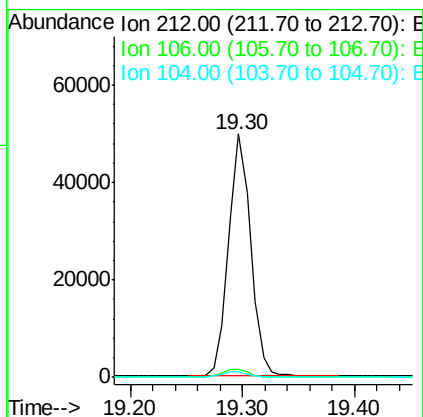
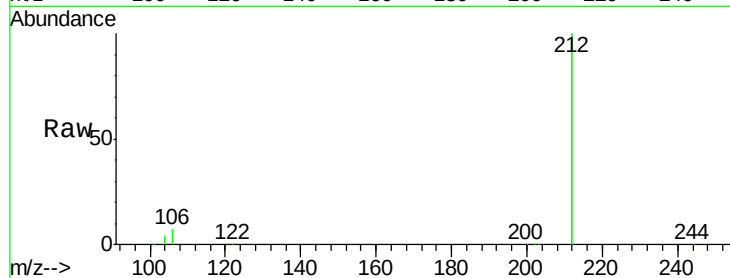




#25  
 Fluoranthene-d10  
 Concen: 0.537 ng  
 RT: 19.30 min Scan# 1435  
 Delta R.T. 0.00 min  
 Lab File: BE093379.D  
 Acq: 30 Jun 2017 16:35

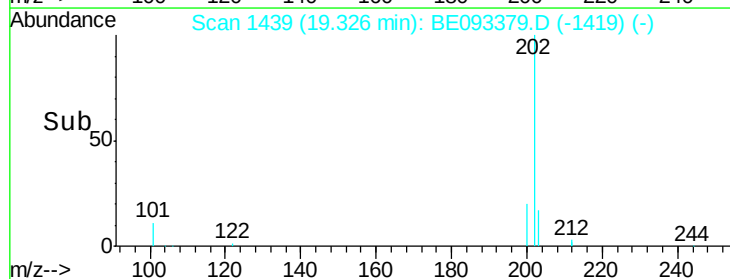
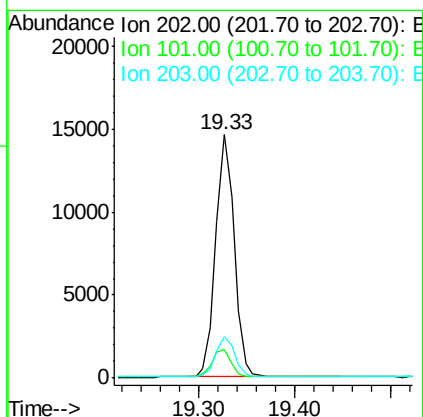
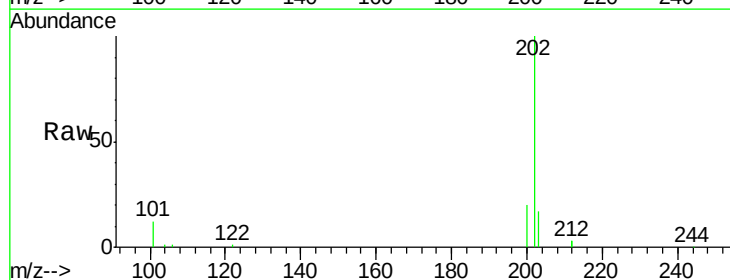
Instrument :  
 BNA\_E  
 ClientSampleId :  
 SSTDICC0.2

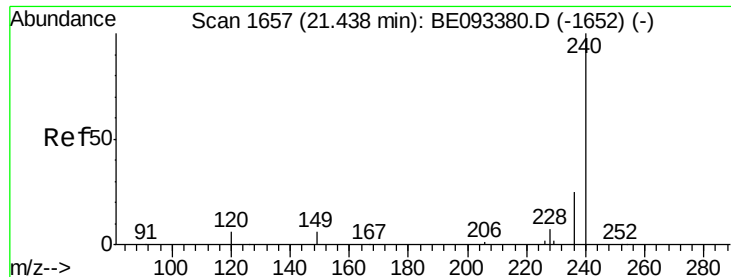
Tgt Ion: 212 Resp: 68458  
 Ion Ratio Lower Upper  
 212 100  
 106 3.6 0.0 0.0#  
 104 2.0 0.0 0.0#



#26  
 Fluoranthene  
 Concen: 0.030 ng  
 RT: 19.33 min Scan# 1439  
 Delta R.T. 0.00 min  
 Lab File: BE093379.D  
 Acq: 30 Jun 2017 16:35

Tgt Ion: 202 Resp: 19302  
 Ion Ratio Lower Upper  
 202 100  
 101 12.1 0.0 0.0#  
 203 17.2 14.4 21.6





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.44 min Scan# 1657

Delta R.T. -0.00 min

Lab File: BE093379.D

Acq: 30 Jun 2017 16:35

Instrument :

BNA\_E

ClientSampleId :

SSTDIC0.2

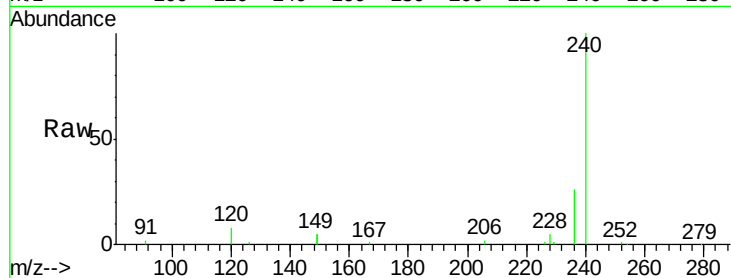
Tgt Ion:240 Resp: 38799

Ion Ratio Lower Upper

240 100

120 7.5 4.6 7.0#

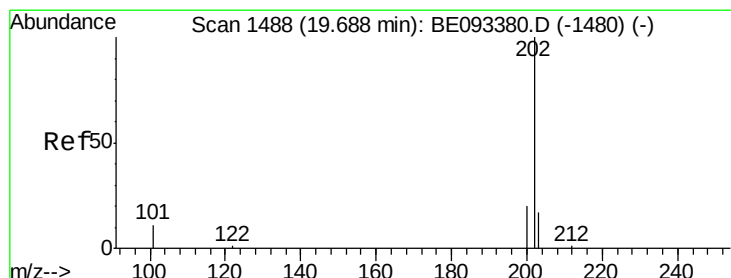
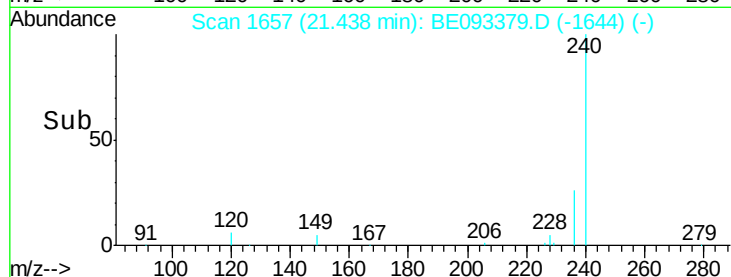
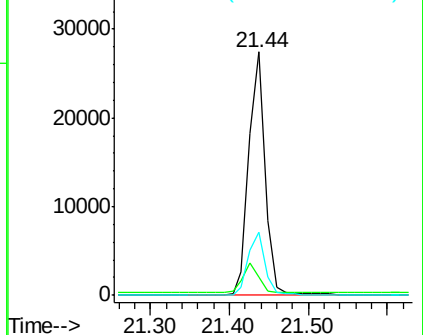
236 25.9 20.8 31.2



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: 0.042 ng

RT: 19.69 min Scan# 1488

Delta R.T. 0.00 min

Lab File: BE093379.D

Acq: 30 Jun 2017 16:35

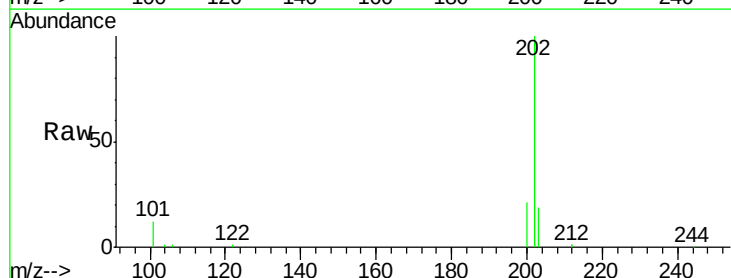
Tgt Ion:202 Resp: 19969

Ion Ratio Lower Upper

202 100

200 21.1 0.0 0.0#

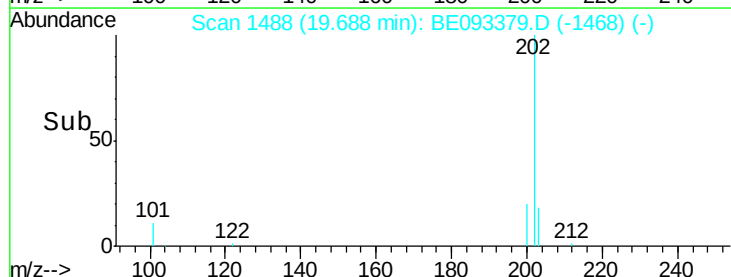
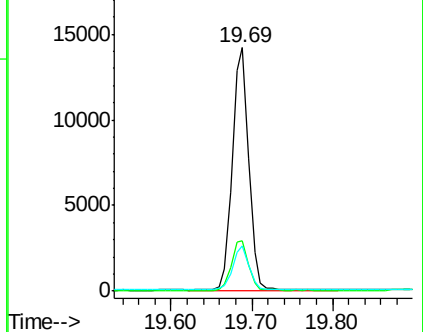
203 17.6 13.7 20.5



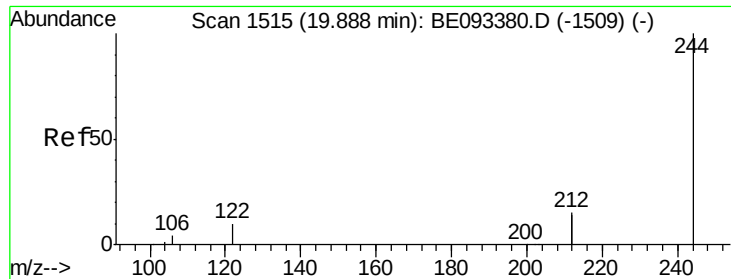
Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E







#29

Terphenyl-d14

Concen: 0.190 ng

RT: 19.89 min Scan# 1515

Delta R.T. 0.00 min

Lab File: BE093379.D

Acq: 30 Jun 2017 16:35

Instrument :

BNA\_E

ClientSampleId :

SSTDIC0.2

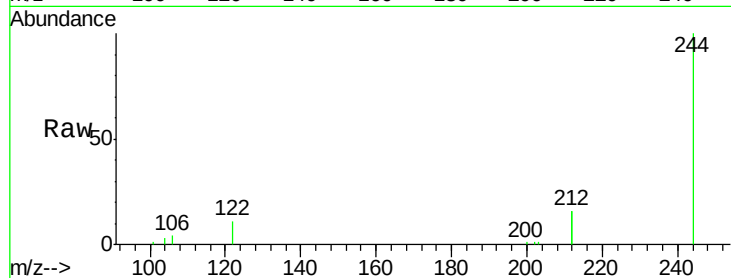
Tgt Ion:244 Resp: 14192

Ion Ratio Lower Upper

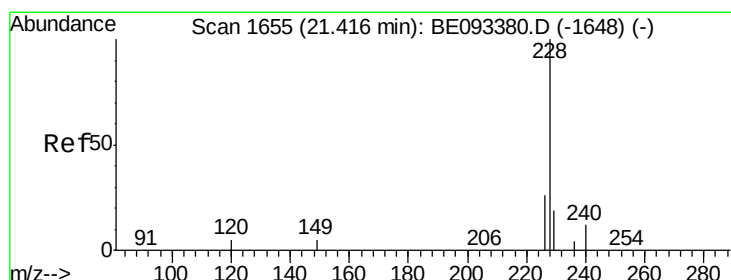
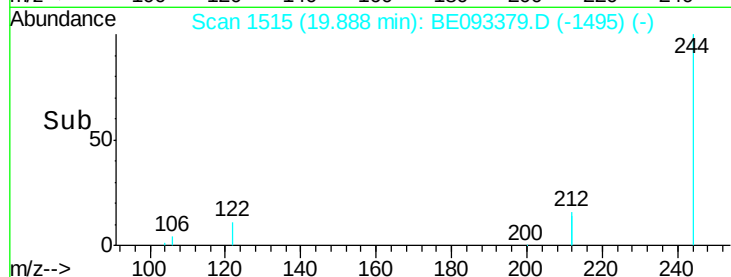
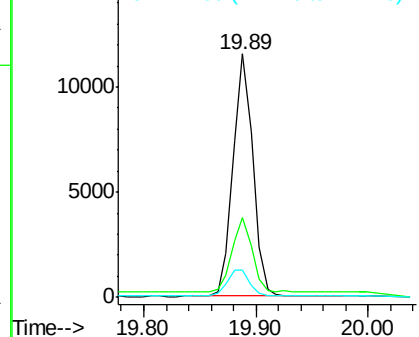
244 100

212 32.8 10.6 16.0#

122 11.2 15.4 23.0#



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: 0.196 ng

RT: 21.42 min Scan# 1655

Delta R.T. -0.00 min

Lab File: BE093379.D

Acq: 30 Jun 2017 16:35

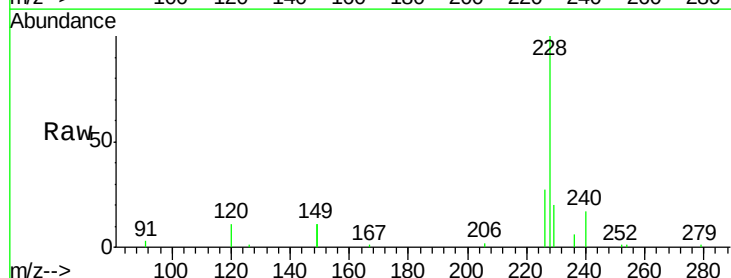
Tgt Ion:228 Resp: 20568

Ion Ratio Lower Upper

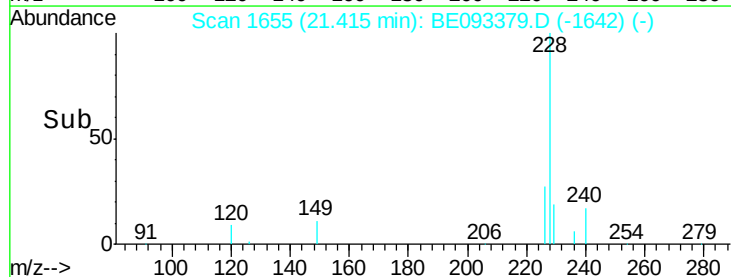
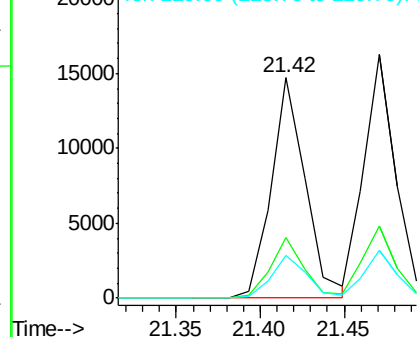
228 100

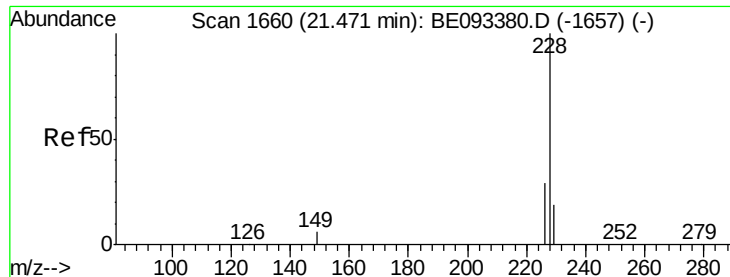
226 27.4 19.7 29.5

229 19.5 19.2 28.8



Abundance Ion 228.00 (227.70 to 228.70): E  
Ion 226.00 (225.70 to 226.70): E  
Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.193 ng

RT: 21.47 min Scan# 1660

Delta R.T. -0.00 min

Lab File: BE093379.D

Acq: 30 Jun 2017 16:35

Instrument :

BNA\_E

ClientSampleId :

SSTDIC0.2

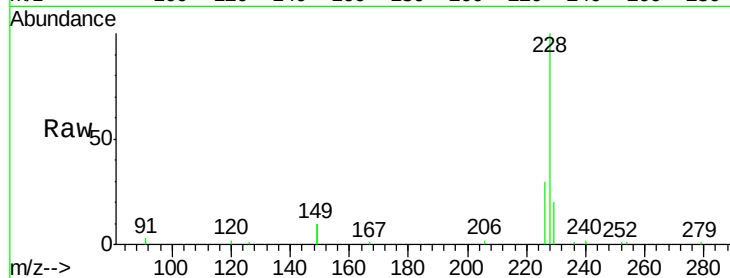
Tgt Ion:228 Resp: 21541

Ion Ratio Lower Upper

228 100

226 29.9 21.5 32.3

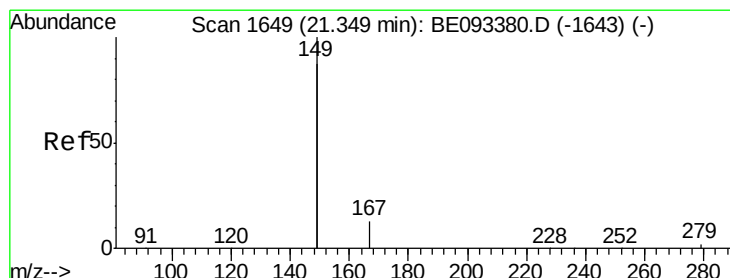
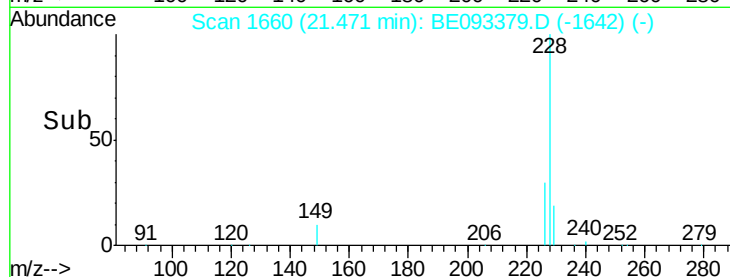
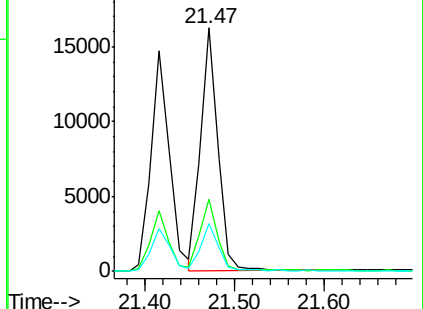
229 19.7 18.6 28.0



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: 0.572 ng

RT: 21.35 min Scan# 1649

Delta R.T. -0.00 min

Lab File: BE093379.D

Acq: 30 Jun 2017 16:35

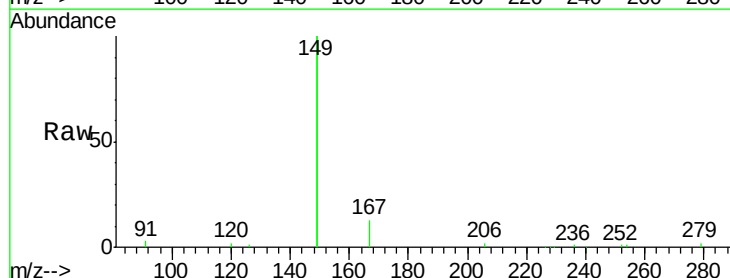
Tgt Ion:149 Resp: 29159

Ion Ratio Lower Upper

149 100

167 6.5 20.1 30.1#

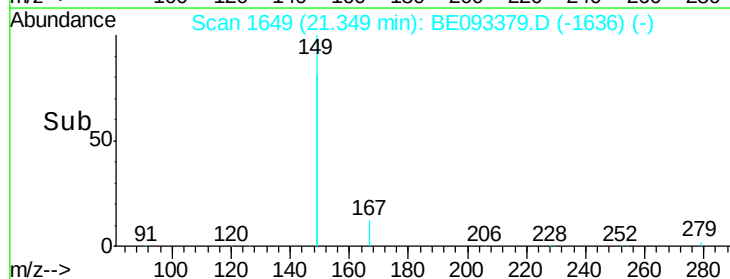
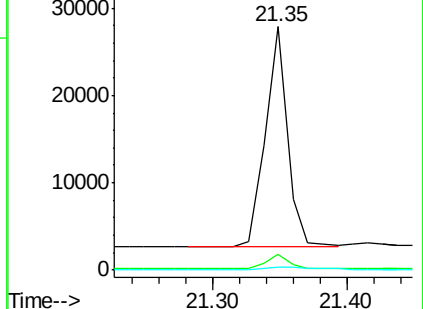
279 1.5 2.2 3.4#

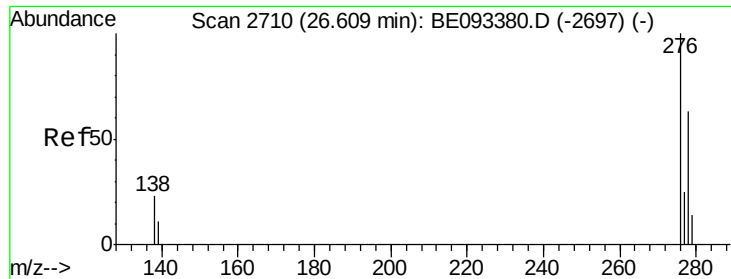


Abundance Ion 149.00 (148.70 to 149.70): E

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: 0.049 ng

RT: 26.61 min Scan# 2710

Delta R.T. -0.00 min

Lab File: BE093379.D

Acq: 30 Jun 2017 16:35

Instrument :

BNA\_E

ClientSampleId :

SSTDIC0.2

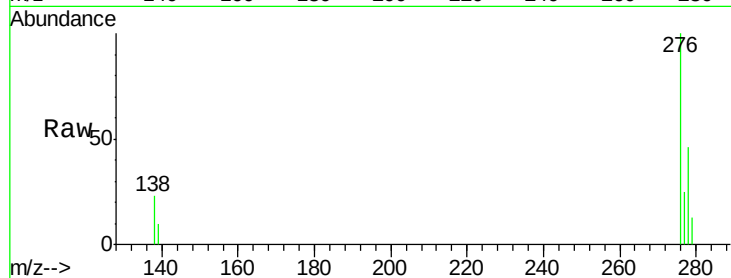
Tgt Ion:276 Resp: 20640

Ion Ratio Lower Upper

276 100

138 25.5 27.4 41.2#

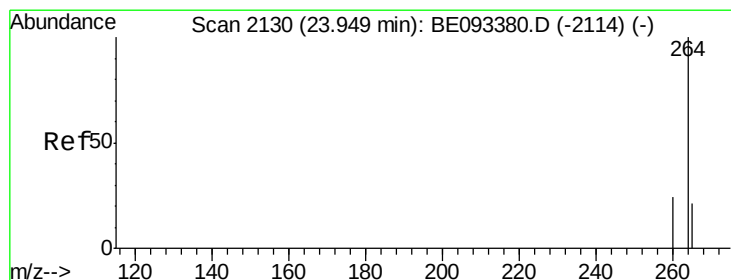
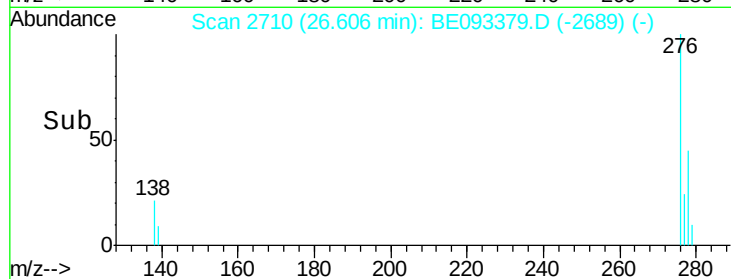
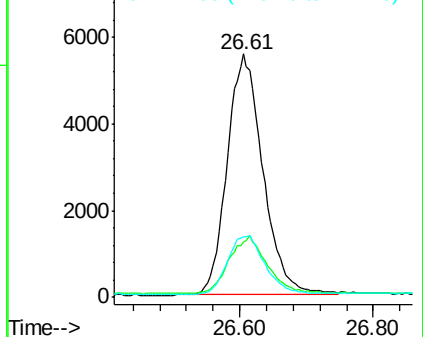
277 25.5 20.1 30.1



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#34

Perylene-d12

Concen: 0.400 ng

RT: 23.95 min Scan# 2131

Delta R.T. 0.00 min

Lab File: BE093379.D

Acq: 30 Jun 2017 16:35

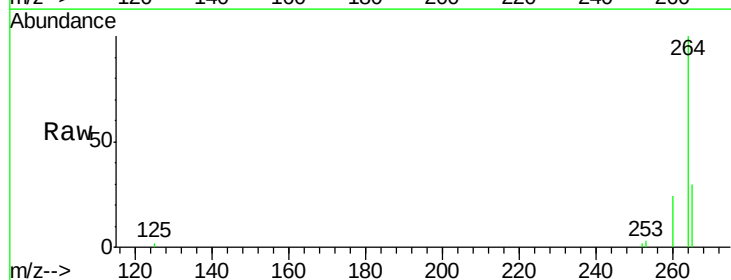
Tgt Ion:264 Resp: 34825

Ion Ratio Lower Upper

264 100

260 24.3 21.0 31.4

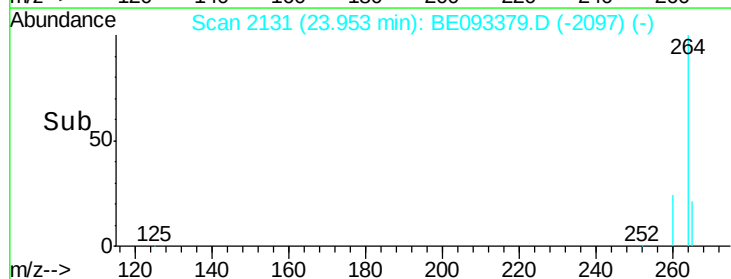
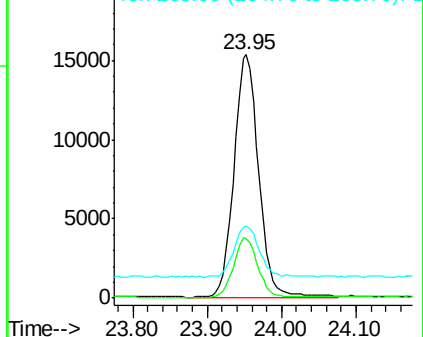
265 29.9 24.6 36.8

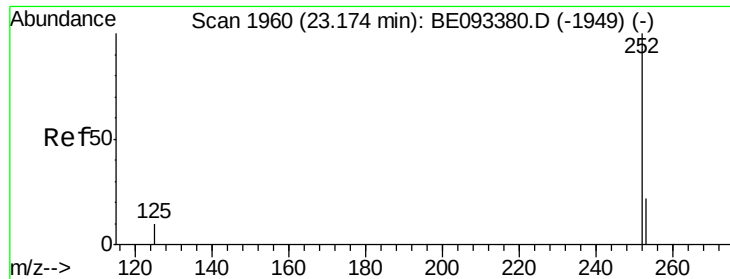


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

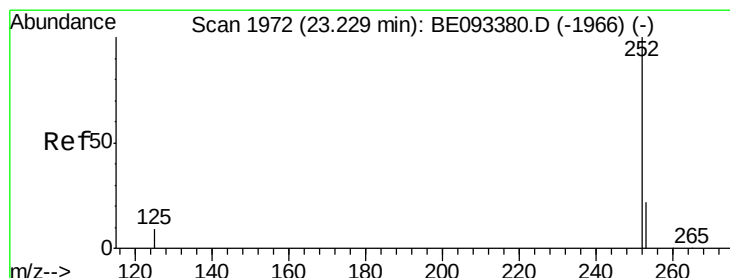
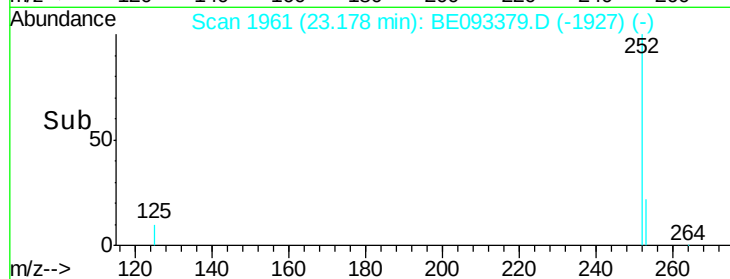
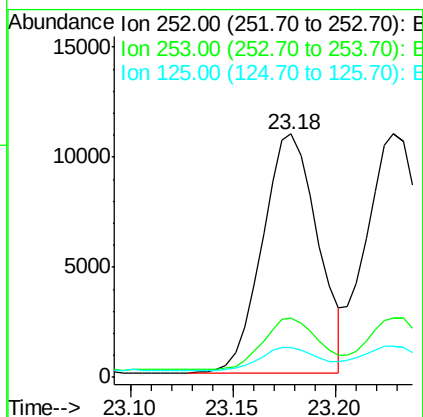
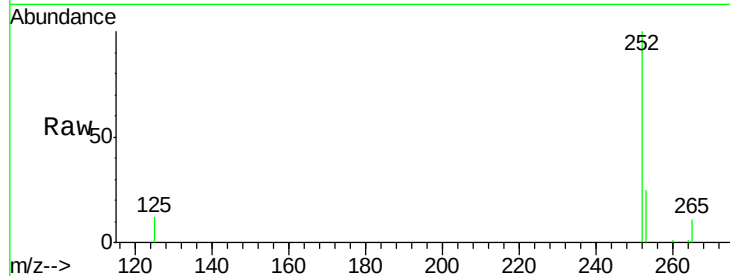




#35  
Benzo(b)fluoranthene  
Concen: 0.182 ng  
RT: 23.18 min Scan# 1961  
Delta R.T. 0.00 min  
Lab File: BE093379.D  
Acq: 30 Jun 2017 16:35

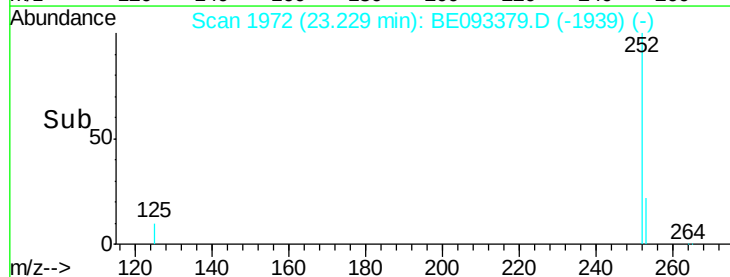
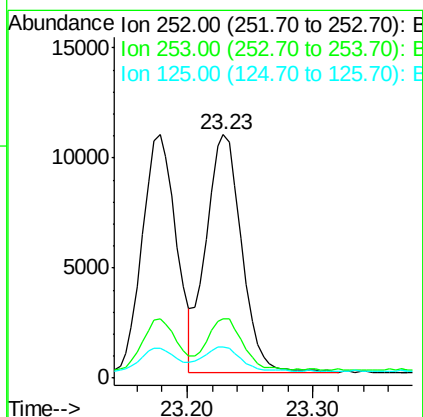
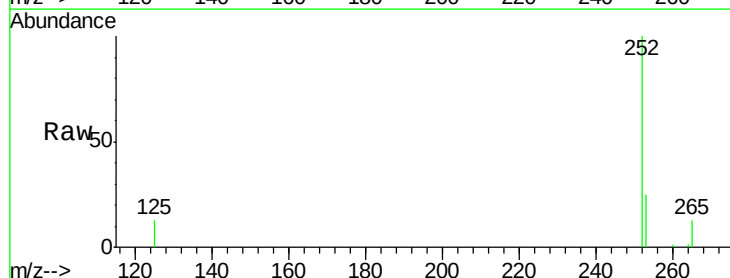
Instrument :  
BNA\_E  
ClientSampleId :  
SSTDIC0.2

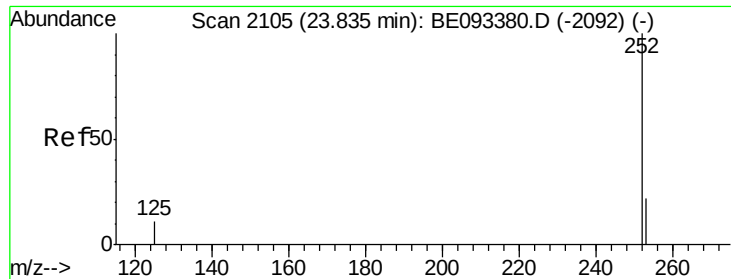
Tgt Ion: 252 Resp: 20415  
Ion Ratio Lower Upper  
252 100  
253 24.6 18.5 27.7  
125 12.2 13.4 20.0#



#36  
Benzo(k)fluoranthene  
Concen: 0.197 ng  
RT: 23.23 min Scan# 1972  
Delta R.T. -0.00 min  
Lab File: BE093379.D  
Acq: 30 Jun 2017 16:35

Tgt Ion: 252 Resp: 21227  
Ion Ratio Lower Upper  
252 100  
253 24.6 20.3 30.5  
125 12.9 12.2 18.4





#37

Benzo(a)pyrene

Concen: 0.187 ng

RT: 23.84 min Scan# 2106

Delta R.T. 0.00 min

Lab File: BE093379.D

Acq: 30 Jun 2017 16:35

Instrument :

BNA\_E

ClientSampleId :

SSTDIC0.2

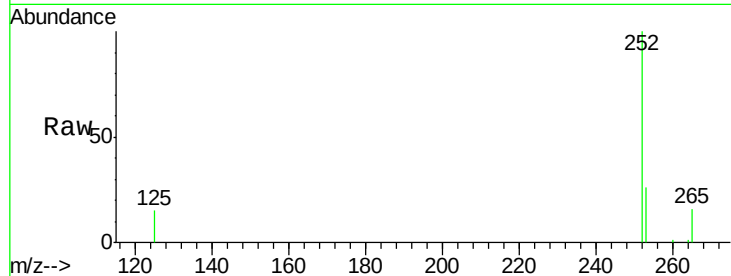
Tgt Ion:252 Resp: 18046

Ion Ratio Lower Upper

252 100

253 25.9 19.9 29.9

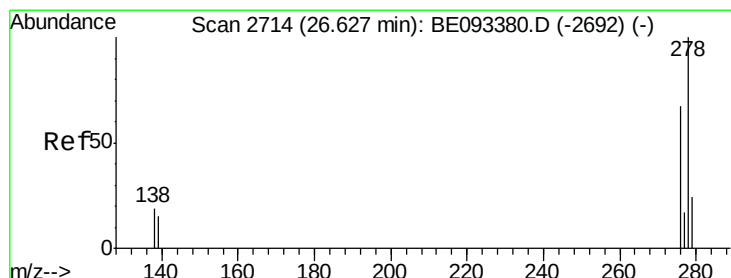
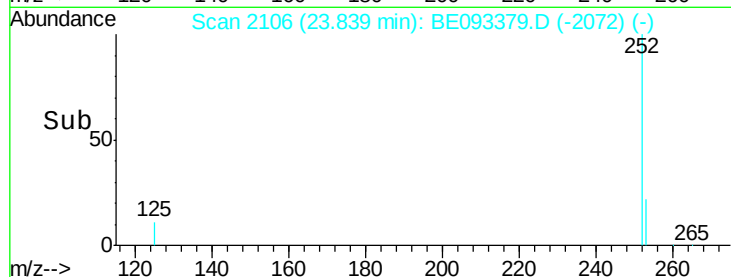
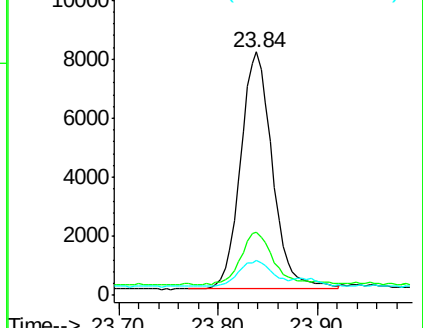
125 14.6 14.6 21.8



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: 0.182 ng

RT: 26.63 min Scan# 2716

Delta R.T. 0.01 min

Lab File: BE093379.D

Acq: 30 Jun 2017 16:35

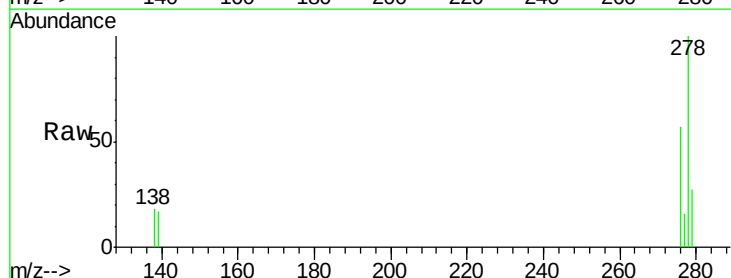
Tgt Ion:278 Resp: 18330

Ion Ratio Lower Upper

278 100

139 16.6 21.4 32.0#

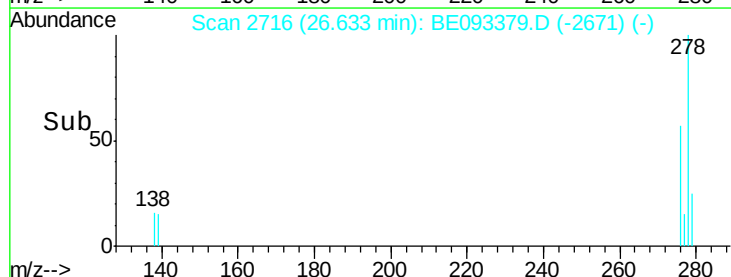
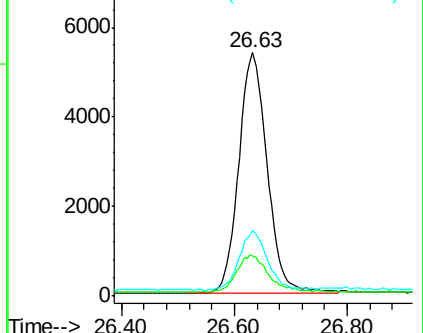
279 27.1 22.2 33.2

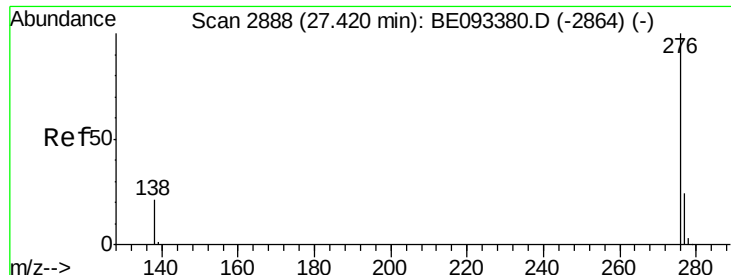


Abundance Ion 278.00 (277.70 to 278.70): E

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: 0.047 ng

RT: 27.42 min Scan# 2888

Delta R.T. -0.00 min

Lab File: BE093379.D

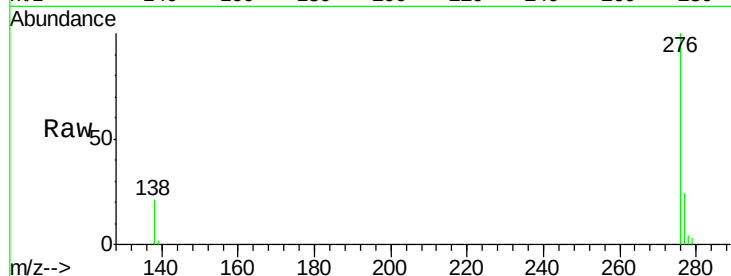
Acq: 30 Jun 2017 16:35

Instrument :

BNA\_E

ClientSampleId :

SSTDICC0.2



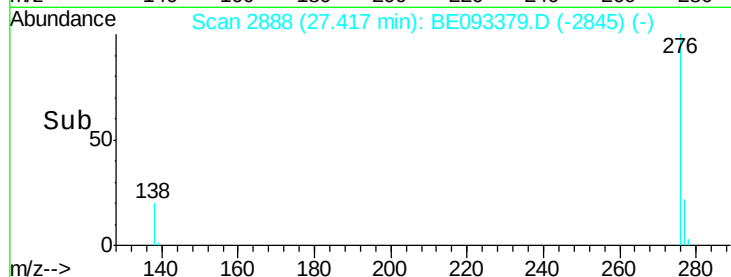
Tgt Ion: 276 Resp: 19265

Ion Ratio Lower Upper

276 100

277 23.5 21.2 31.8

138 21.5 24.5 36.7#



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

