

Data Path : Z:\HPCHEM1\BNA\_E\DATA\BE080717\  
 Data File : BE093696.D  
 Acq On : 7 Aug 2017 11:09  
 Operator : SJ/JU  
 Sample : SSTDICC0.8  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 BNA\_E  
 ClientSampleId :  
 SSTDICC0.8

Quant Time: Aug 07 11:43:24 2017  
 Quant Method : Z:\HPCHEM1\BNA\_E\METHODS\8270-SIM-BE080717.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Aug 07 11:34:36 2017  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|---------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.92  | 152  | 2589     | 0.40 | ng    | 0.00     |
| 7) Naphthalene-d8         | 10.71 | 136  | 12960    | 0.40 | ng    | 0.00     |
| 13) Acenaphthene-d10      | 14.53 | 164  | 7516     | 0.40 | ng    | 0.00     |
| 19) Phenanthrene-d10      | 17.24 | 188  | 19296    | 0.40 | ng    | 0.00     |
| 27) Chrysene-d12          | 21.40 | 240  | 20742    | 0.40 | ng    | 0.00     |
| 34) Perylene-d12          | 23.91 | 264  | 18316    | 0.40 | ng    | 0.00     |

|                             |       |     |        |      |    |      |
|-----------------------------|-------|-----|--------|------|----|------|
| System Monitoring Compounds |       |     |        |      |    |      |
| 4) 2-Fluorophenol           | 5.51  | 112 | 6677   | 0.87 | ng | 0.00 |
| 5) Phenol-d6                | 7.09  | 99  | 10102  | 0.87 | ng | 0.00 |
| 8) Nitrobenzene-d5          | 9.06  | 82  | 8456   | 0.85 | ng | 0.00 |
| 11) 2-Methylnaphthalene-d10 | 12.29 | 152 | 16639  | 0.81 | ng | 0.00 |
| 14) 2,4,6-Tribromophenol    | 16.00 | 330 | 1576   | 0.91 | ng | 0.00 |
| 15) 2-Fluorobiphenyl        | 13.15 | 172 | 23347  | 0.78 | ng | 0.00 |
| 25) Fluoranthene-d10        | 19.27 | 212 | 168408 | 0.77 | ng | 0.00 |
| 29) Terphenyl-d14           | 19.86 | 244 | 28948  | 0.78 | ng | 0.00 |

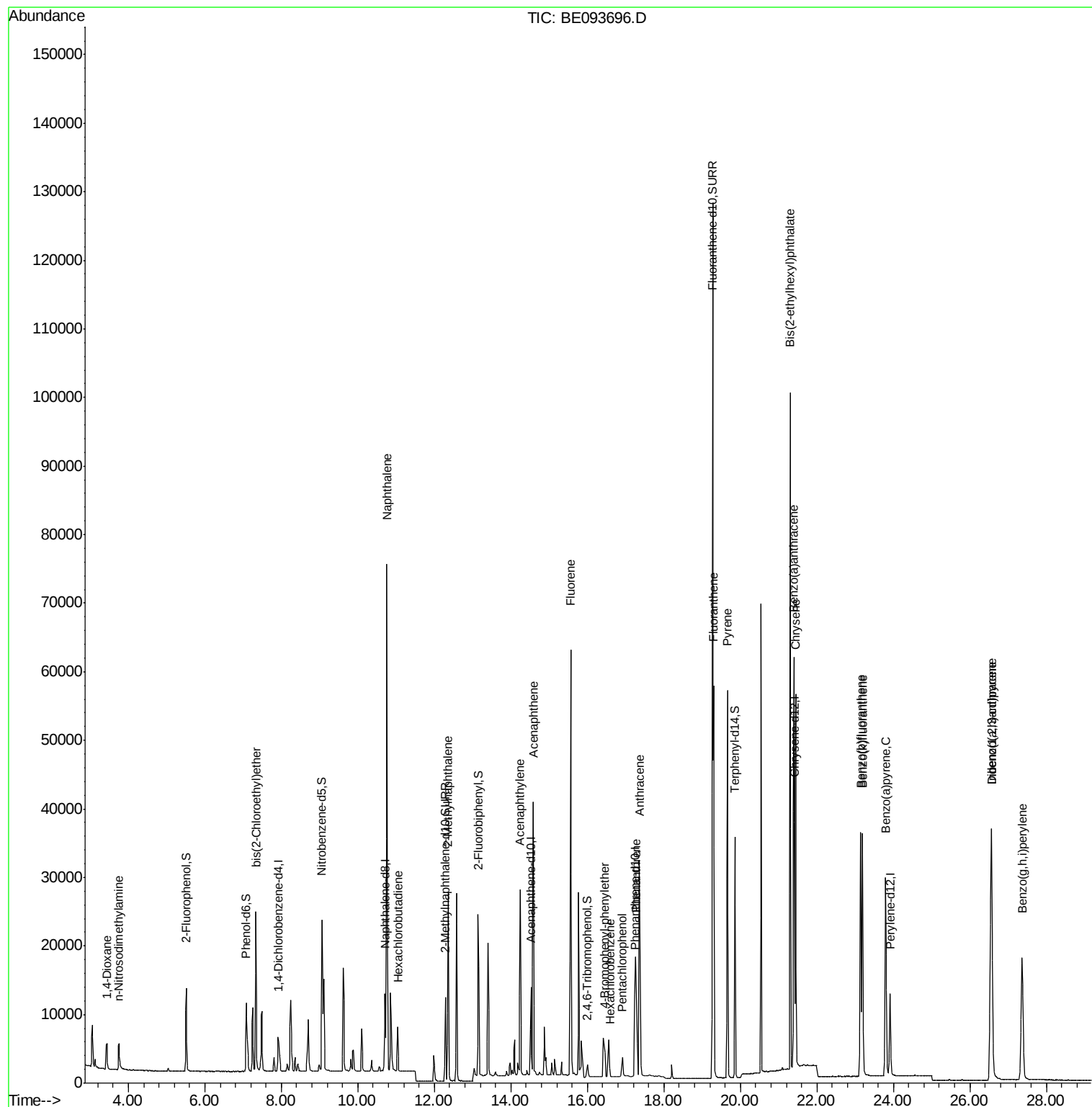
|                                |       |     |        |       |    |        |
|--------------------------------|-------|-----|--------|-------|----|--------|
| Target Compounds               |       |     |        |       |    | Qvalue |
| 2) 1,4-Dioxane                 | 3.44  | 88  | 2946   | 0.702 | ng | 90     |
| 3) n-Nitrosodimethylamine      | 3.74  | 42  | 3216   | 0.818 | ng | 89     |
| 6) bis(2-Chloroethyl)ether     | 7.34  | 93  | 7879   | 0.807 | ng | # 100  |
| 9) Naphthalene                 | 10.76 | 128 | 118884 | 0.792 | ng | 99     |
| 10) Hexachlorobutadiene        | 11.04 | 225 | 4310   | 0.775 | ng | 97     |
| 12) 2-Methylnaphthalene        | 12.36 | 142 | 19996  | 0.806 | ng | 97     |
| 16) Acenaphthylene             | 14.24 | 152 | 30309  | 0.844 | ng | # 88   |
| 17) Acenaphthene               | 14.58 | 154 | 20186  | 0.797 | ng | 98     |
| 18) Fluorene                   | 15.56 | 166 | 25919  | 0.765 | ng | # 88   |
| 20) 4-Bromophenyl-phenylether  | 16.45 | 248 | 4150   | 0.680 | ng | 86     |
| 21) Hexachlorobenzene          | 16.58 | 284 | 4320   | 0.695 | ng | # 100  |
| 22) Pentachlorophenol          | 16.91 | 266 | 3000   | 1.127 | ng | 95     |
| 23) Phenanthrene               | 17.27 | 178 | 31426  | 0.741 | ng | # 79   |
| 24) Anthracene                 | 17.37 | 178 | 48010  | 0.827 | ng | # 89   |
| 26) Fluoranthene               | 19.30 | 202 | 51540  | 0.763 | ng | 99     |
| 28) Pyrene                     | 19.66 | 202 | 52650  | 0.786 | ng | # 99   |
| 30) Benzo(a)anthracene         | 21.39 | 228 | 51835  | 0.850 | ng | 95     |
| 31) Chrysene                   | 21.45 | 228 | 53342  | 0.785 | ng | 95     |
| 32) Bis(2-ethylhexyl)phthalate | 21.30 | 149 | 100582 | 1.210 | ng | 98     |
| 33) Indeno(1,2,3-cd)pyrene     | 26.55 | 276 | 51475  | 0.836 | ng | 93     |
| 35) Benzo(b)fluoranthene       | 23.14 | 252 | 49407  | 0.756 | ng | # 94   |
| 36) Benzo(k)fluoranthene       | 23.19 | 252 | 50689  | 0.759 | ng | # 93   |
| 37) Benzo(a)pyrene             | 23.80 | 252 | 47192  | 0.797 | ng | # 92   |
| 38) Dibenzo(a,h)anthracene     | 26.57 | 278 | 44493  | 0.779 | ng | # 88   |
| 39) Benzo(g,h,i)perylene       | 27.37 | 276 | 44345  | 0.765 | ng | # 92   |

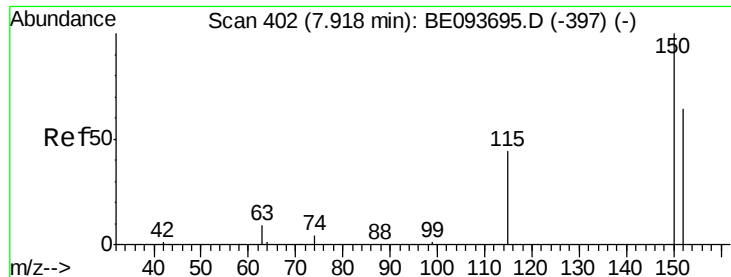
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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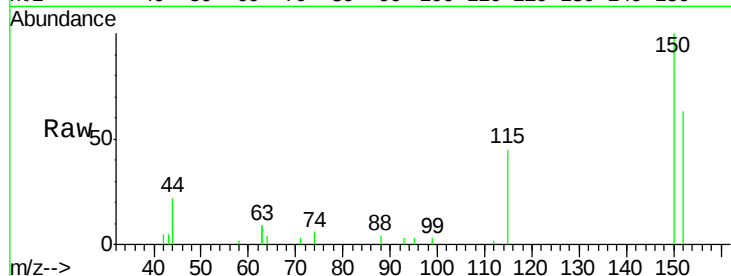


#1

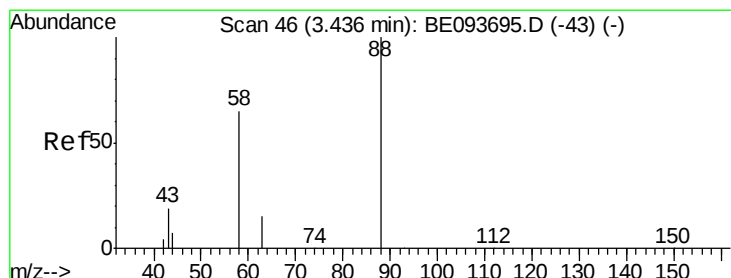
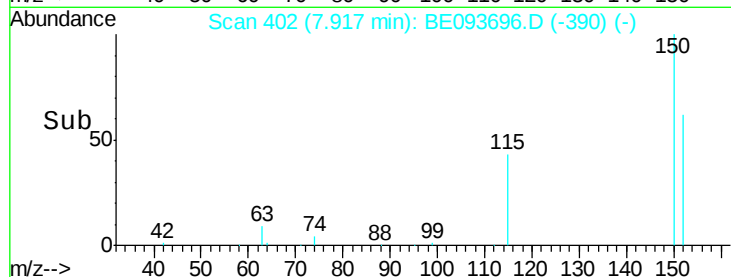
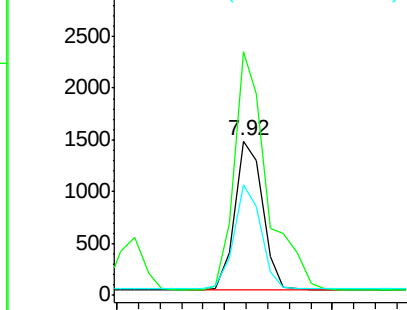
1,4-Dichlorobenzene-d4  
Concen: 0.400 ng  
RT: 7.92 min Scan# 402  
Delta R.T. -0.00 min  
Lab File: BE093696.D  
Acq: 7 Aug 2017 11:09

Instrument :  
BNA\_E  
ClientSampleId :  
SSTDIC0.8

Tgt Ion: 152 Resp: 2589  
Ion Ratio Lower Upper  
152 100  
150 158.0 125.1 187.7  
115 71.7 55.7 83.5



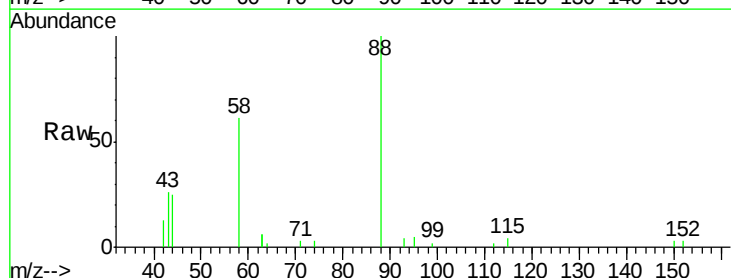
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



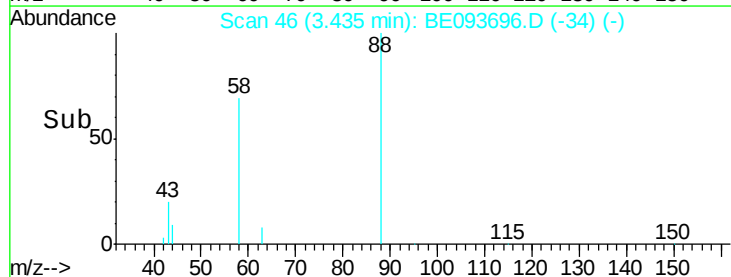
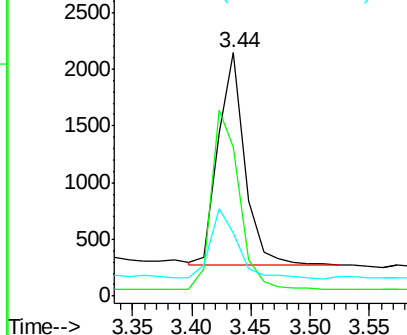
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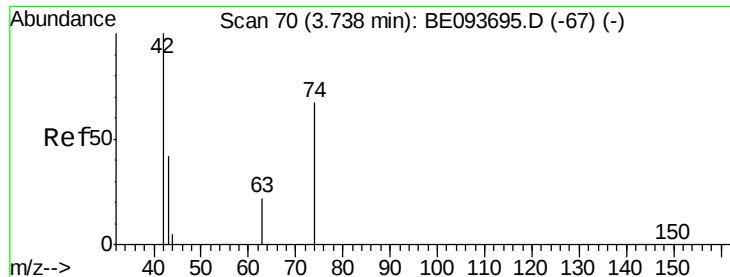
1,4-Dioxane  
Concen: 0.702 ng  
RT: 3.44 min Scan# 46  
Delta R.T. -0.00 min  
Lab File: BE093696.D  
Acq: 7 Aug 2017 11:09

Tgt Ion: 88 Resp: 2946  
Ion Ratio Lower Upper  
88 100  
58 87.6 62.2 93.4  
43 33.5 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



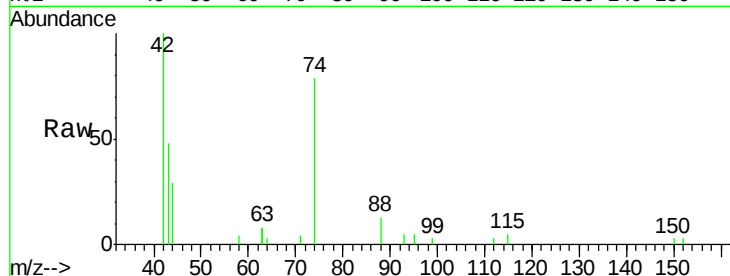


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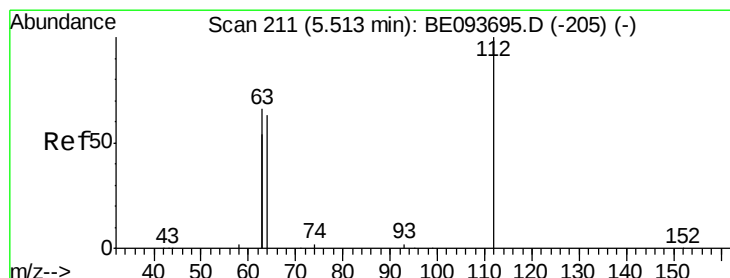
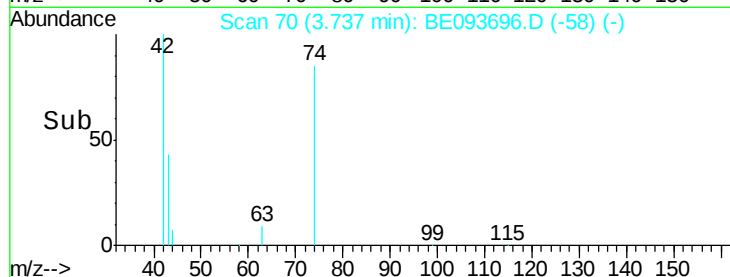
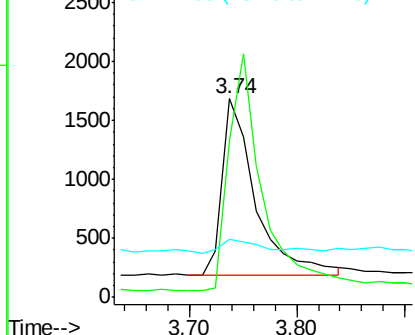
n-Nitrosodimethylamine  
Concen: 0.818 ng  
RT: 3.74 min Scan# 70  
Delta R.T. -0.00 min  
Lab File: BE093696.D  
Acq: 7 Aug 2017 11:09

Instrument :  
BNA\_E  
ClientSampleId :  
SSTDIC0.8

Tgt Ion: 42 Resp: 3216  
Ion Ratio Lower Upper  
42 100  
74 136.7 99.1 148.7  
44 8.5 7.4 11.2



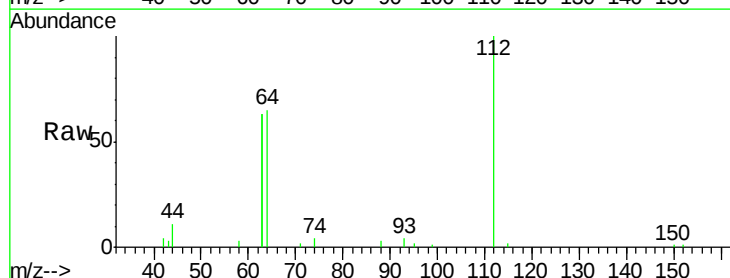
Abundance Ion 42.00 (41.70 to 42.70): BE0  
Ion 74.00 (73.70 to 74.70): BE0  
Ion 44.00 (43.70 to 44.70): BE0



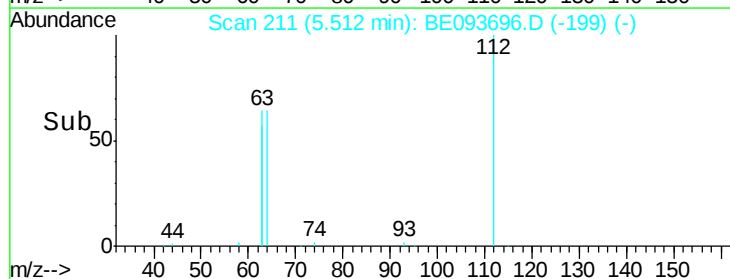
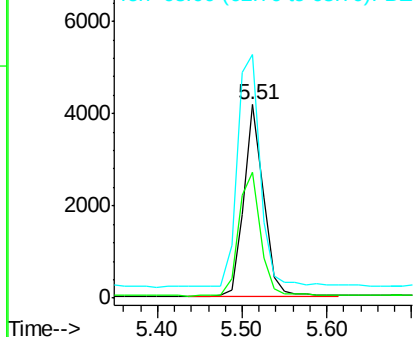
#4

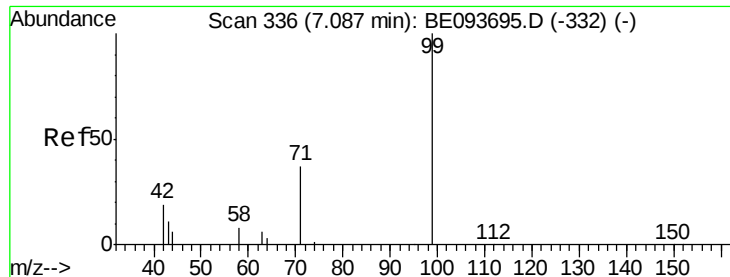
2-Fluorophenol  
Concen: 0.866 ng  
RT: 5.51 min Scan# 211  
Delta R.T. -0.00 min  
Lab File: BE093696.D  
Acq: 7 Aug 2017 11:09

Tgt Ion: 112 Resp: 6677  
Ion Ratio Lower Upper  
112 100  
64 72.3 56.4 84.6  
63 142.5 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: 0.870 ng

RT: 7.09 min Scan# 336

Delta R.T. -0.00 min

Lab File: BE093696.D

Acq: 7 Aug 2017 11:09

Instrument :

BNA\_E

ClientSampleId :

SSTDIC0.8

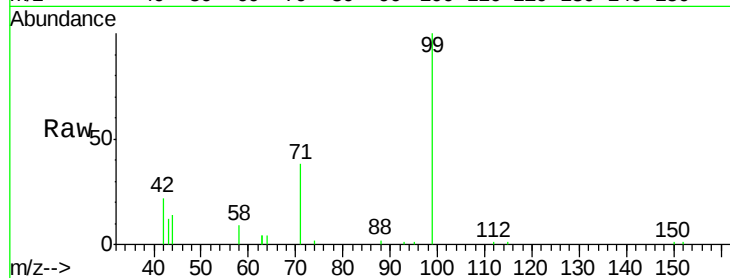
Tgt Ion: 99 Resp: 10102

Ion Ratio Lower Upper

99 100

42 20.2 0.0 0.0#

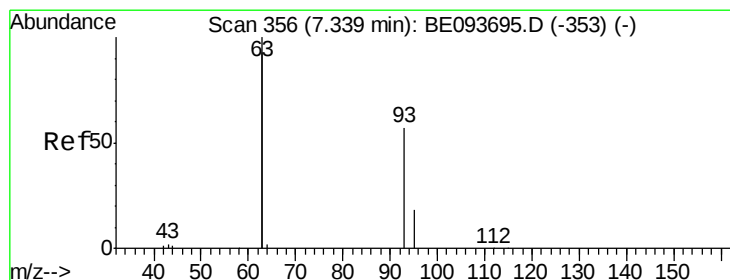
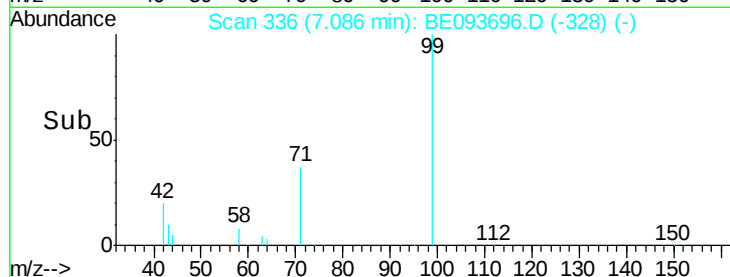
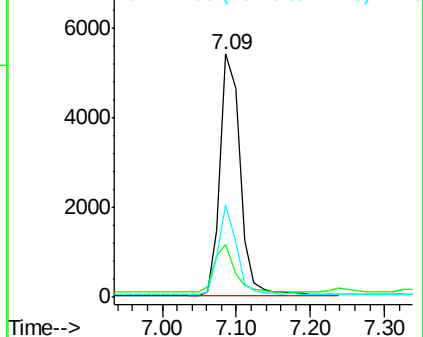
71 34.1 0.0 0.0#



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: 0.807 ng

RT: 7.34 min Scan# 356

Delta R.T. -0.00 min

Lab File: BE093696.D

Acq: 7 Aug 2017 11:09

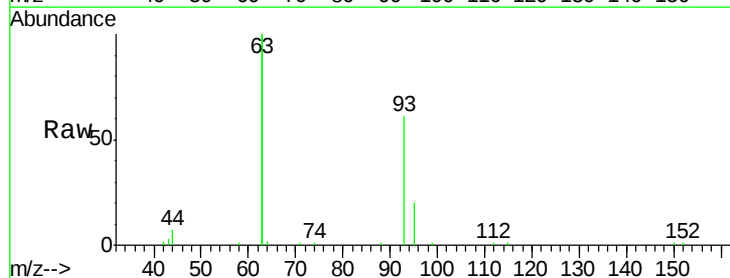
Tgt Ion: 93 Resp: 7879

Ion Ratio Lower Upper

93 100

63 350.1 0.0 0.0#

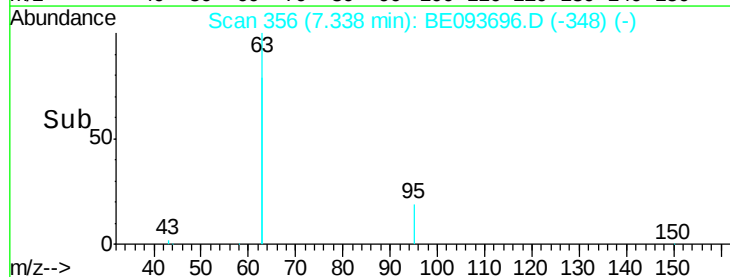
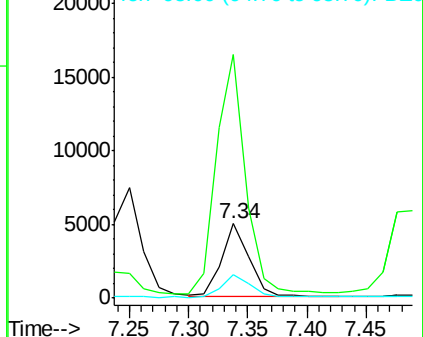
95 31.8 25.4 38.0

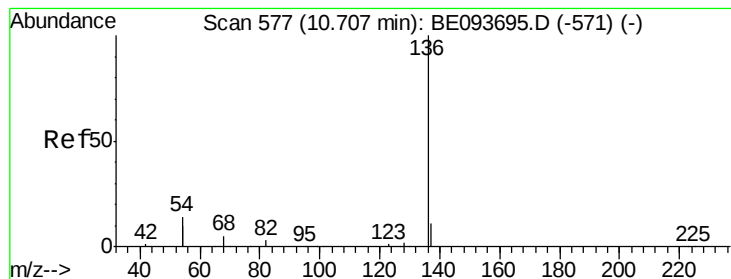


Abundance Ion 93.00 (92.70 to 93.70): BE0

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: 10.71 min Scan# 577

Delta R.T. -0.00 min

Lab File: BE093696.D

Acq: 7 Aug 2017 11:09

Instrument :

BNA\_E

ClientSampleId :

SSTDIC0.8

Tgt Ion:136 Resp: 12960

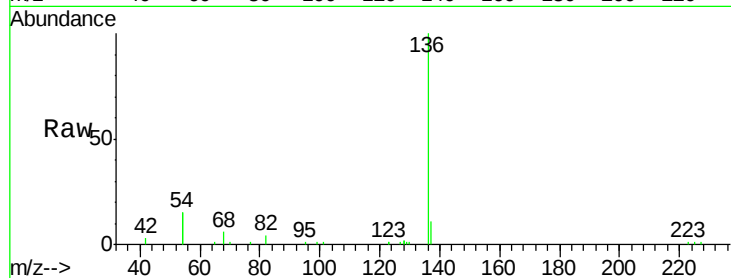
Ion Ratio Lower Upper

136 100

137 11.4 9.8 14.8

54 29.4 10.3 15.5#

68 6.2 9.0 13.4#

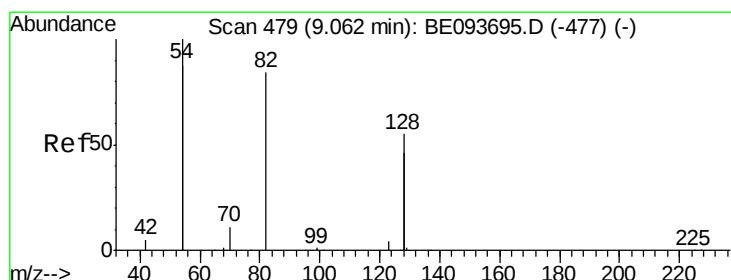
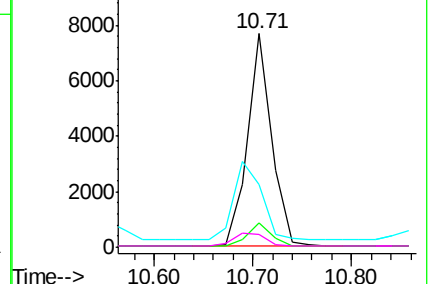
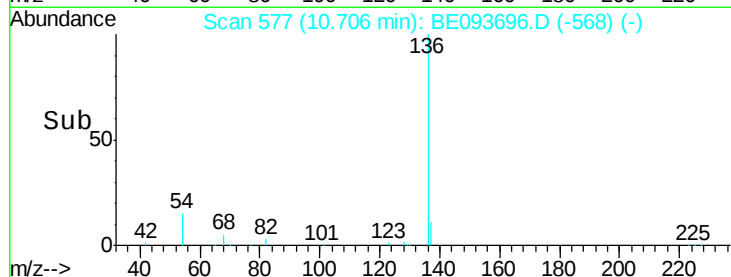


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.855 ng

RT: 9.06 min Scan# 479

Delta R.T. -0.00 min

Lab File: BE093696.D

Acq: 7 Aug 2017 11:09

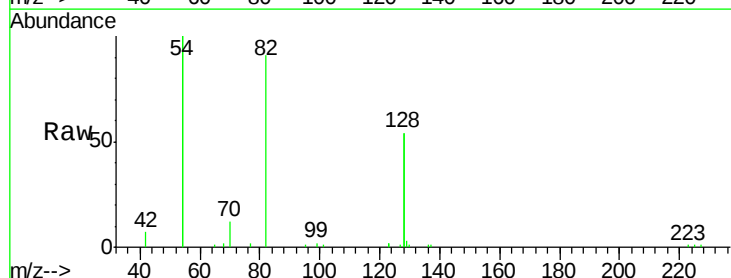
Tgt Ion: 82 Resp: 8456

Ion Ratio Lower Upper

82 100

128 118.9 17.0 25.4#

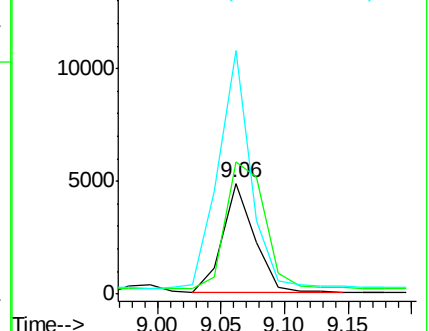
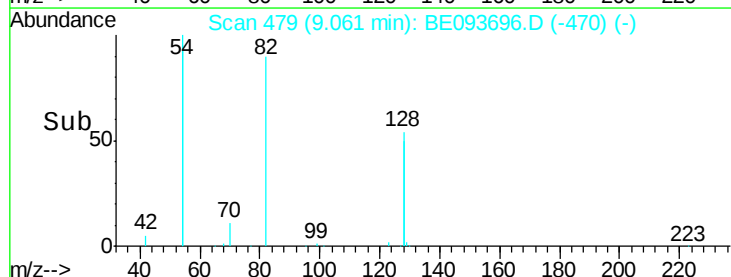
54 219.7 53.8 80.6#

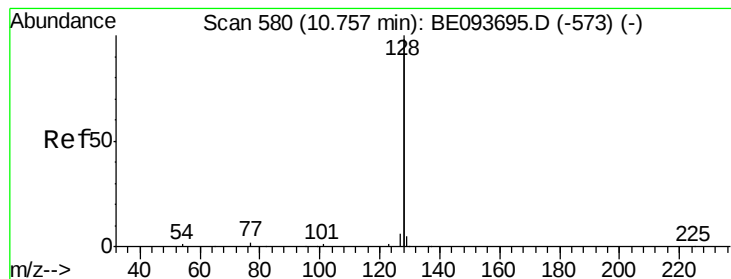


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.792 ng

RT: 10.76 min Scan# 580

Delta R.T. -0.00 min

Lab File: BE093696.D

Acq: 7 Aug 2017 11:09

Instrument :

BNA\_E

ClientSampleId :

SSTDICC0.8

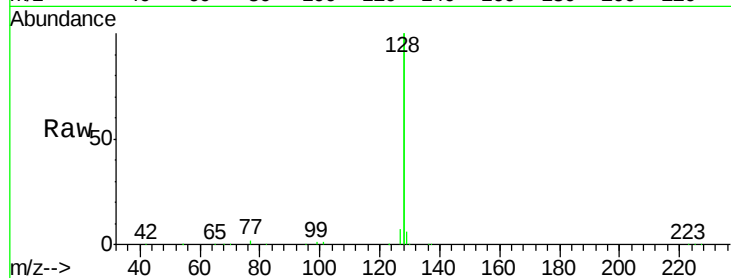
Tgt Ion:128 Resp: 118884

Ion Ratio Lower Upper

128 100

129 2.8 2.4 3.6

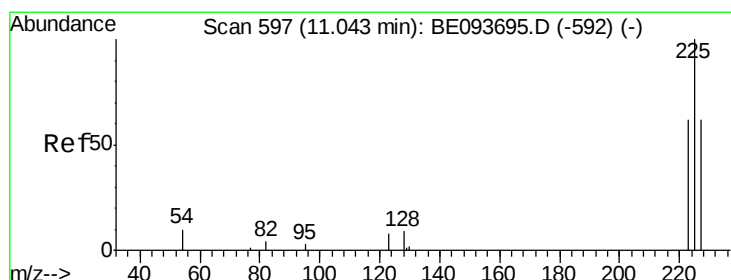
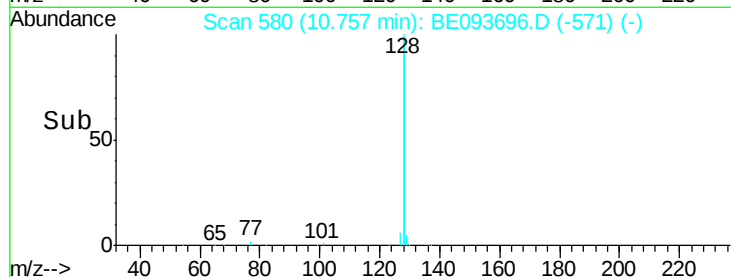
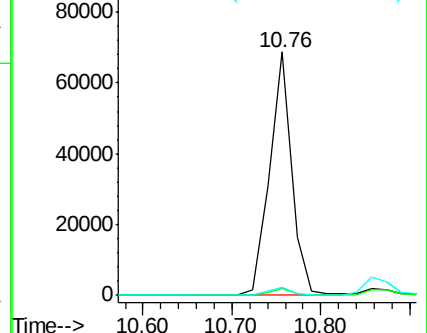
127 3.3 2.4 3.6



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: 0.775 ng

RT: 11.04 min Scan# 597

Delta R.T. -0.00 min

Lab File: BE093696.D

Acq: 7 Aug 2017 11:09

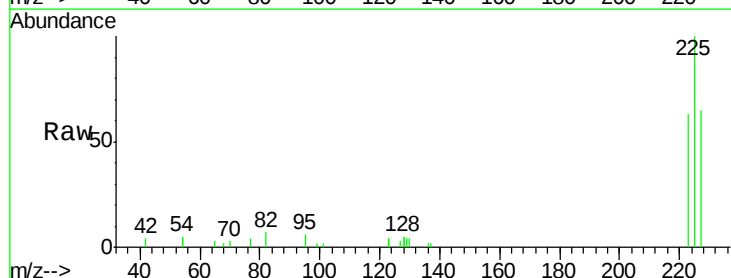
Tgt Ion:225 Resp: 4310

Ion Ratio Lower Upper

225 100

223 63.8 49.7 74.5

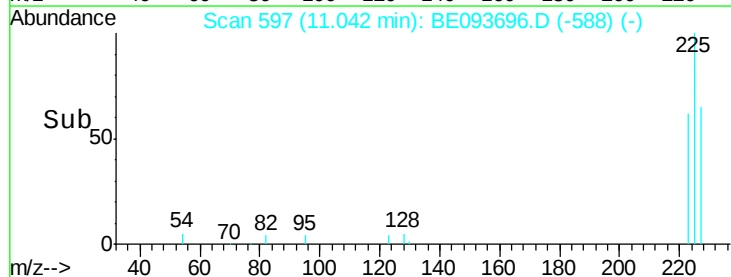
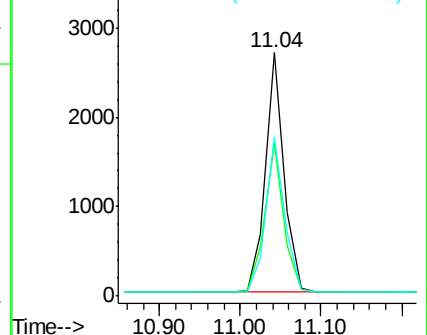
227 65.6 50.3 75.5

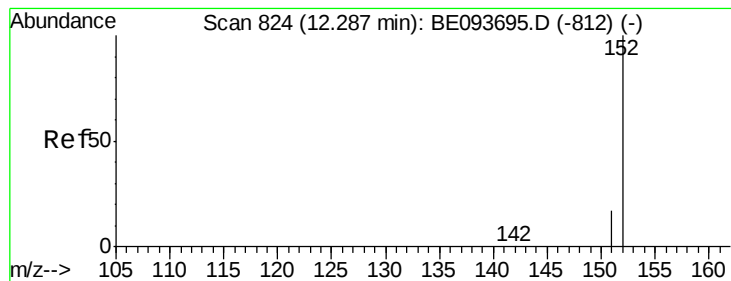


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.813 ng

RT: 12.29 min Scan# 824

Delta R.T. 0.00 min

Lab File: BE093696.D

Acq: 7 Aug 2017 11:09

Instrument :

BNA\_E

ClientSampleId :

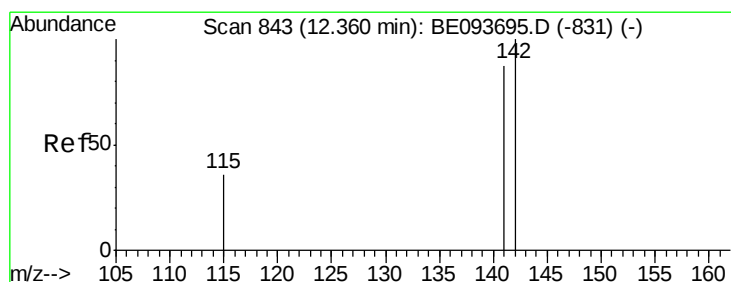
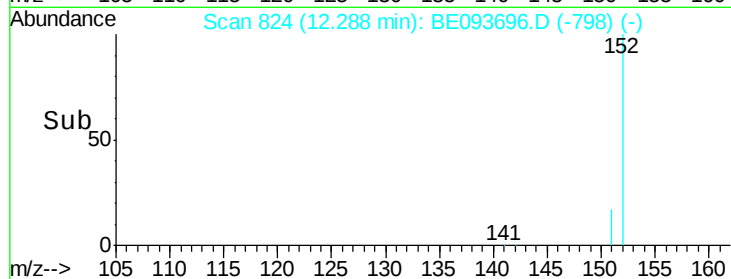
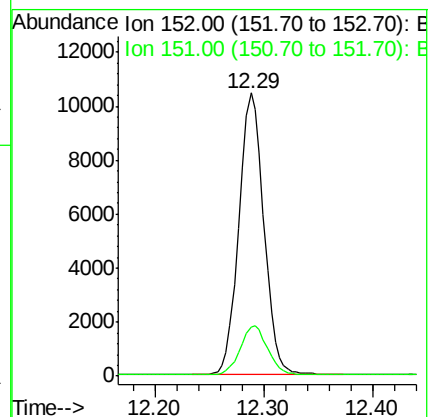
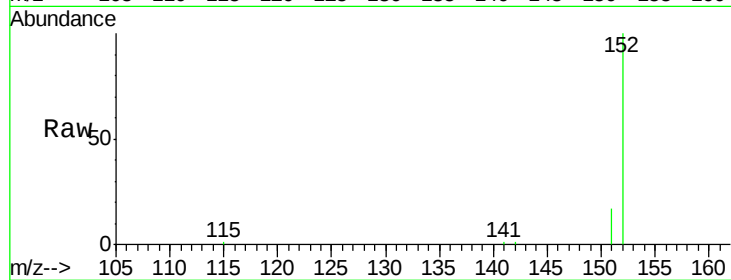
SSTDIC0.8

Tgt Ion:152 Resp: 16639

Ion Ratio Lower Upper

152 100

151 19.2 15.1 22.7



#12

2-Methylnaphthalene

Concen: 0.806 ng

RT: 12.36 min Scan# 843

Delta R.T. 0.00 min

Lab File: BE093696.D

Acq: 7 Aug 2017 11:09

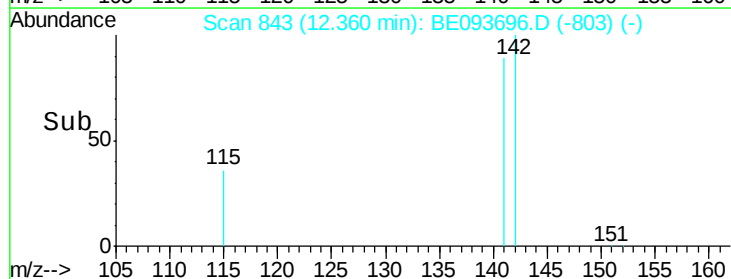
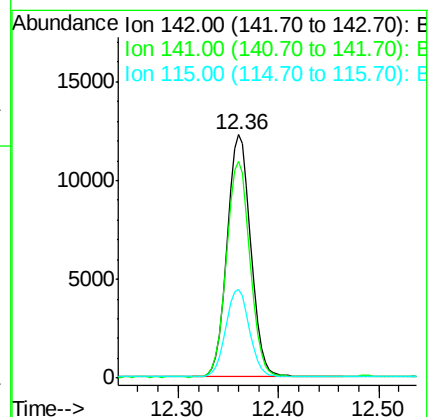
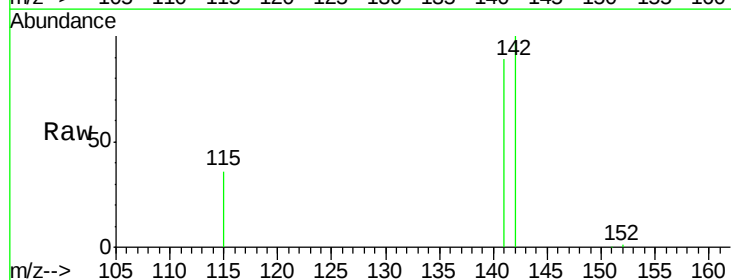
Tgt Ion:142 Resp: 19996

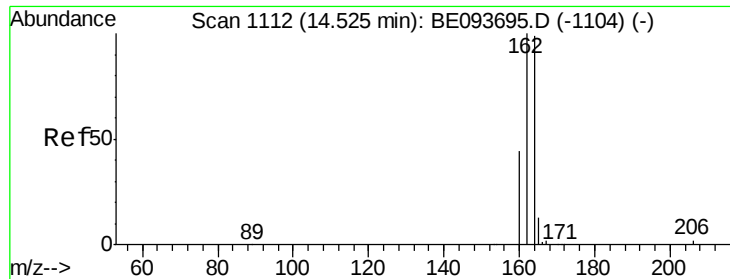
Ion Ratio Lower Upper

142 100

141 88.8 72.6 108.8

115 36.2 32.2 48.2

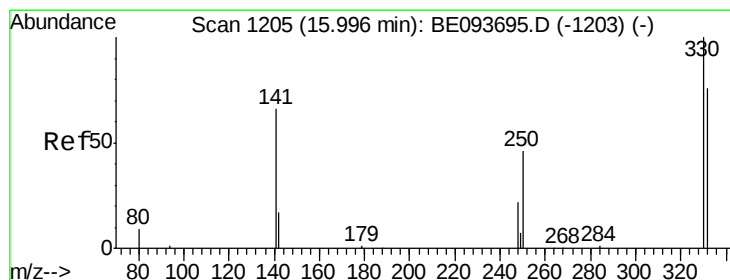
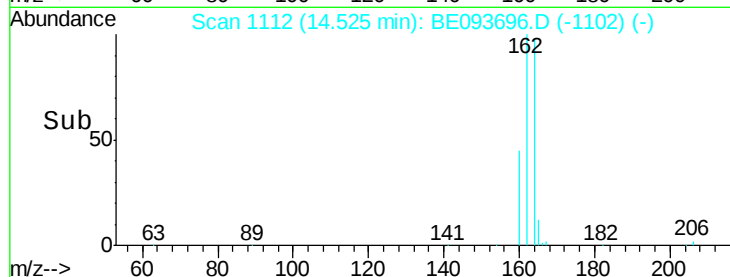
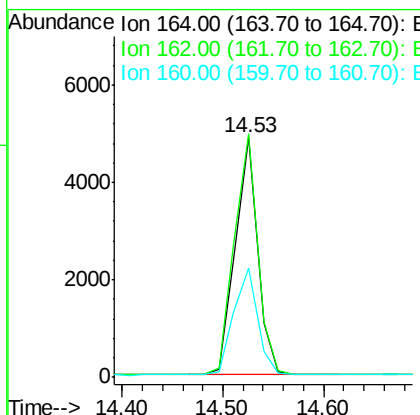
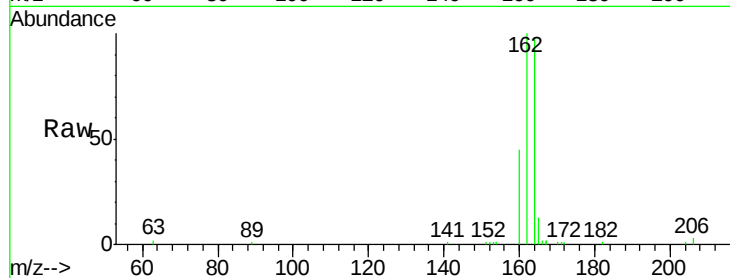




#13  
Acenaphthene-d10  
Concen: 0.400 ng  
RT: 14.53 min Scan# 1112  
Delta R.T. 0.00 min  
Lab File: BE093696.D  
Acq: 7 Aug 2017 11:09

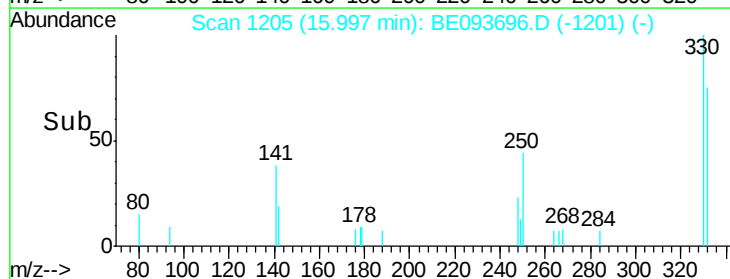
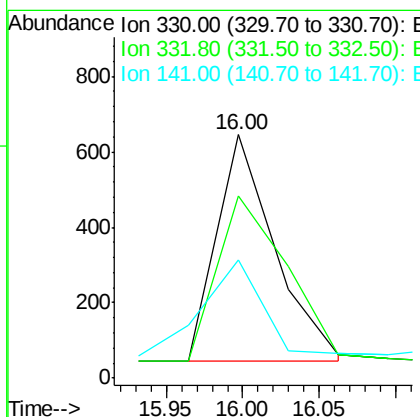
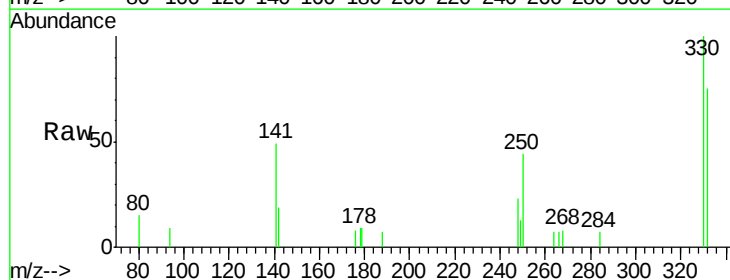
Instrument :  
BNA\_E  
ClientSampleId :  
SSTDIC0.8

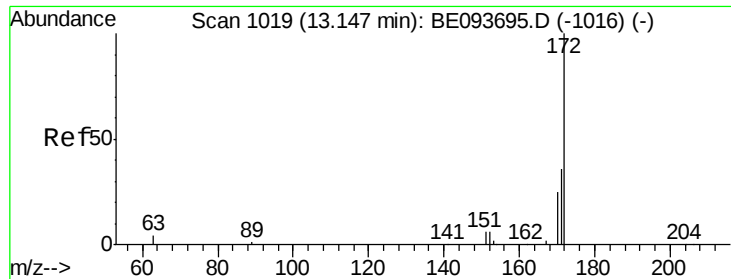
Tgt Ion:164 Resp: 7516  
Ion Ratio Lower Upper  
164 100  
162 101.7 84.6 127.0  
160 45.8 41.8 62.6



#14  
2,4,6-Tribromophenol  
Concen: 0.906 ng  
RT: 16.00 min Scan# 1205  
Delta R.T. 0.00 min  
Lab File: BE093696.D  
Acq: 7 Aug 2017 11:09

Tgt Ion:330 Resp: 1576  
Ion Ratio Lower Upper  
330 100  
332 87.5 77.7 116.5  
141 43.9 56.2 84.4#

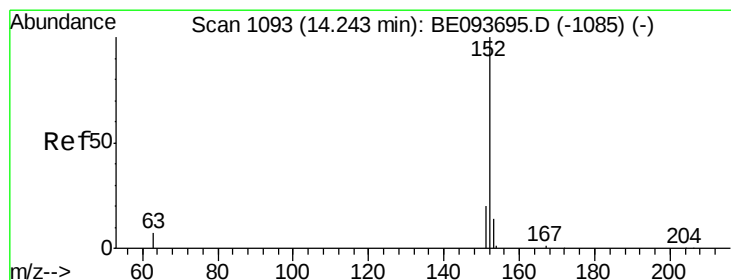
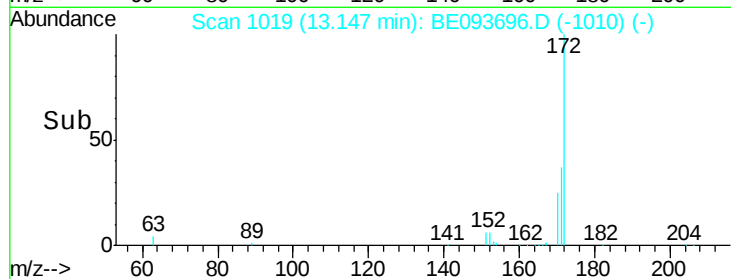
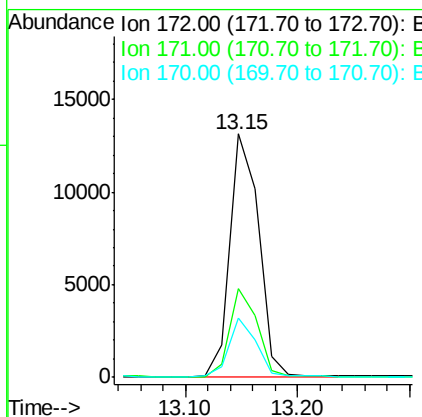
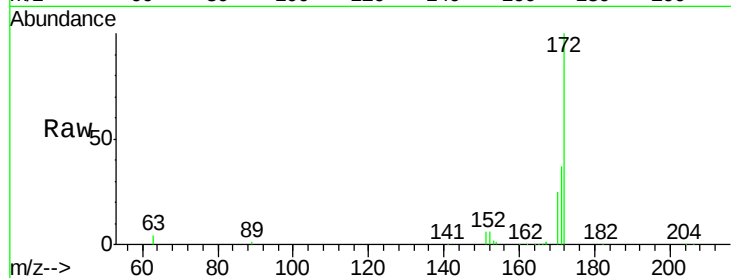




#15  
2-Fluorobiphenyl  
Concen: 0.776 ng  
RT: 13.15 min Scan# 1019  
Delta R.T. 0.00 min  
Lab File: BE093696.D  
Acq: 7 Aug 2017 11:09

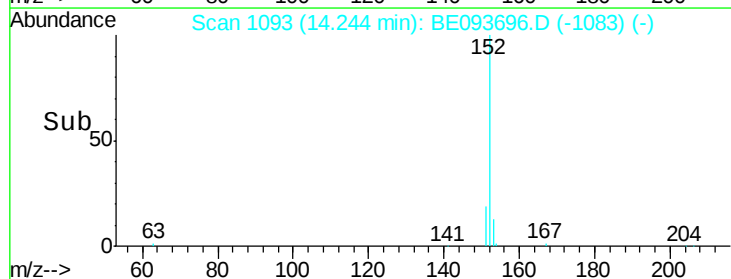
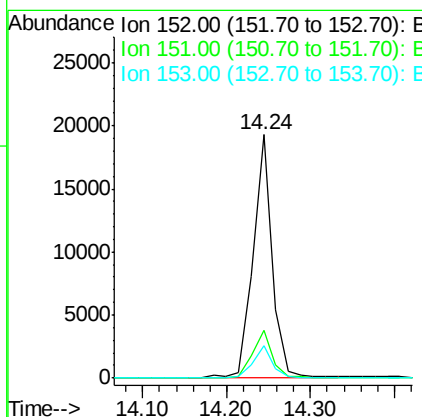
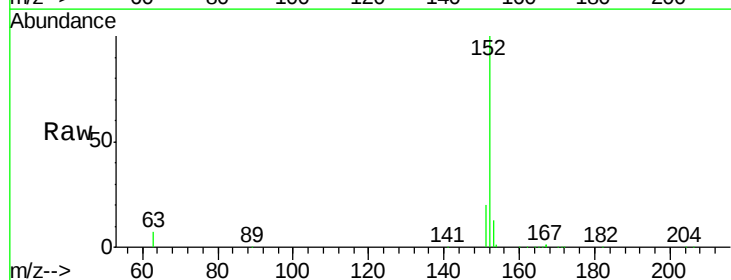
Instrument :  
BNA\_E  
ClientSampleId :  
SSTDIC0.8

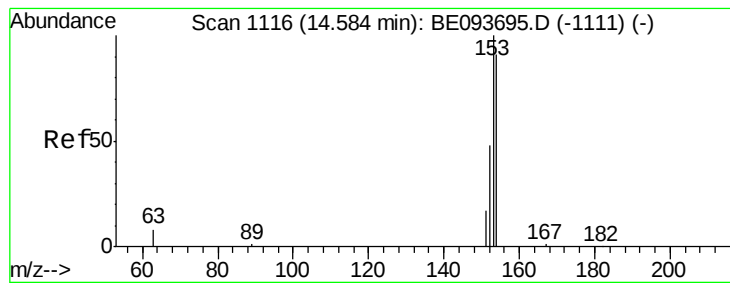
Tgt Ion:172 Resp: 23347  
Ion Ratio Lower Upper  
172 100  
171 36.7 29.8 44.6  
170 24.6 20.7 31.1



#16  
Acenaphthylene  
Concen: 0.844 ng  
RT: 14.24 min Scan# 1093  
Delta R.T. 0.00 min  
Lab File: BE093696.D  
Acq: 7 Aug 2017 11:09

Tgt Ion:152 Resp: 30309  
Ion Ratio Lower Upper  
152 100  
151 19.6 4.0 6.0#  
153 12.9 10.3 15.5





#17

Acenaphthene

Concen: 0.797 ng

RT: 14.58 min Scan# 1116

Delta R.T. 0.00 min

Lab File: BE093696.D

Acq: 7 Aug 2017 11:09

Instrument :

BNA\_E

ClientSampleId :

SSTDIC0.8

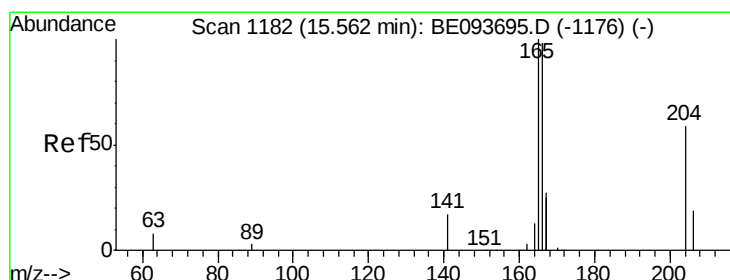
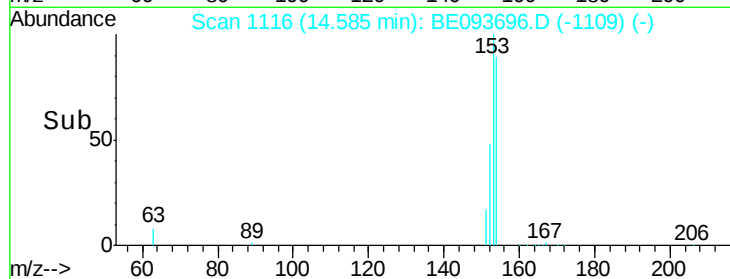
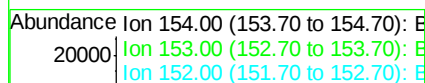
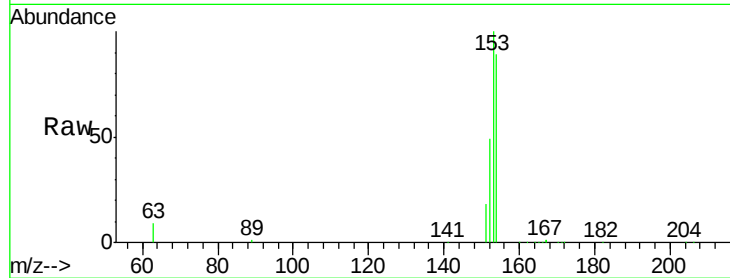
Tgt Ion:154 Resp: 20186

Ion Ratio Lower Upper

154 100

153 111.3 91.2 136.8

152 54.4 44.8 67.2



#18

Fluorene

Concen: 0.765 ng

RT: 15.56 min Scan# 1182

Delta R.T. 0.00 min

Lab File: BE093696.D

Acq: 7 Aug 2017 11:09

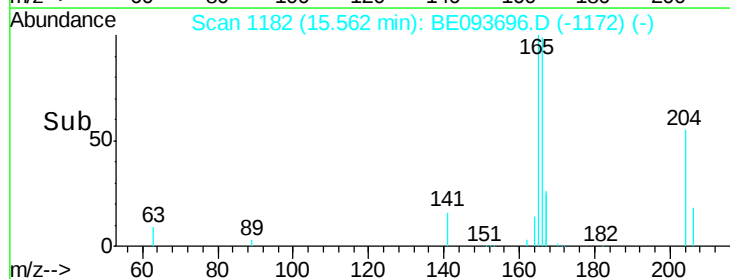
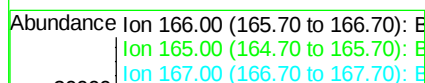
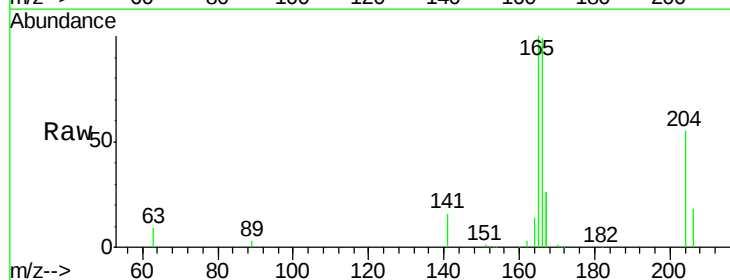
Tgt Ion:166 Resp: 25919

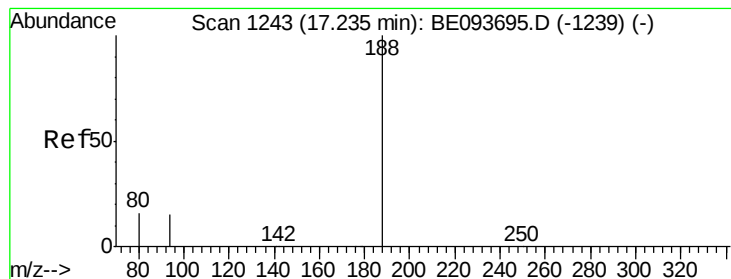
Ion Ratio Lower Upper

166 100

165 98.0 78.6 117.8

167 53.8 11.1 16.7#





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.24 min Scan# 1243

Delta R.T. 0.00 min

Lab File: BE093696.D

Acq: 7 Aug 2017 11:09

Instrument :

BNA\_E

ClientSampleId :

SSTDIC0.8

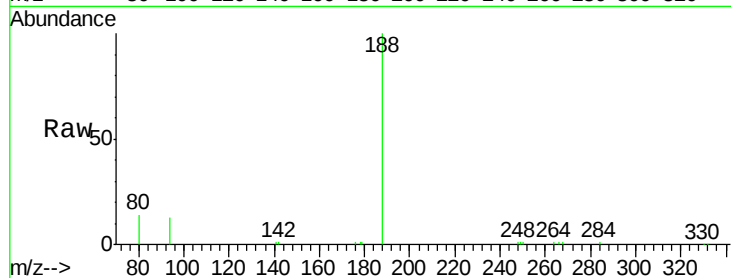
Tgt Ion:188 Resp: 19296

Ion Ratio Lower Upper

188 100

94 13.4 11.3 16.9

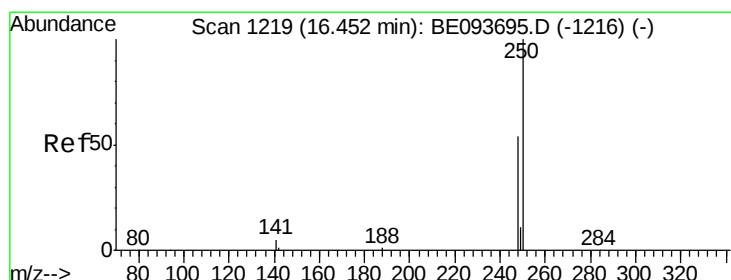
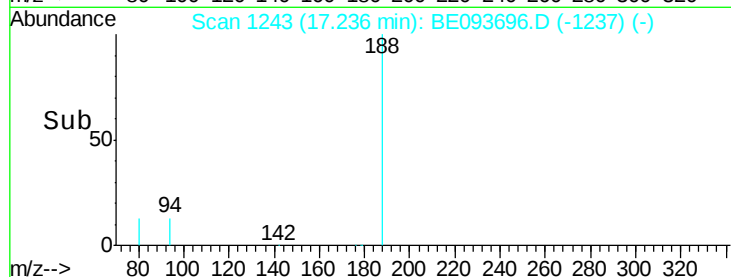
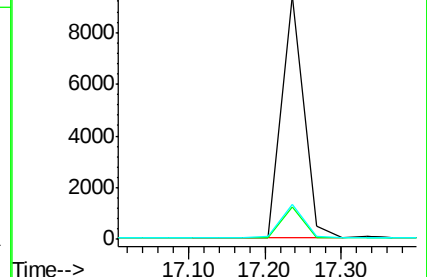
80 14.1 11.7 17.5



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: 0.680 ng

RT: 16.45 min Scan# 1219

Delta R.T. 0.00 min

Lab File: BE093696.D

Acq: 7 Aug 2017 11:09

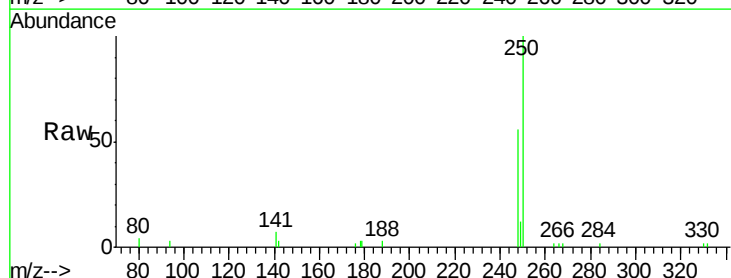
Tgt Ion:248 Resp: 4150

Ion Ratio Lower Upper

248 100

250 180.0 128.0 192.0

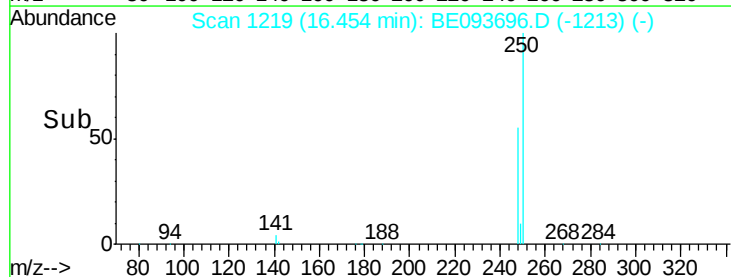
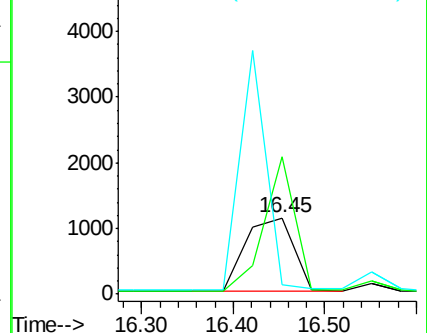
141 12.8 12.0 18.0

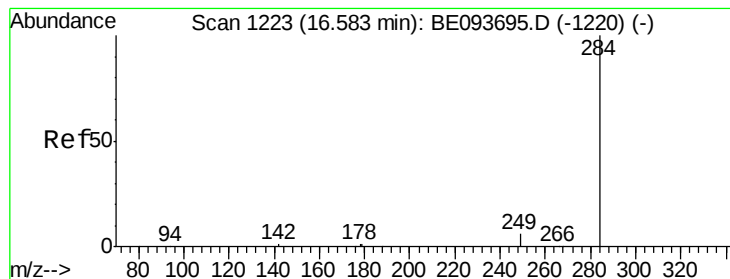


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.695 ng

RT: 16.58 min Scan# 1223

Delta R.T. 0.00 min

Lab File: BE093696.D

Acq: 7 Aug 2017 11:09

Instrument :

BNA\_E

ClientSampleId :

SSTDIC0.8

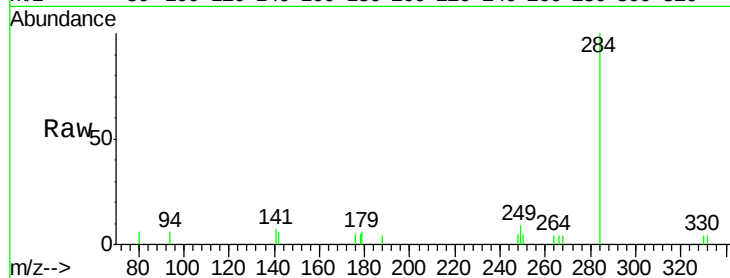
Tgt Ion:284 Resp: 4320

Ion Ratio Lower Upper

284 100

142 0.0 0.0 0.0

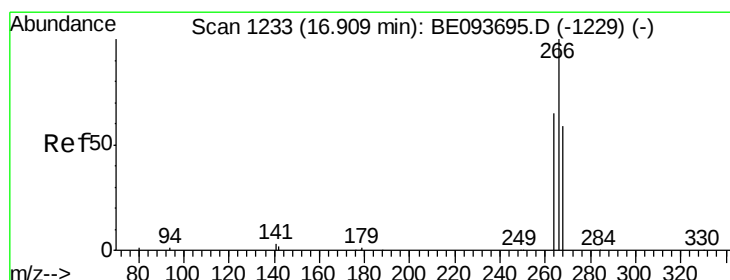
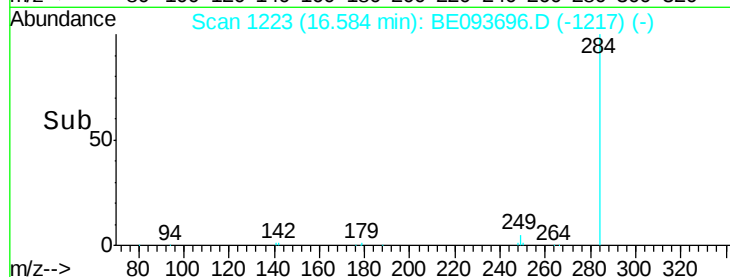
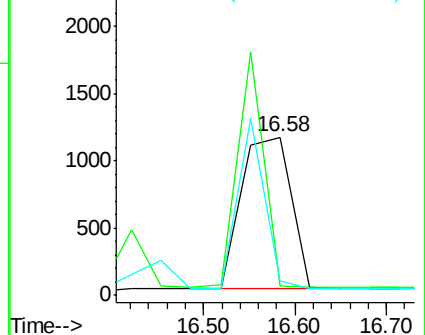
249 0.0 0.0 0.0



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: 1.127 ng

RT: 16.91 min Scan# 1233

Delta R.T. 0.00 min

Lab File: BE093696.D

Acq: 7 Aug 2017 11:09

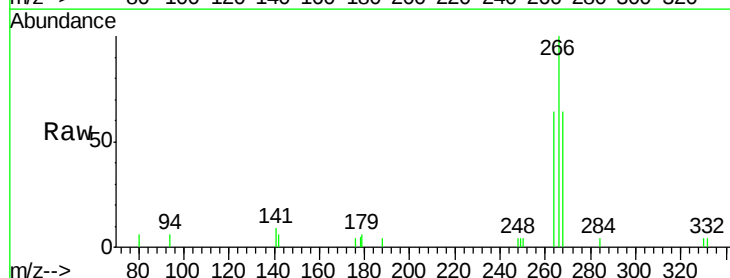
Tgt Ion:266 Resp: 3000

Ion Ratio Lower Upper

266 100

264 63.8 56.0 84.0

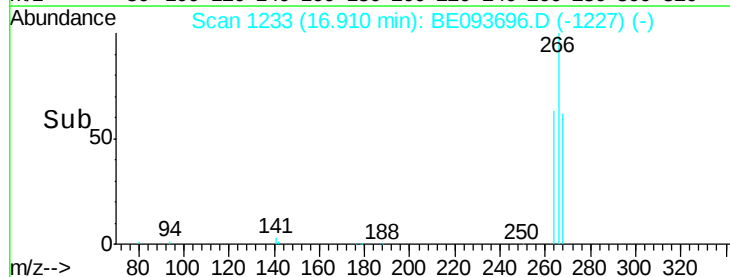
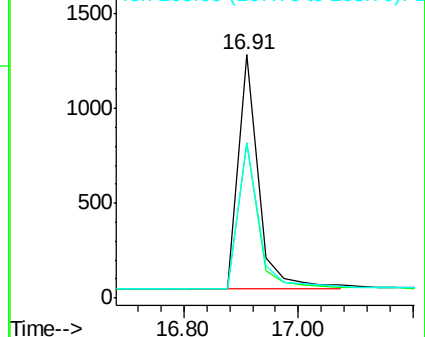
268 63.9 52.0 78.0

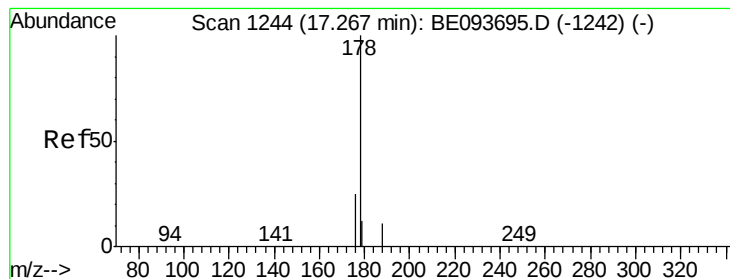


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.741 ng

RT: 17.27 min Scan# 1244

Delta R.T. 0.00 min

Lab File: BE093696.D

Acq: 7 Aug 2017 11:09

Instrument :

BNA\_E

ClientSampleId :

SSTDIC0.8

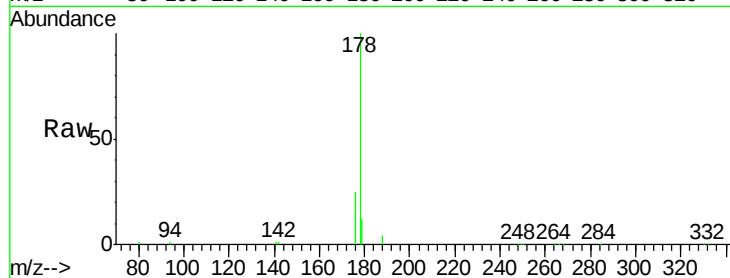
Tgt Ion:178 Resp: 31426

Ion Ratio Lower Upper

178 100

176 21.8 15.0 22.4

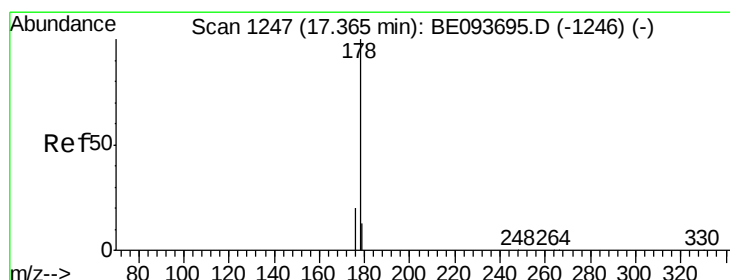
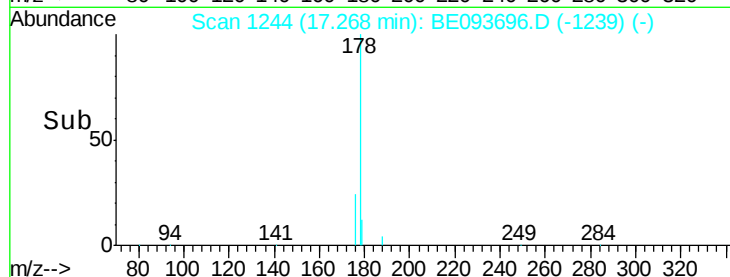
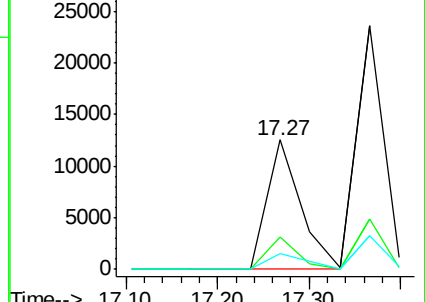
179 0.0 12.7 19.1#



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: 0.827 ng

RT: 17.37 min Scan# 1247

Delta R.T. 0.00 min

Lab File: BE093696.D

Acq: 7 Aug 2017 11:09

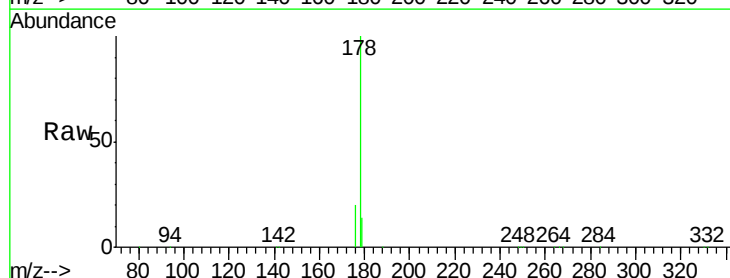
Tgt Ion:178 Resp: 48010

Ion Ratio Lower Upper

178 100

176 20.0 14.6 22.0

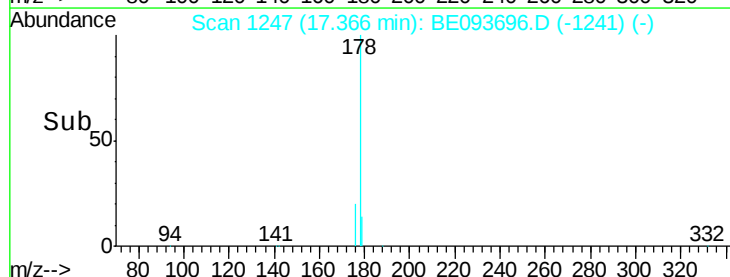
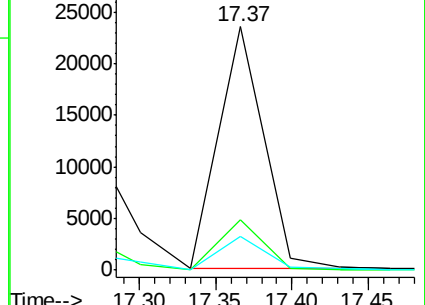
179 23.1 12.0 18.0#

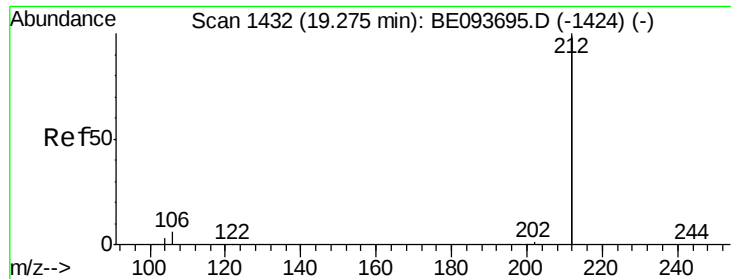


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.769 ng

RT: 19.27 min Scan# 1432

Delta R.T. -0.00 min

Lab File: BE093696.D

Acq: 7 Aug 2017 11:09

Instrument :

BNA\_E

ClientSampleId :

SSTDIC0.8

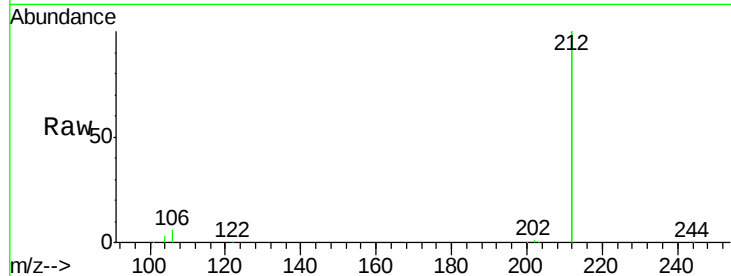
Tgt Ion:212 Resp: 168408

Ion Ratio Lower Upper

212 100

106 3.4 2.4 3.6

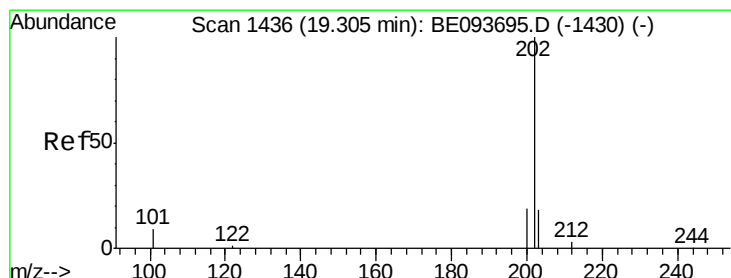
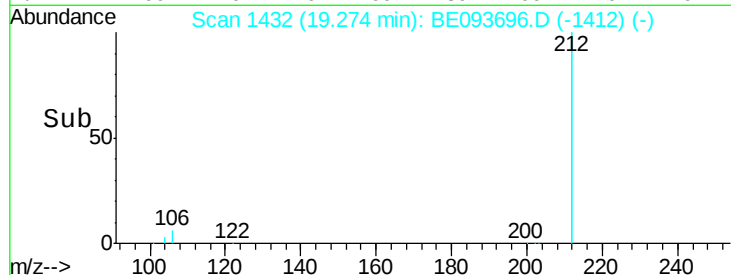
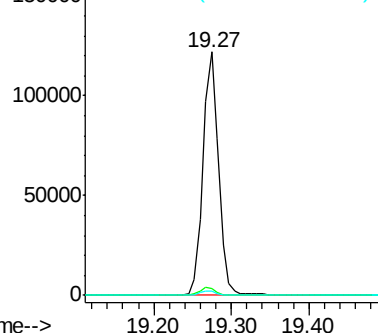
104 1.9 1.6 2.4



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: 0.763 ng

RT: 19.30 min Scan# 1436

Delta R.T. -0.00 min

Lab File: BE093696.D

Acq: 7 Aug 2017 11:09

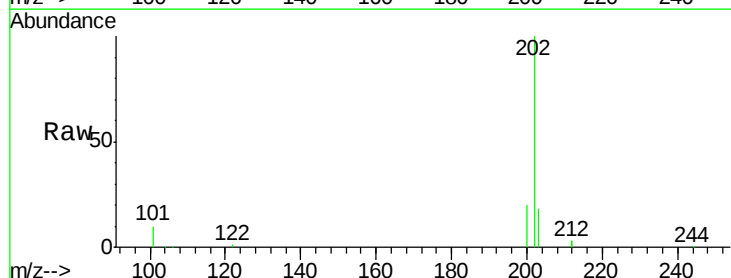
Tgt Ion:202 Resp: 51540

Ion Ratio Lower Upper

202 100

101 12.2 9.6 14.4

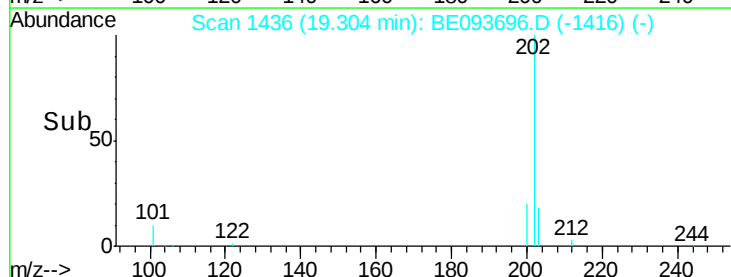
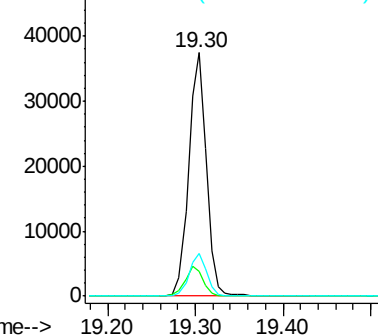
203 17.3 14.4 21.6

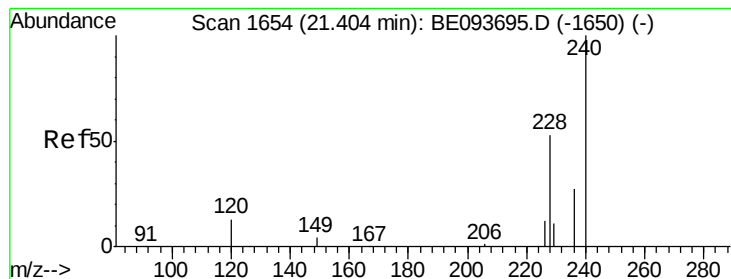


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.40 min Scan# 1654

Delta R.T. 0.00 min

Lab File: BE093696.D

Acq: 7 Aug 2017 11:09

Instrument :

BNA\_E

ClientSampleId :

SSTDIC0.8

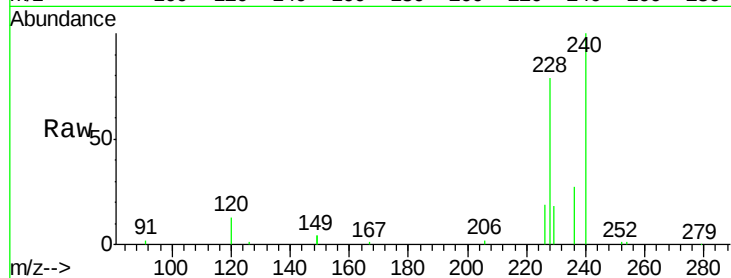
Tgt Ion:240 Resp: 20742

Ion Ratio Lower Upper

240 100

120 13.0 4.6 7.0#

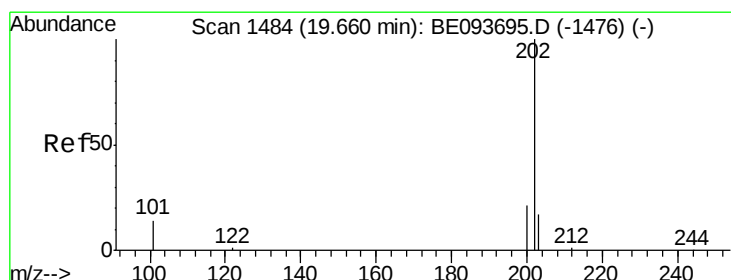
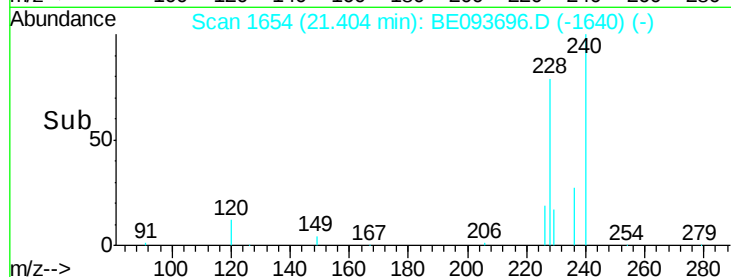
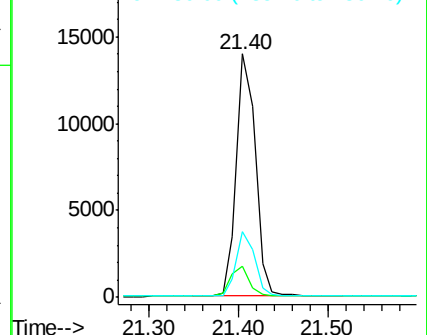
236 27.2 20.8 31.2



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: 0.786 ng

RT: 19.66 min Scan# 1484

Delta R.T. -0.00 min

Lab File: BE093696.D

Acq: 7 Aug 2017 11:09

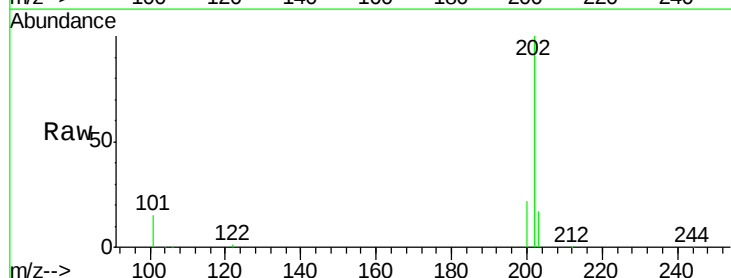
Tgt Ion:202 Resp: 52650

Ion Ratio Lower Upper

202 100

200 20.9 0.0 0.0#

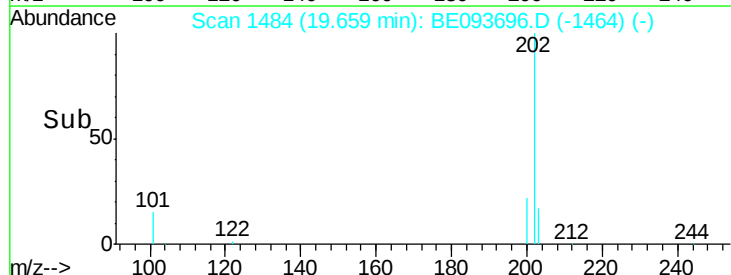
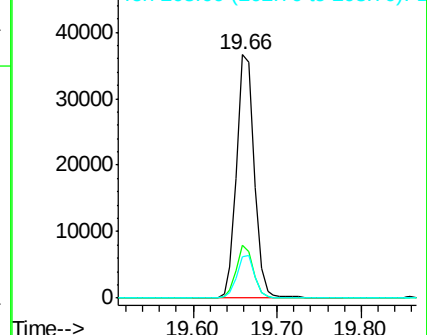
203 17.7 13.7 20.5

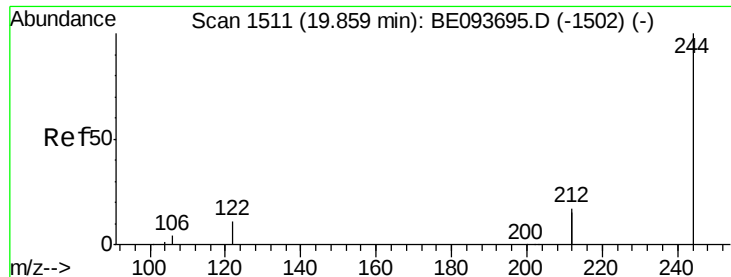


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.777 ng

RT: 19.86 min Scan# 1511

Delta R.T. -0.00 min

Lab File: BE093696.D

Acq: 7 Aug 2017 11:09

Instrument :

BNA\_E

ClientSampleId :

SSTDIC0.8

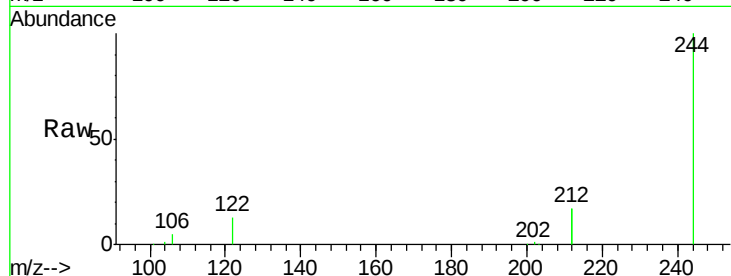
Tgt Ion:244 Resp: 28948

Ion Ratio Lower Upper

244 100

212 34.1 10.6 16.0#

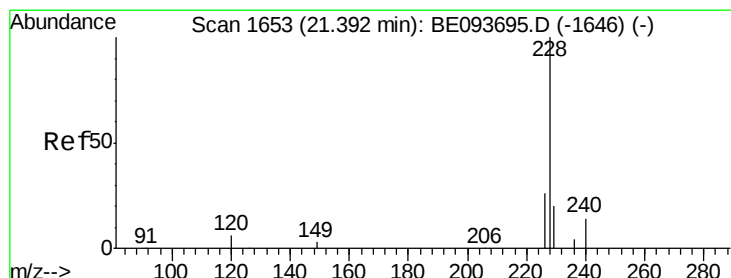
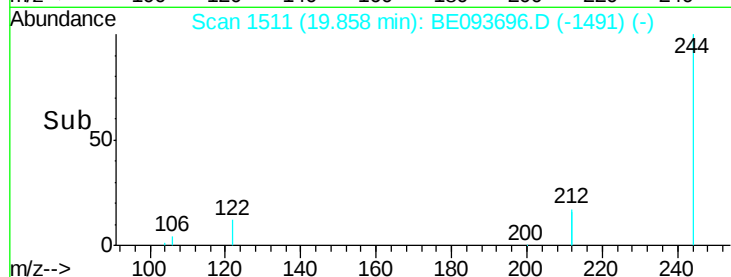
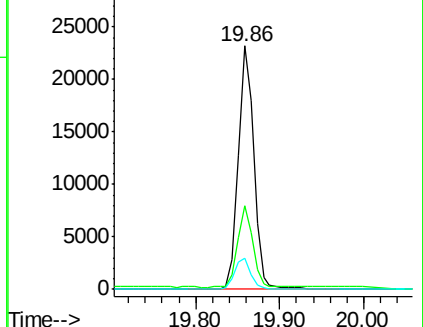
122 12.6 15.4 23.0#



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: 0.850 ng

RT: 21.39 min Scan# 1653

Delta R.T. 0.00 min

Lab File: BE093696.D

Acq: 7 Aug 2017 11:09

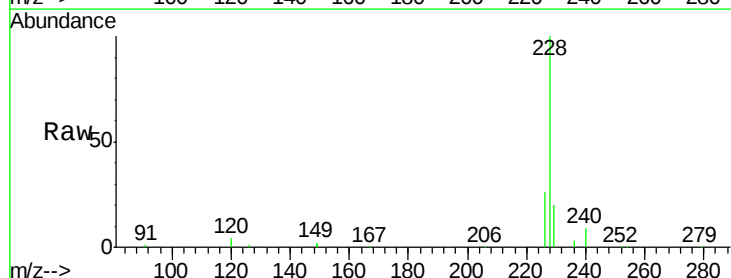
Tgt Ion:228 Resp: 51835

Ion Ratio Lower Upper

228 100

226 25.7 19.7 29.5

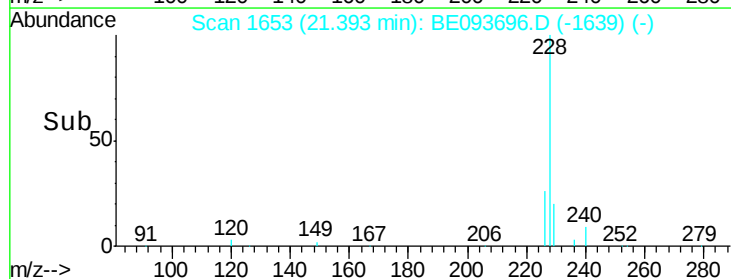
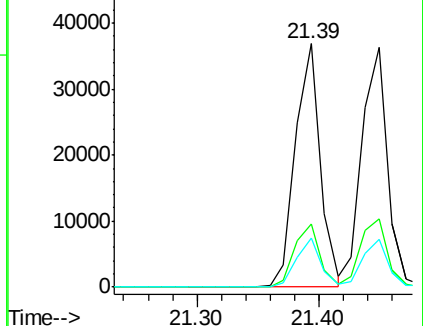
229 20.2 19.2 28.8

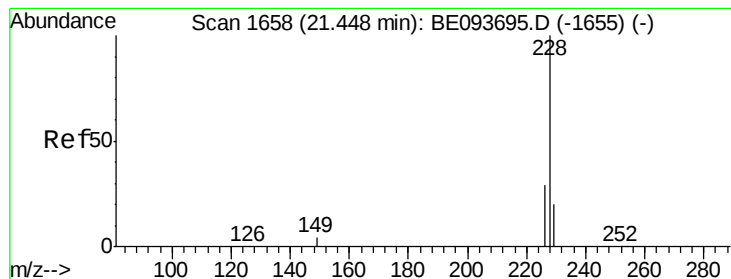


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.785 ng

RT: 21.45 min Scan# 1658

Delta R.T. 0.00 min

Lab File: BE093696.D

Acq: 7 Aug 2017 11:09

Instrument :

BNA\_E

ClientSampleId :

SSTDIC0.8

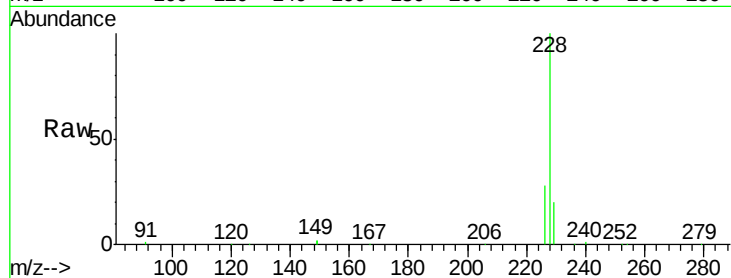
Tgt Ion:228 Resp: 53342

Ion Ratio Lower Upper

228 100

226 28.4 21.5 32.3

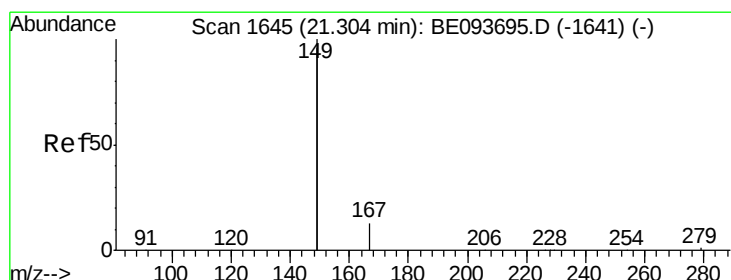
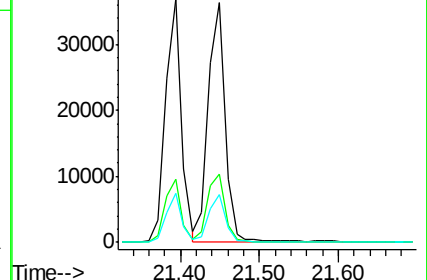
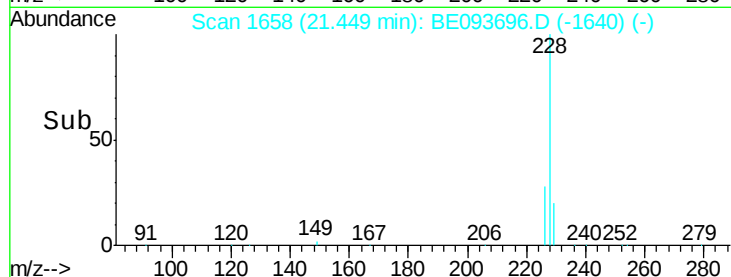
229 19.9 18.6 28.0



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: 1.210 ng

RT: 21.30 min Scan# 1645

Delta R.T. 0.00 min

Lab File: BE093696.D

Acq: 7 Aug 2017 11:09

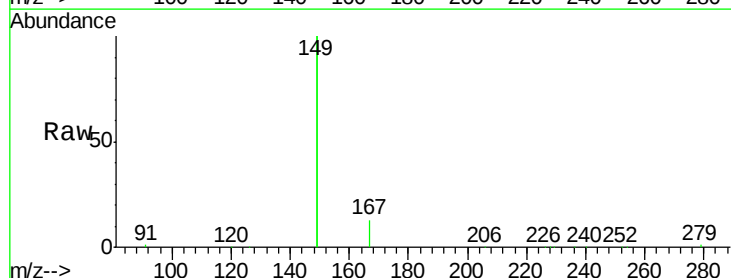
Tgt Ion:149 Resp: 100582

Ion Ratio Lower Upper

149 100

167 6.8 4.8 7.2

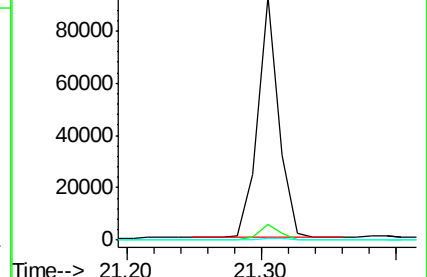
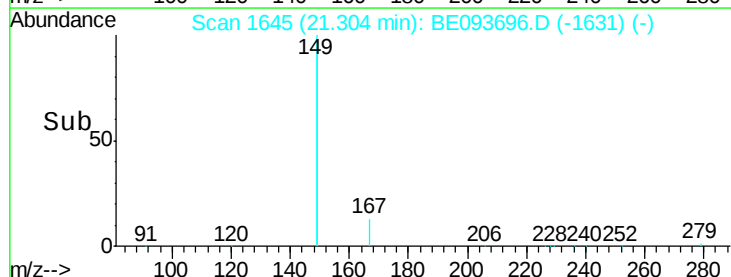
279 0.9 0.8 1.2

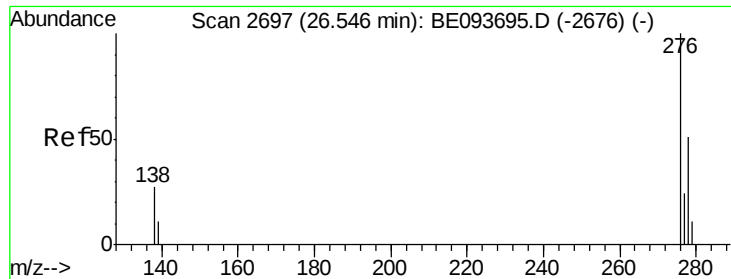


Abundance Ion 149.00 (148.70 to 149.70): E

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: 0.836 ng

RT: 26.55 min Scan# 2699

Delta R.T. 0.01 min

Lab File: BE093696.D

Acq: 7 Aug 2017 11:09

Instrument :

BNA\_E

ClientSampleId :

SSTDIC0.8

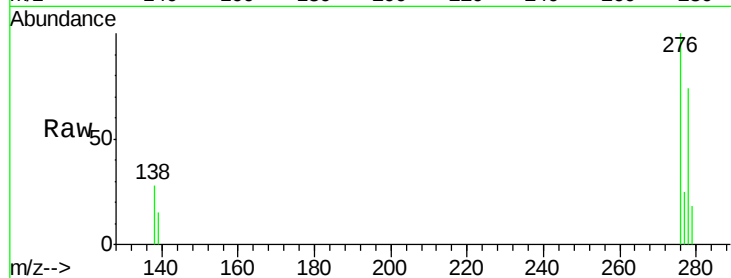
Tgt Ion:276 Resp: 51475

Ion Ratio Lower Upper

276 100

138 27.8 27.4 41.2

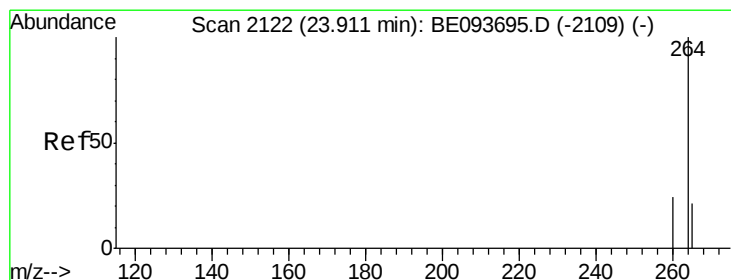
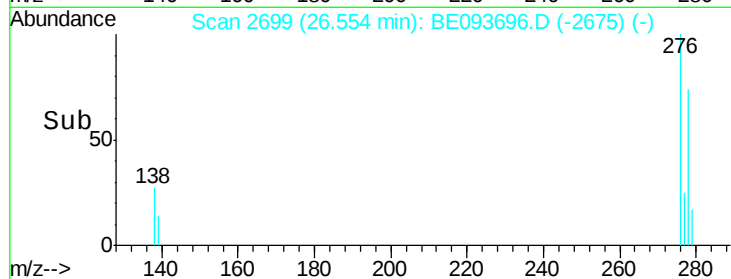
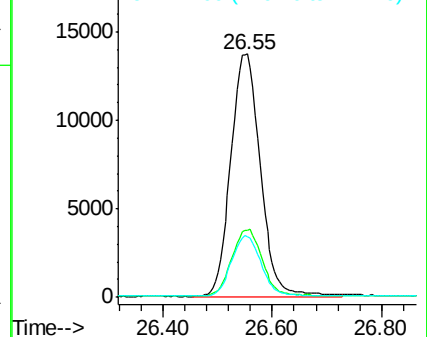
277 25.0 20.1 30.1



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: 23.91 min Scan# 2122

Delta R.T. 0.00 min

Lab File: BE093696.D

Acq: 7 Aug 2017 11:09

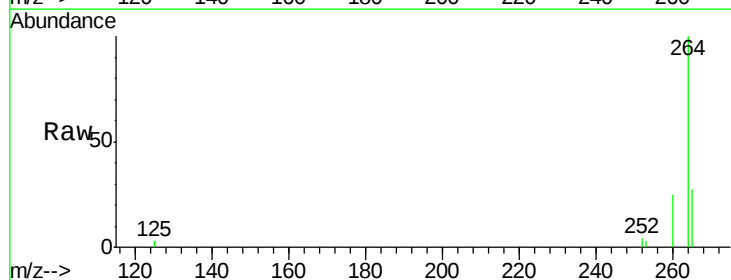
Tgt Ion:264 Resp: 18316

Ion Ratio Lower Upper

264 100

260 25.1 21.0 31.4

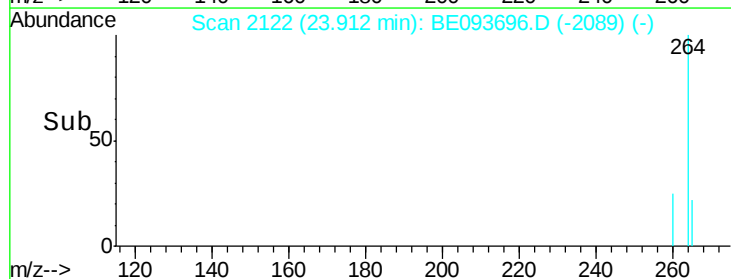
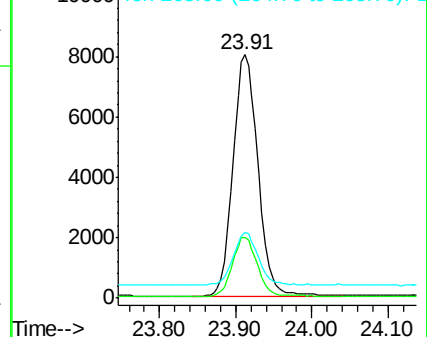
265 27.0 24.6 36.8

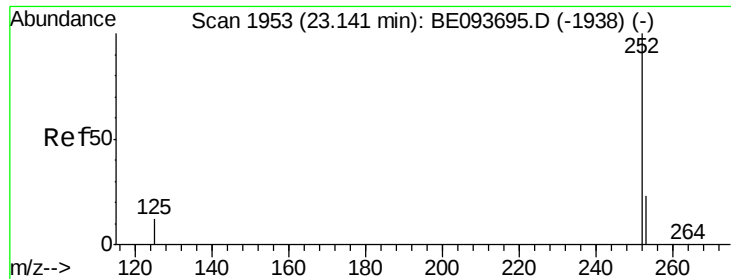


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#35

Benzo(b)fluoranthene

Concen: 0.756 ng

RT: 23.14 min Scan# 1953

Delta R.T. 0.00 min

Lab File: BE093696.D

Acq: 7 Aug 2017 11:09

Instrument :

BNA\_E

ClientSampleId :

SSTDIC0.8

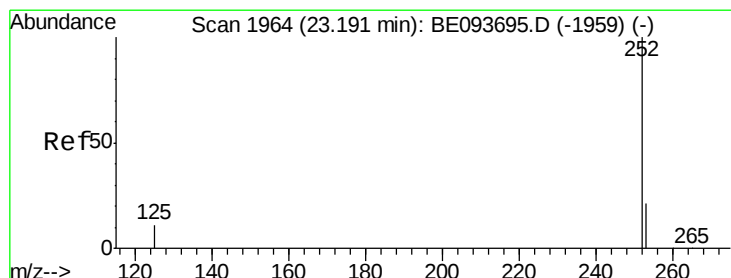
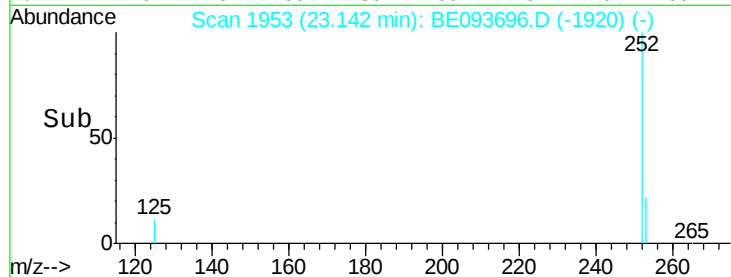
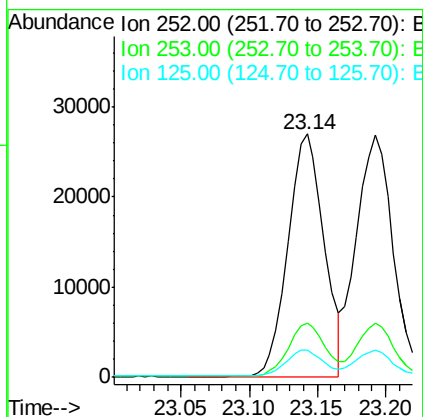
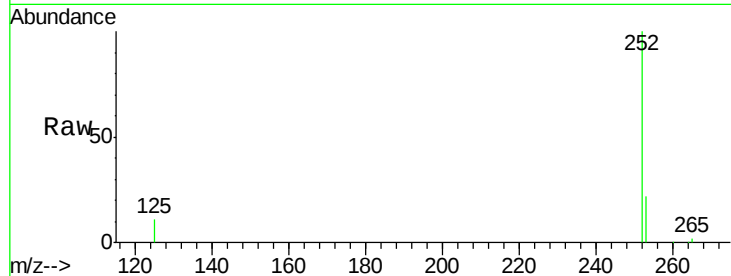
Tgt Ion:252 Resp: 49407

Ion Ratio Lower Upper

252 100

253 22.3 18.5 27.7

125 11.1 13.4 20.0#



#36

Benzo(k)fluoranthene

Concen: 0.759 ng

RT: 23.19 min Scan# 1964

Delta R.T. 0.00 min

Lab File: BE093696.D

Acq: 7 Aug 2017 11:09

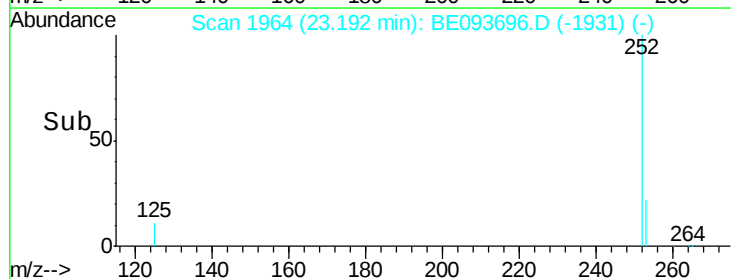
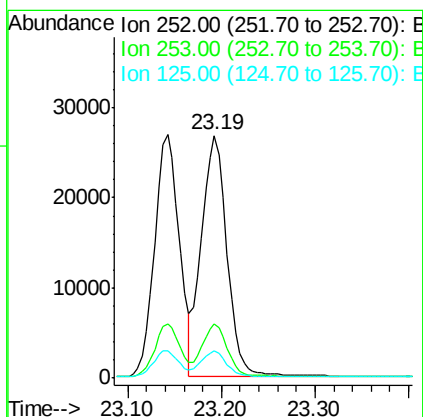
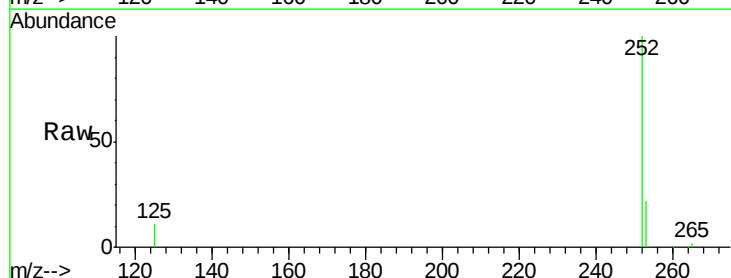
Tgt Ion:252 Resp: 50689

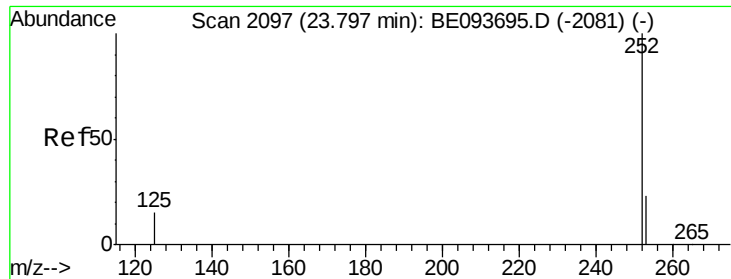
Ion Ratio Lower Upper

252 100

253 22.3 20.3 30.5

125 11.2 12.2 18.4#





#37

Benzo(a)pyrene

Concen: 0.797 ng

RT: 23.80 min Scan# 2097

Delta R.T. 0.00 min

Lab File: BE093696.D

Acq: 7 Aug 2017 11:09

Instrument :

BNA\_E

ClientSampleId :

SSTDIC0.8

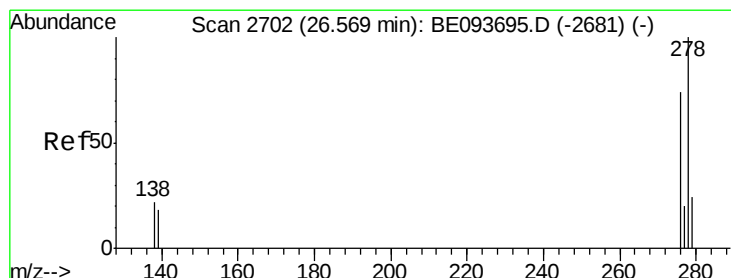
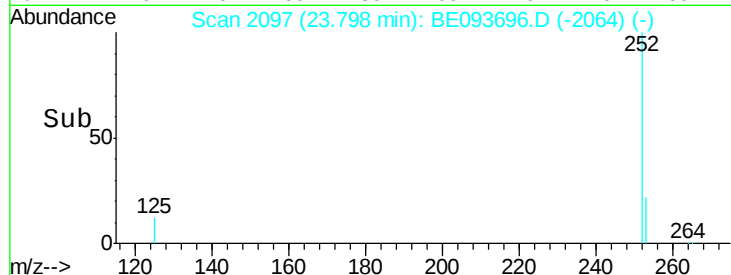
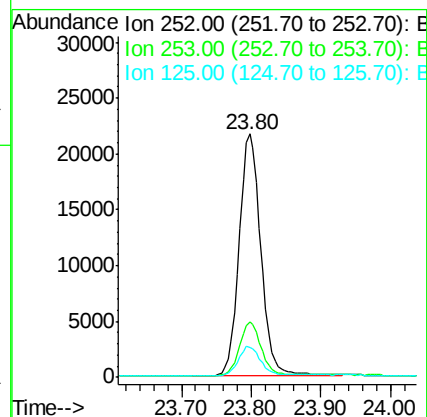
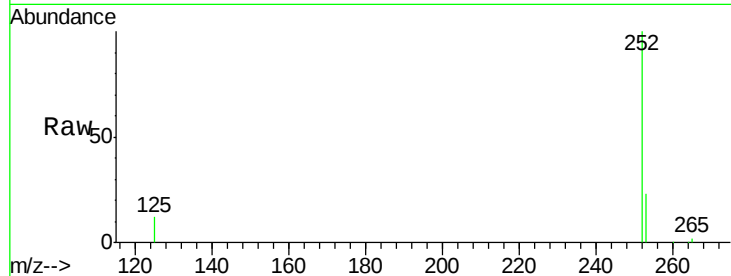
Tgt Ion:252 Resp: 47192

Ion Ratio Lower Upper

252 100

253 22.7 19.9 29.9

125 12.4 14.6 21.8#



#38

Dibenzo(a,h)anthracene

Concen: 0.779 ng

RT: 26.57 min Scan# 2703

Delta R.T. 0.00 min

Lab File: BE093696.D

Acq: 7 Aug 2017 11:09

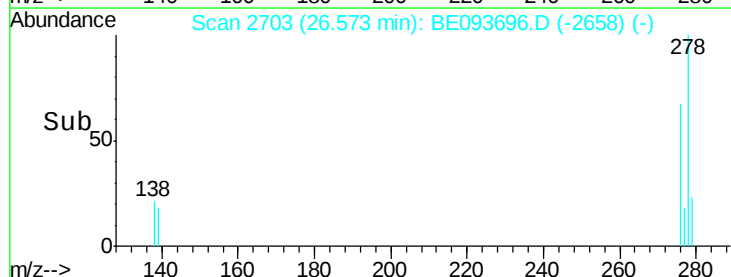
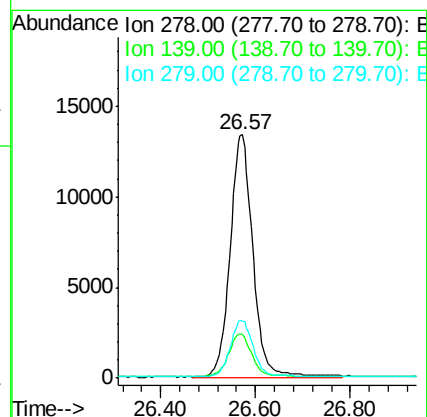
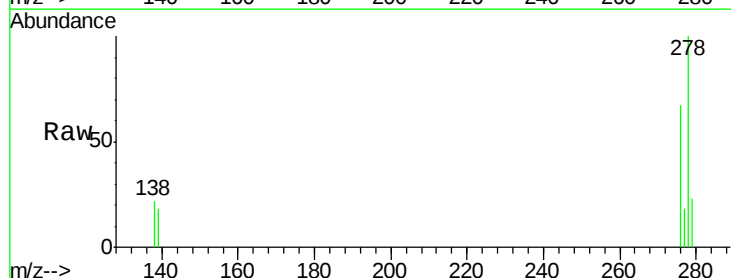
Tgt Ion:278 Resp: 44493

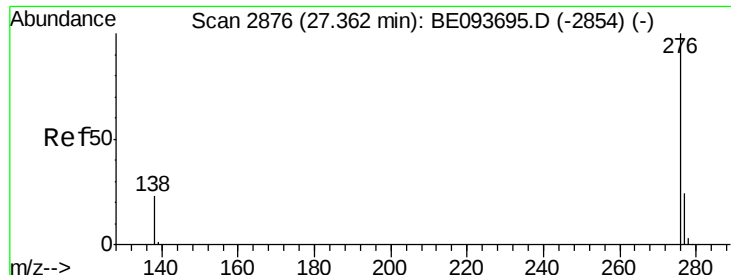
Ion Ratio Lower Upper

278 100

139 18.1 21.4 32.0#

279 23.4 22.2 33.2





#39

Benzo(g,h,i)perylene

Concen: 0.765 ng

RT: 27.37 min Scan# 2877

Delta R.T. 0.00 min

Lab File: BE093696.D

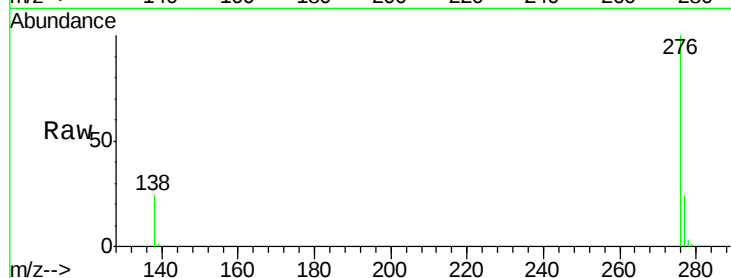
Acq: 7 Aug 2017 11:09

Instrument :

BNA\_E

ClientSampleId :

SSTDICC0.8



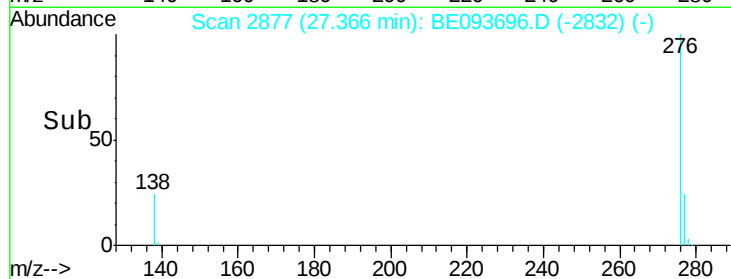
Tgt Ion: 276 Resp: 44345

Ion Ratio Lower Upper

276 100

277 24.3 21.2 31.8

138 24.0 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

