

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE092718\  
 Data File : BE097690.D  
 Acq On : 27 Sep 2018 11:51  
 Operator : SJ/JU  
 Sample : SSTDICC0.1  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_E  
 ClientSampleId :  
 SSTDICC0.1

Quant Time: Sep 27 14:16:12 2018  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE092718.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Sep 27 14:15:53 2018  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|---------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.38  | 152  | 769      | 0.40 | ng    | 0.01     |
| 7) Naphthalene-d8         | 10.15 | 136  | 3737     | 0.40 | ng    | 0.03     |
| 13) Acenaphthene-d10      | 14.00 | 164  | 2164     | 0.40 | ng    | 0.01     |
| 19) Phenanthrene-d10      | 16.76 | 188  | 5777     | 0.40 | ng    | 0.01     |
| 27) Chrysene-d12          | 20.97 | 240  | 7103     | 0.40 | ng    | 0.00     |
| 34) Perylene-d12          | 23.21 | 264  | 7133     | 0.40 | ng    | 0.00     |

|                             |       |     |      |      |    |      |
|-----------------------------|-------|-----|------|------|----|------|
| System Monitoring Compounds |       |     |      |      |    |      |
| 4) 2-Fluorophenol           | 5.07  | 112 | 205  | 0.10 | ng | 0.01 |
| 5) Phenol-d6                | 0.00  | 99  | 0    | 0.00 | ng |      |
| 8) Nitrobenzene-d5          | 8.59  | 82  | 180  | 0.08 | ng | 0.05 |
| 11) 2-Methylnaphthalene-d10 | 11.76 | 152 | 597  | 0.11 | ng | 0.04 |
| 14) 2,4,6-Tribromophenol    | 15.55 | 330 | 79   | 0.09 | ng | 0.03 |
| 15) 2-Fluorobiphenyl        | 12.64 | 172 | 1014 | 0.14 | ng | 0.02 |
| 25) Fluoranthene-d10        | 18.81 | 212 | 7085 | 0.11 | ng | 0.01 |
| 29) Terphenyl-d14           | 19.43 | 244 | 1711 | 0.12 | ng | 0.00 |

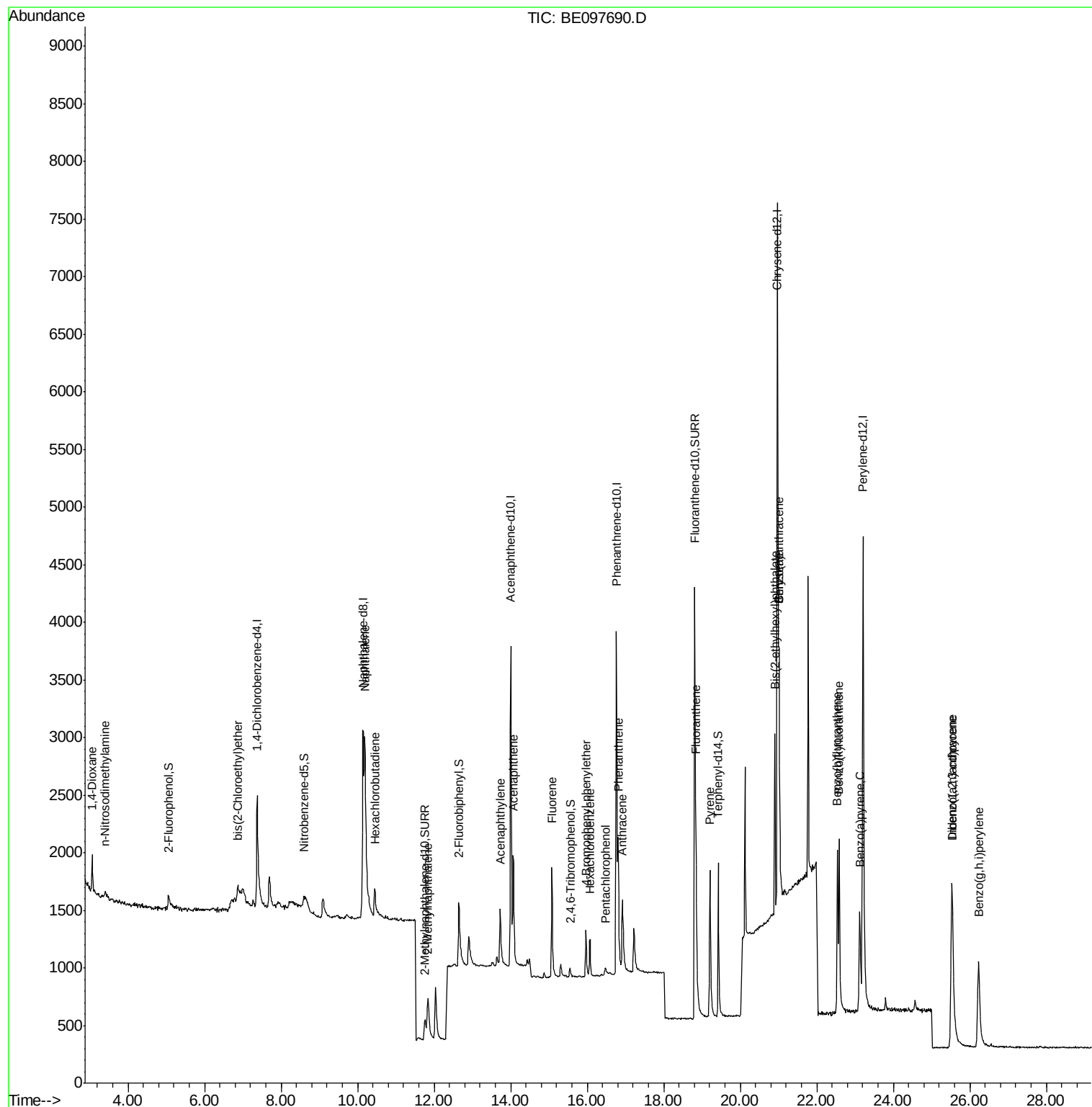
|                                |       |     |      |       |        |      |
|--------------------------------|-------|-----|------|-------|--------|------|
| Target Compounds               |       |     |      |       | Qvalue |      |
| 2) 1,4-Dioxane                 | 3.06  | 88  | 182  | 0.132 | ng     | # 85 |
| 3) n-Nitrosodimethylamine      | 3.38  | 42  | 80   | 0.099 | ng     | # 88 |
| 6) bis(2-Chloroethyl)ether     | 6.87  | 93  | 207  | 0.089 | ng     | # 59 |
| 9) Naphthalene                 | 10.18 | 128 | 3911 | 0.115 | ng     | # 90 |
| 10) Hexachlorobutadiene        | 10.44 | 225 | 199  | 0.129 | ng     | 94   |
| 12) 2-Methylnaphthalene        | 11.84 | 142 | 539  | 0.100 | ng     | # 88 |
| 16) Acenaphthylene             | 13.73 | 152 | 883  | 0.101 | ng     | 97   |
| 17) Acenaphthene               | 14.06 | 154 | 603  | 0.106 | ng     | 93   |
| 18) Fluorene                   | 15.07 | 166 | 778  | 0.097 | ng     | # 81 |
| 20) 4-Bromophenyl-phenylether  | 15.97 | 248 | 287  | 0.112 | ng     | # 84 |
| 21) Hexachlorobenzene          | 16.08 | 284 | 338  | 0.114 | ng     | # 84 |
| 22) Pentachlorophenol          | 16.47 | 266 | 71   | 0.101 | ng     | 95   |
| 23) Phenanthrene               | 16.81 | 178 | 1481 | 0.108 | ng     | 98   |
| 24) Anthracene                 | 16.92 | 178 | 1117 | 0.098 | ng     | 98   |
| 26) Fluoranthene               | 18.84 | 202 | 1800 | 0.110 | ng     | 99   |
| 28) Pyrene                     | 19.21 | 202 | 1898 | 0.102 | ng     | 99   |
| 30) Benzo(a)anthracene         | 21.01 | 228 | 2339 | 0.139 | ng     | 95   |
| 31) Chrysene                   | 21.01 | 228 | 2328 | 0.119 | ng     | 95   |
| 32) Bis(2-ethylhexyl)phthalate | 20.91 | 149 | 2286 | 0.119 | ng     | # 99 |
| 33) Indeno(1,2,3-cd)pyrene     | 25.52 | 276 | 2571 | 0.124 | ng     | # 94 |
| 35) Benzo(b)fluoranthene       | 22.54 | 252 | 1957 | 0.107 | ng     | 92   |
| 36) Benzo(k)fluoranthene       | 22.59 | 252 | 2260 | 0.105 | ng     | # 84 |
| 37) Benzo(a)pyrene             | 23.12 | 252 | 2043 | 0.113 | ng     | # 74 |
| 38) Dibenzo(a,h)anthracene     | 25.54 | 278 | 2138 | 0.113 | ng     | # 91 |
| 39) Benzo(g,h,i)perylene       | 26.23 | 276 | 2250 | 0.119 | ng     | # 89 |

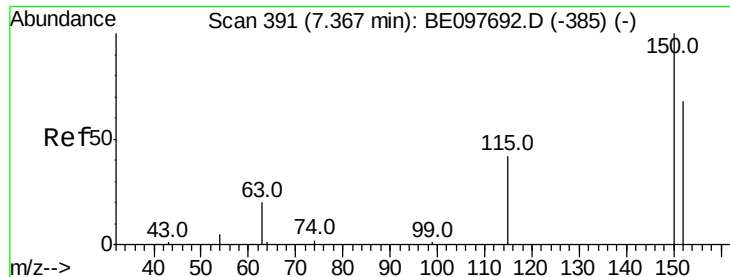
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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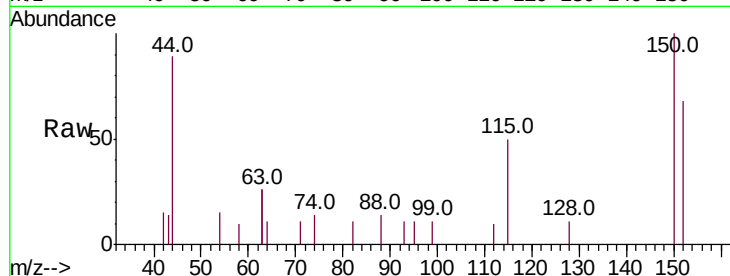


#1

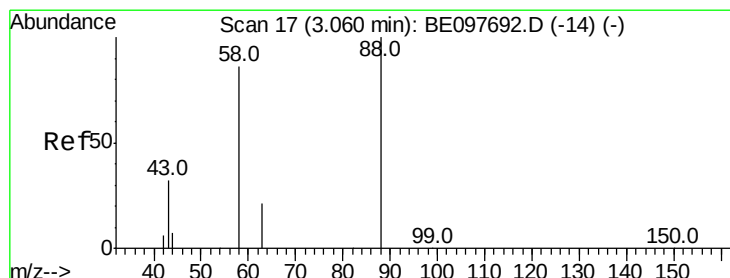
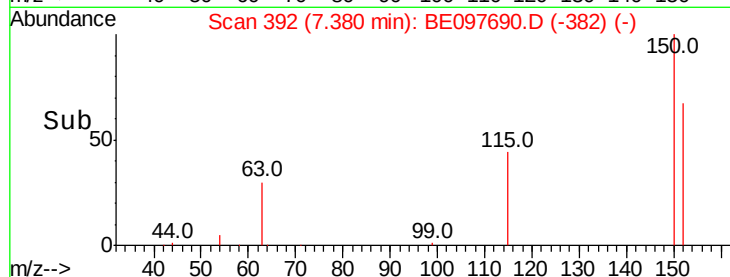
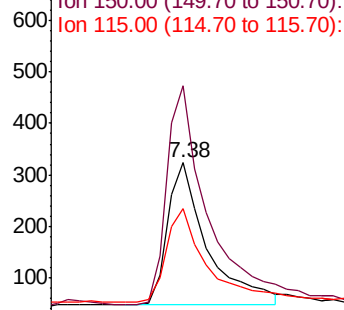
1,4-Dichlorobenzene-d4  
Concen: 0.400 ng  
RT: 7.38 min Scan# 392  
Delta R.T. 0.01 min  
Lab File: BE097690.D  
Acq: 27 Sep 2018 11:51

Instrument :  
BNA\_E  
ClientSampleId :  
SSTDIC0.1

Tot Ion:152 Resp: 769  
Ion Ratio Lower Upper  
152 100  
150 146.0 117.2 175.8  
115 72.5 57.0 85.6



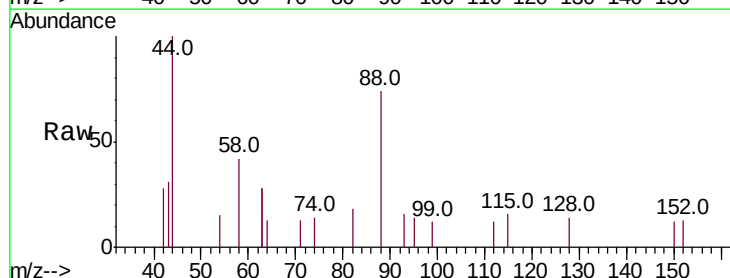
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



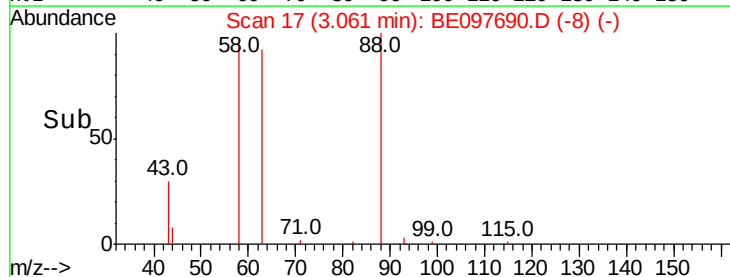
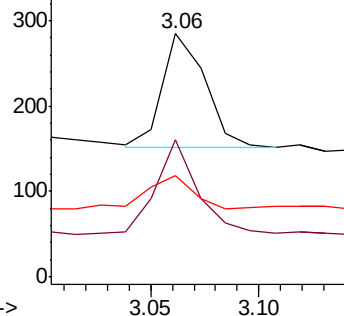
#2

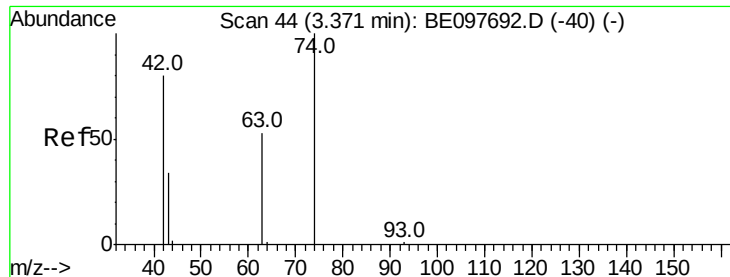
1,4-Dioxane  
Concen: 0.132 ng  
RT: 3.06 min Scan# 17  
Delta R.T. 0.00 min  
Lab File: BE097690.D  
Acq: 27 Sep 2018 11:51

Tgt Ion: 88 Resp: 182  
Ion Ratio Lower Upper  
88 100  
58 86.8 63.2 94.8  
43 34.1 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: 0.099 ng

RT: 3.38 min Scan# 45

Delta R.T. 0.01 min

Lab File: BE097690.D

Acq: 27 Sep 2018 11:51

Instrument :

BNA\_E

ClientSampleId :

SSTDIC0.1

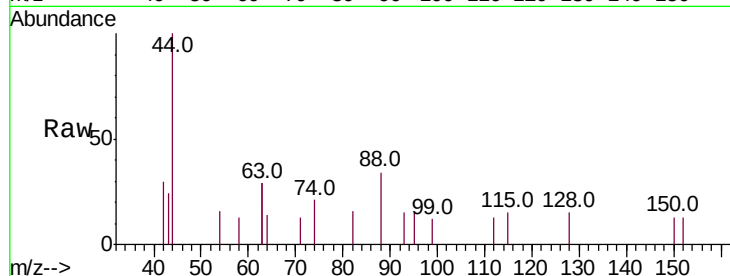
Tot Ion: 42 Resp: 80

Ion Ratio Lower Upper

42 100

74 132.5 96.0 144.0

44 22.5 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

500

400

300

200

100

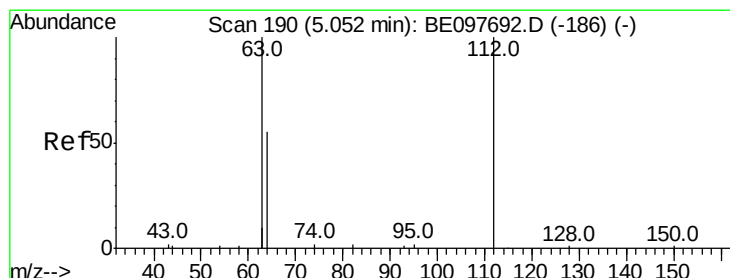
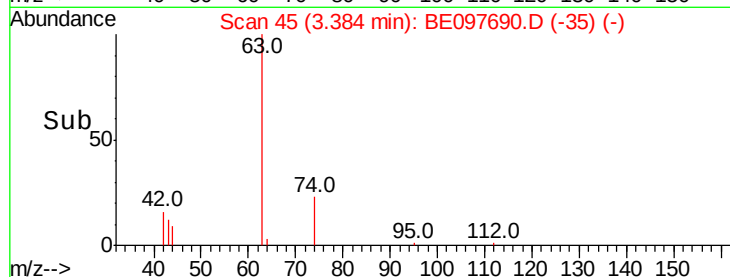
0

3.35

3.40

3.45

Time-->



#4

2-Fluorophenol

Concen: 0.101 ng

RT: 5.07 min Scan# 191

Delta R.T. 0.01 min

Lab File: BE097690.D

Acq: 27 Sep 2018 11:51

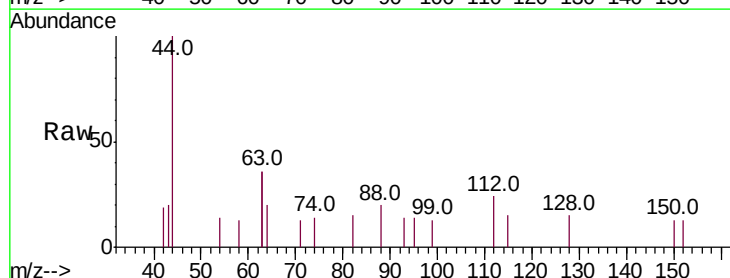
Tgt Ion: 112 Resp: 205

Ion Ratio Lower Upper

112 100

64 66.8 60.1 90.1

63 139.0 116.8 175.2



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

300

200

100

0

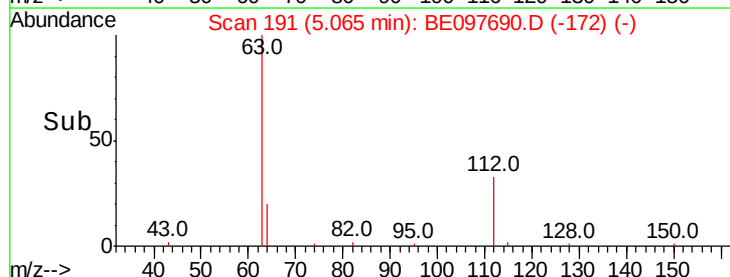
4.90

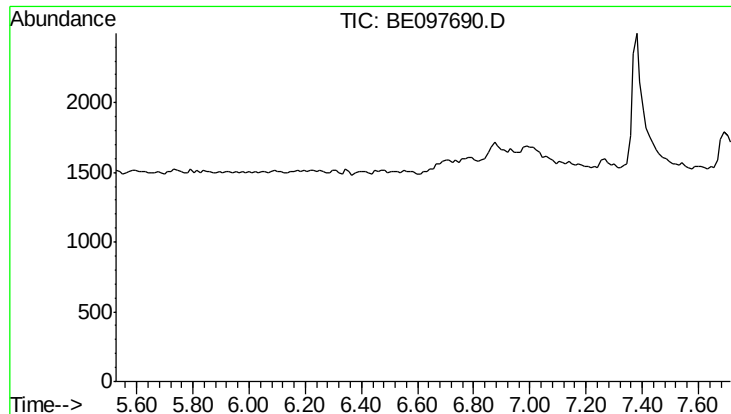
5.00

5.10

5.20

Time-->





#5

Phenol-d6

Concen: 0.000 ng

Expected RT: 6.62 min

Lab File: BE097690.D

Acq: 27 Sep 2018 11:51

Instrument :

BNA\_E

ClientSampleId :

SSTDIC0.1

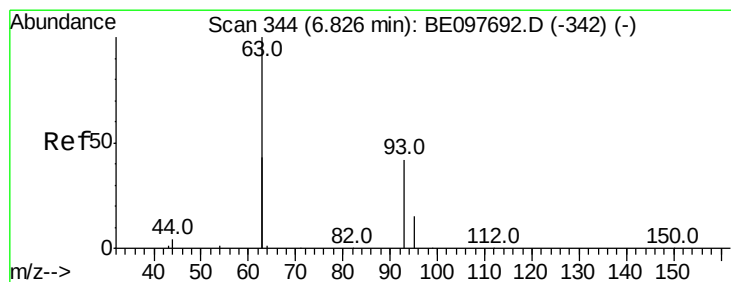
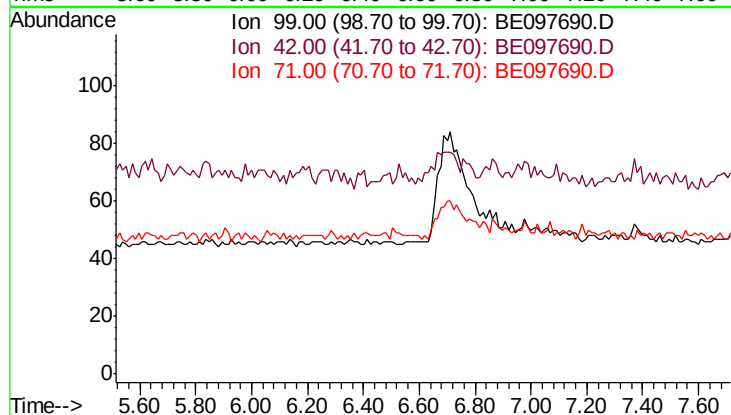
Tot Ion: 99

Sig Exp Ratio

99 100

42 25.2

71 35.5



#6

bis(2-Chloroethyl)ether

Concen: 0.089 ng

RT: 6.87 min Scan# 348

Delta R.T. 0.05 min

Lab File: BE097690.D

Acq: 27 Sep 2018 11:51

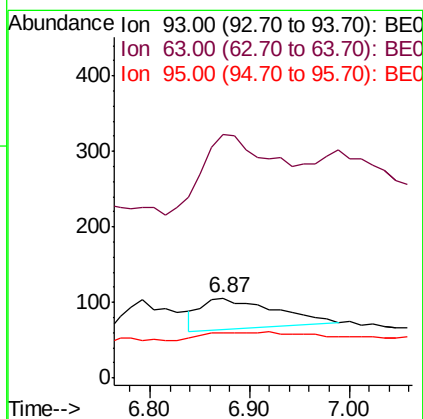
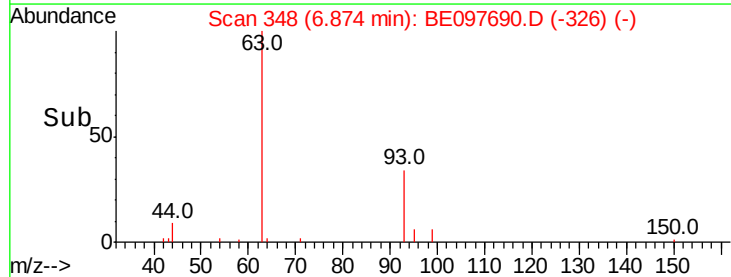
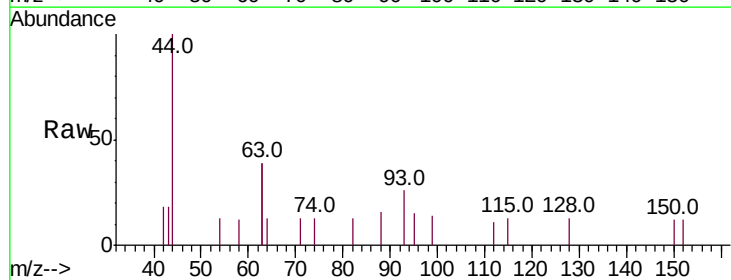
Tgt Ion: 93 Resp: 207

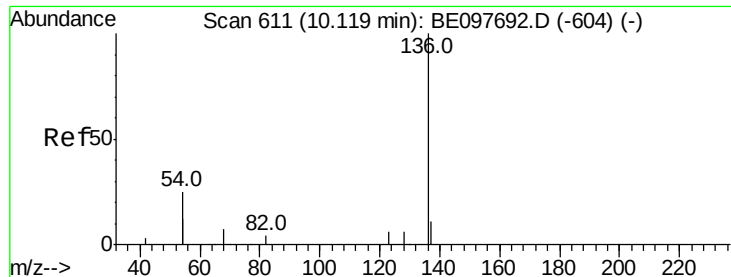
Ion Ratio Lower Upper

93 100

63 255.1 275.3 412.9#

95 12.6 25.2 37.8#





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.15 min Scan# 613

Delta R.T. 0.03 min

Lab File: BE097690.D

Acq: 27 Sep 2018 11:51

Instrument :

BNA\_E

ClientSampleId :

SSTDIC0.1

Tot Ion:136 Resp: 3737

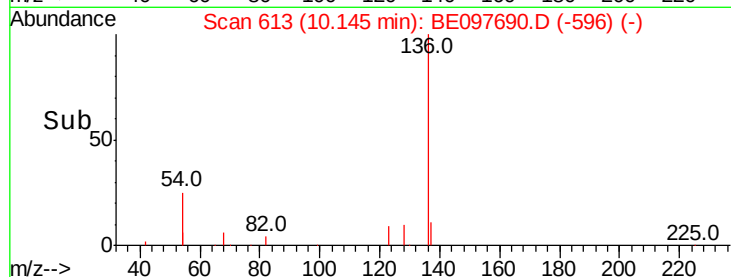
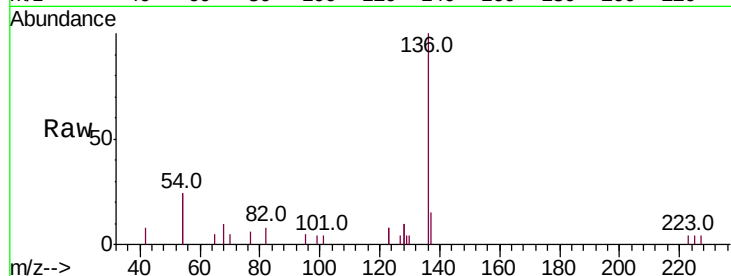
Ion Ratio Lower Upper

136 100

137 14.7 9.5 14.3#

54 47.3 29.1 43.7#

68 10.3 6.2 9.2#

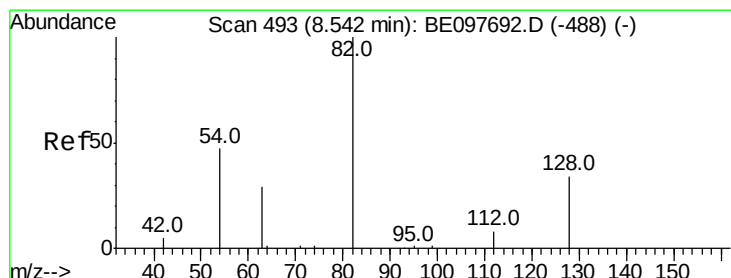
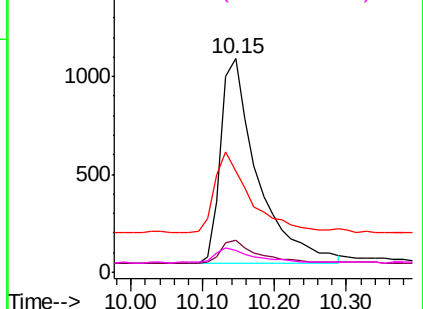


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.083 ng

RT: 8.59 min Scan# 497

Delta R.T. 0.05 min

Lab File: BE097690.D

Acq: 27 Sep 2018 11:51

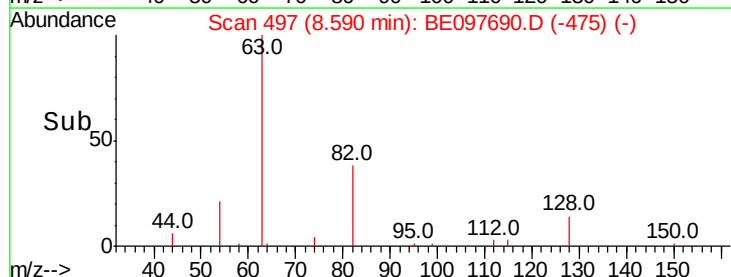
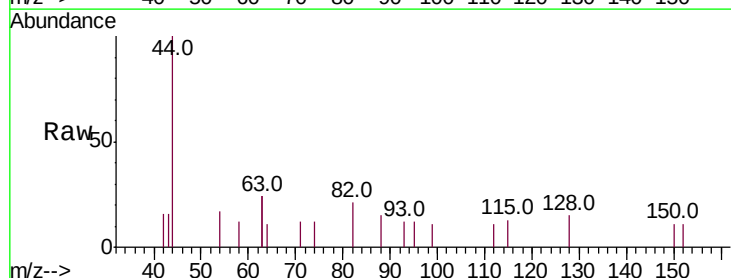
Tgt Ion: 82 Resp: 180

Ion Ratio Lower Upper

82 100

128 69.9 24.0 36.0#

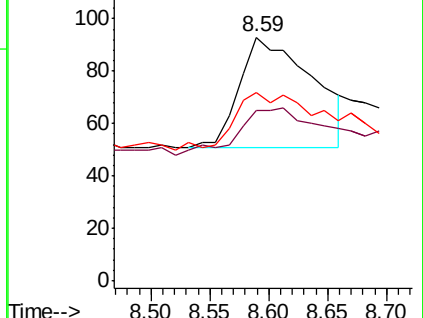
54 77.4 40.0 60.0#

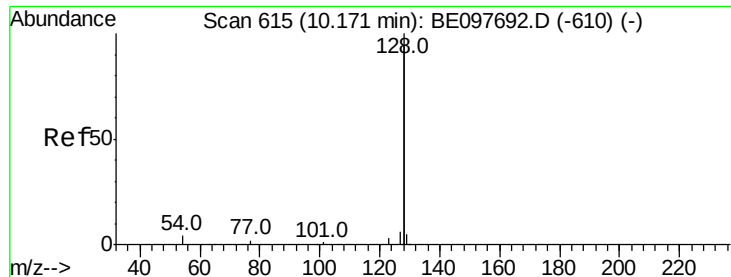


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.115 ng

RT: 10.18 min Scan# 616

Delta R.T. 0.01 min

Lab File: BE097690.D

Acq: 27 Sep 2018 11:51

Instrument :

BNA\_E

ClientSampleId :

SSTDIC0.1

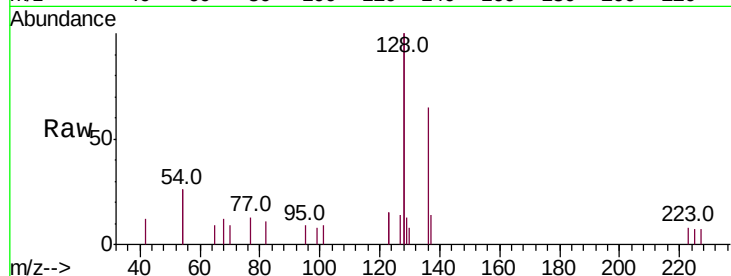
Tot Ion:128 Resp: 3911

Ion Ratio Lower Upper

128 100

129 6.3 2.6 3.8#

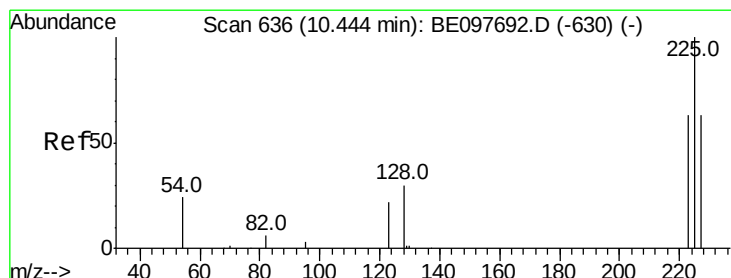
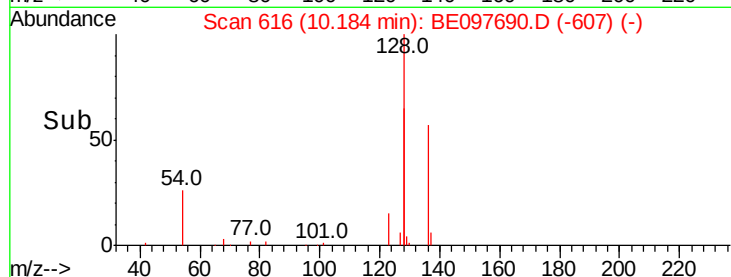
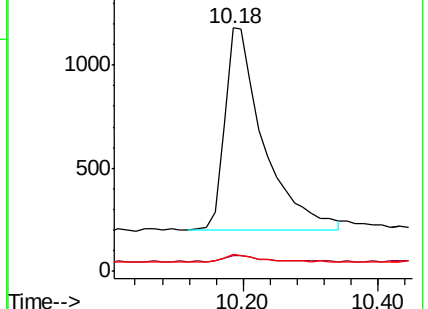
127 6.8 2.8 4.2#



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: 0.129 ng

RT: 10.44 min Scan# 636

Delta R.T. 0.00 min

Lab File: BE097690.D

Acq: 27 Sep 2018 11:51

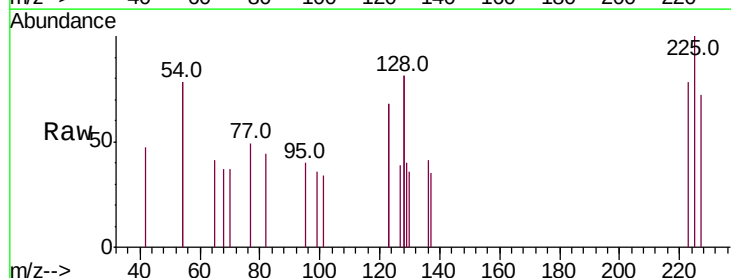
Tgt Ion:225 Resp: 199

Ion Ratio Lower Upper

225 100

223 61.3 53.0 79.6

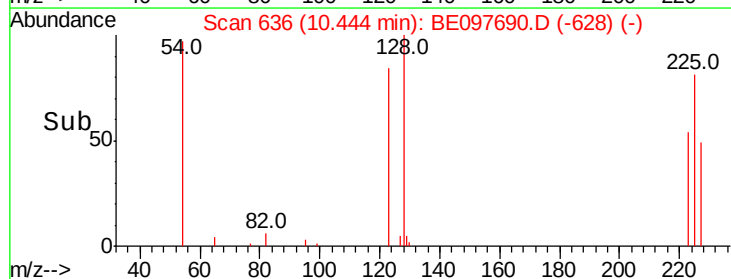
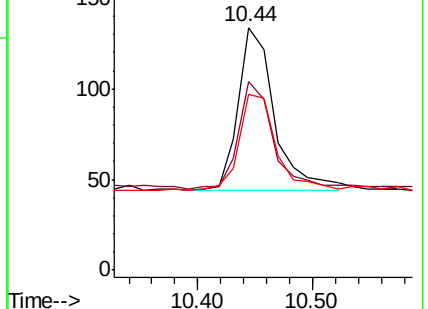
227 60.3 51.4 77.2

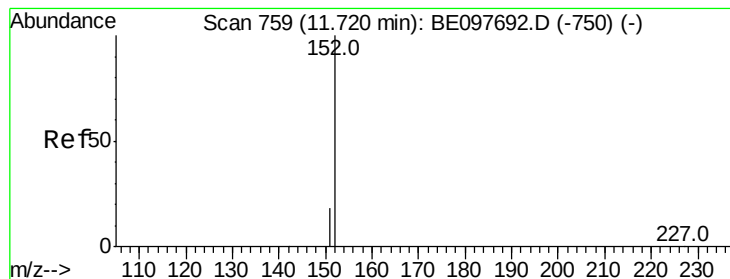


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.108 ng

RT: 11.76 min Scan# 767

Delta R.T. 0.04 min

Lab File: BE097690.D

Acq: 27 Sep 2018 11:51

Instrument :

BNA\_E

ClientSampleId :

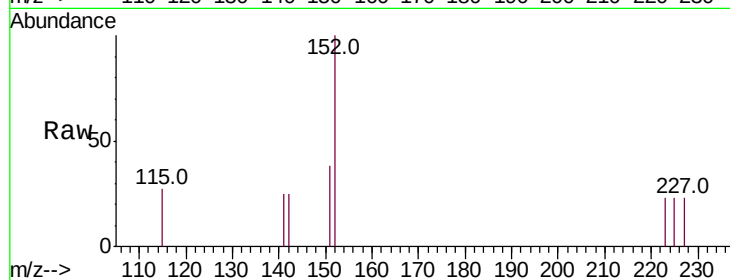
SSTDIC0.1

Tot Ion:152 Resp: 597

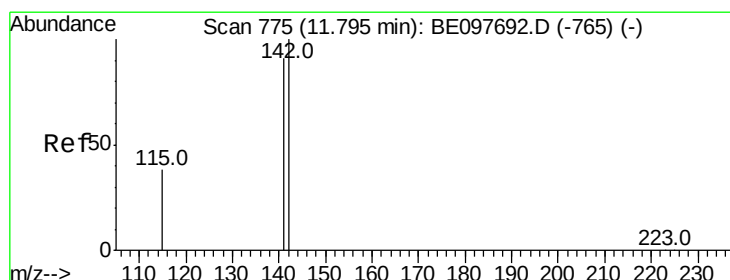
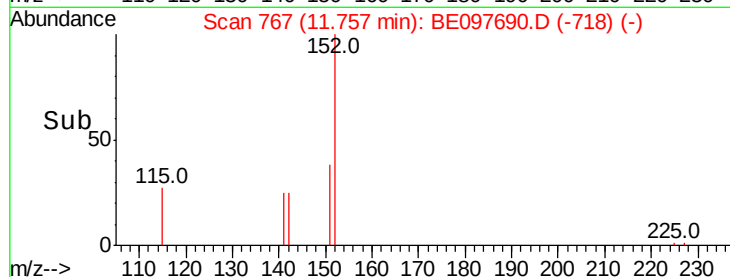
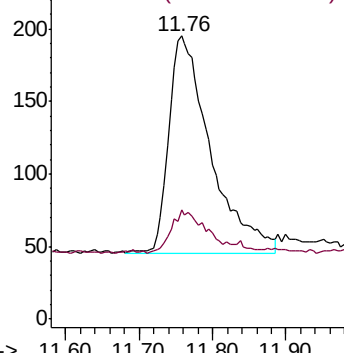
Ion Ratio Lower Upper

152 100

151 16.9 15.4 23.0



Abundance Ion 152.00 (151.70 to 152.70): E



#12

2-Methylnaphthalene

Concen: 0.100 ng

RT: 11.84 min Scan# 785

Delta R.T. 0.05 min

Lab File: BE097690.D

Acq: 27 Sep 2018 11:51

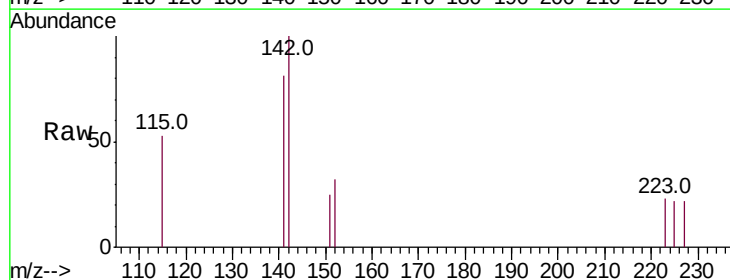
Tgt Ion:142 Resp: 539

Ion Ratio Lower Upper

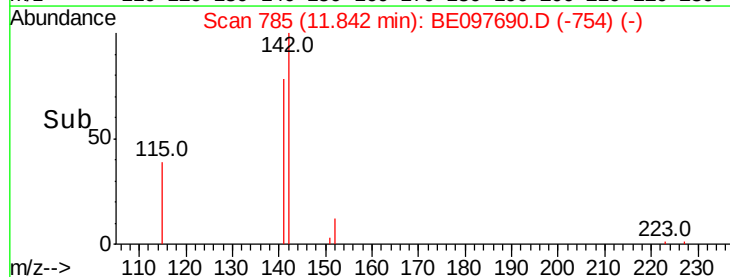
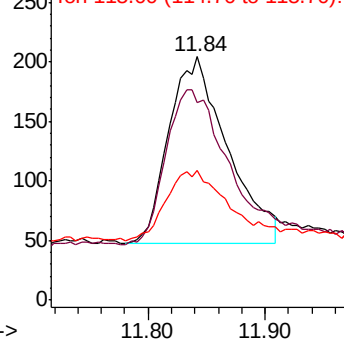
142 100

141 81.4 70.4 105.6

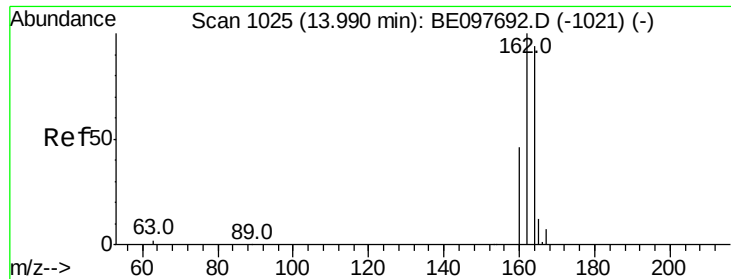
115 53.4 31.7 47.5#



Abundance Ion 142.00 (141.70 to 142.70): E



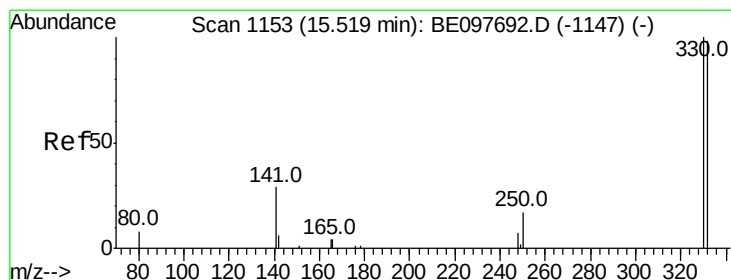
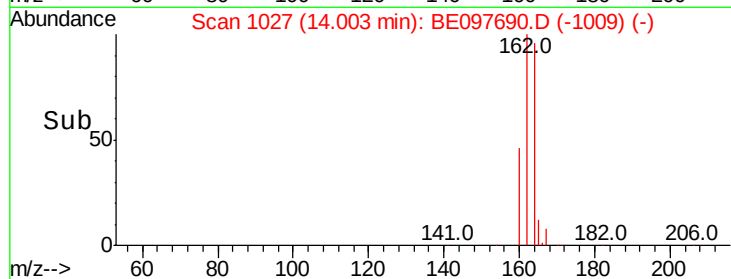
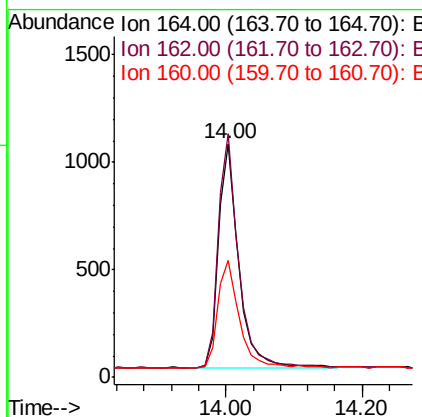
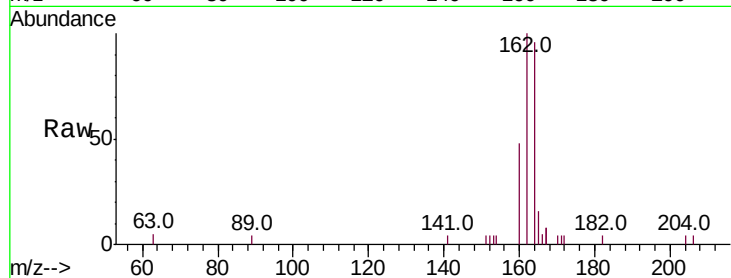




#13  
 Acenaphthene-d10  
 Concen: 0.400 ng  
 RT: 14.00 min Scan# 1027  
 Delta R.T. 0.01 min  
 Lab File: BE097690.D  
 Acq: 27 Sep 2018 11:51

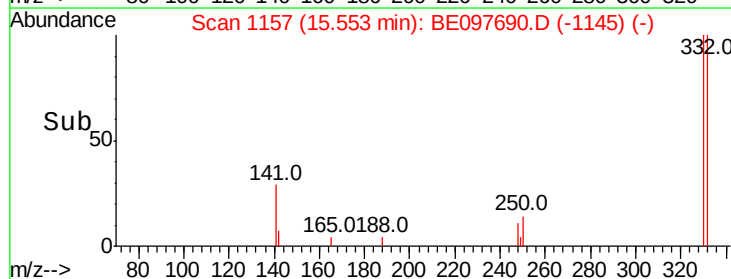
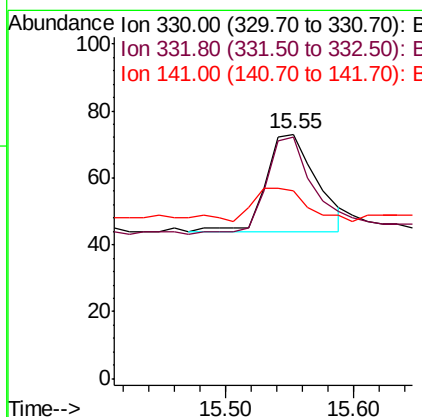
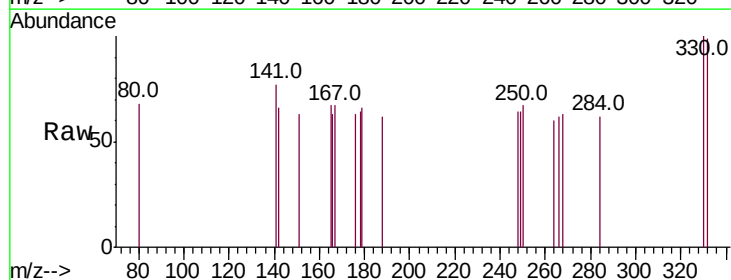
Instrument :  
 BNA\_E  
 ClientSampleId :  
 SSTDICC0.1

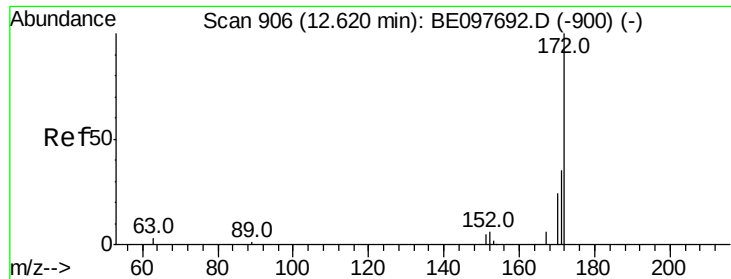
Tot Ion:164 Resp: 2164  
 Ion Ratio Lower Upper  
 164 100  
 162 104.2 83.1 124.7  
 160 49.9 37.1 55.7



#14  
 2,4,6-Tribromophenol  
 Concen: 0.094 ng  
 RT: 15.55 min Scan# 1157  
 Delta R.T. 0.03 min  
 Lab File: BE097690.D  
 Acq: 27 Sep 2018 11:51

Tgt Ion:330 Resp: 79  
 Ion Ratio Lower Upper  
 330 100  
 332 96.2 152.7 229.1#  
 141 0.0 33.7 50.5#

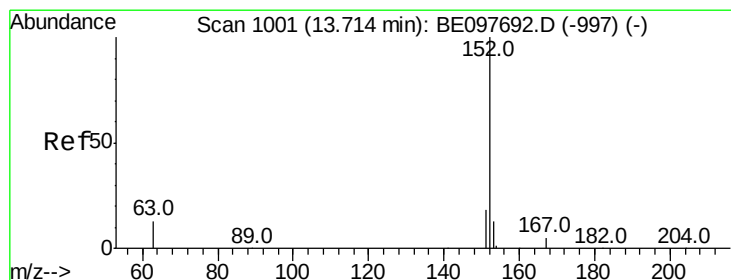
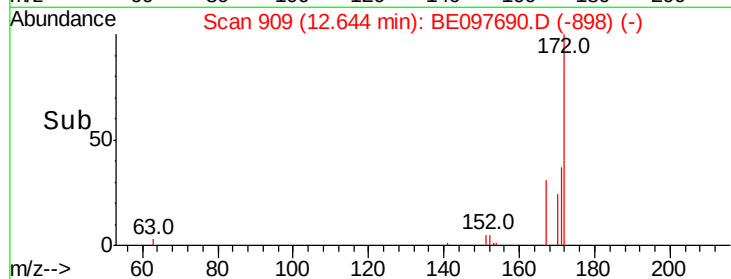
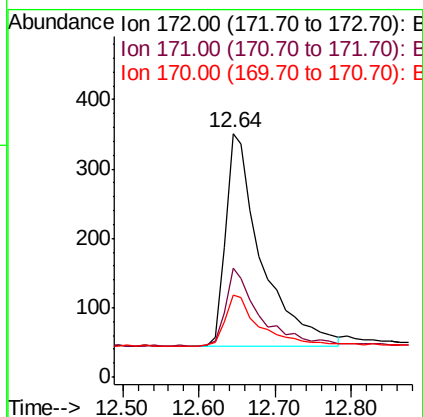
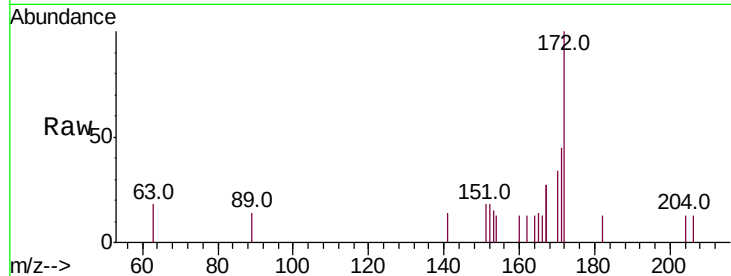




#15  
2-Fluorobiphenyl  
Concen: 0.144 ng  
RT: 12.64 min Scan# 909  
Delta R.T. 0.02 min  
Lab File: BE097690.D  
Acq: 27 Sep 2018 11:51

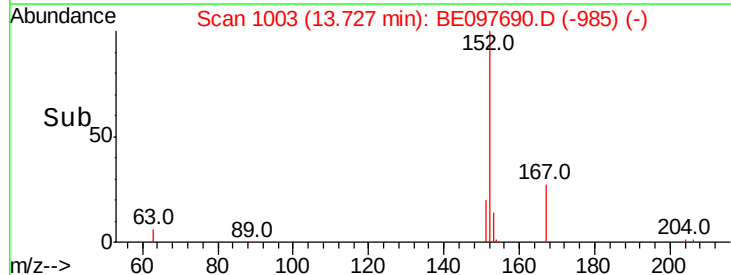
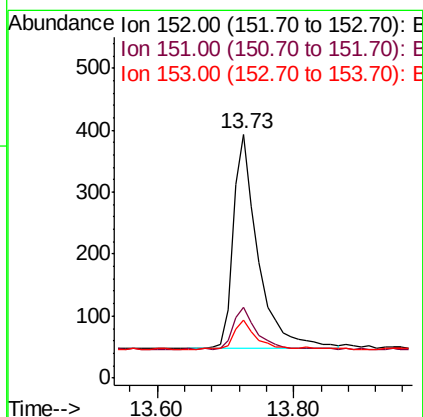
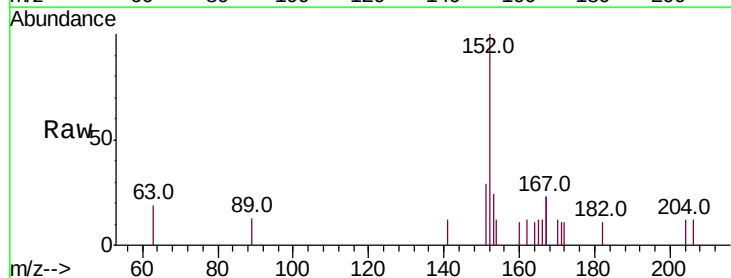
Instrument :  
BNA\_E  
ClientSampleId :  
SSTDIC0.1

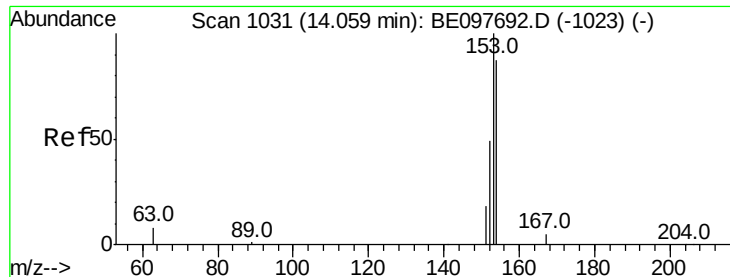
Tot Ion:172 Resp: 1014  
Ion Ratio Lower Upper  
172 100  
171 44.7 29.9 44.9  
170 33.6 21.8 32.8#



#16  
Acenaphthylene  
Concen: 0.101 ng  
RT: 13.73 min Scan# 1003  
Delta R.T. 0.01 min  
Lab File: BE097690.D  
Acq: 27 Sep 2018 11:51

Tgt Ion:152 Resp: 883  
Ion Ratio Lower Upper  
152 100  
151 20.6 15.7 23.5  
153 14.3 10.5 15.7





#17

Acenaphthene

Concen: 0.106 ng

RT: 14.06 min Scan# 1032

Delta R.T. 0.00 min

Lab File: BE097690.D

Acq: 27 Sep 2018 11:51

Instrument :

BNA\_E

ClientSampleId :

SSTDIC0.1

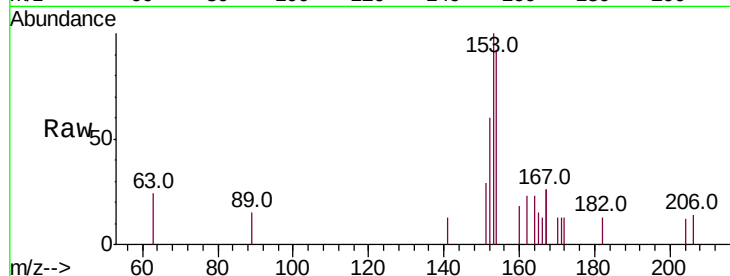
Tot Ion:154 Resp: 603

Ion Ratio Lower Upper

154 100

153 114.9 89.2 133.8

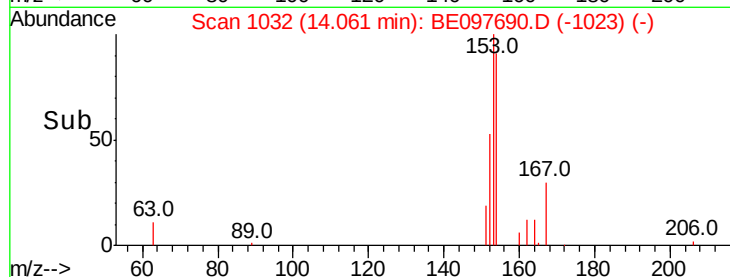
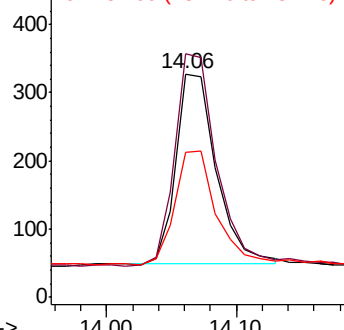
152 62.2 42.0 63.0



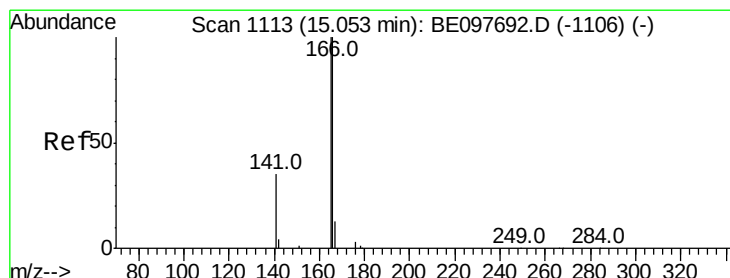
Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



Time-->



#18

Fluorene

Concen: 0.097 ng

RT: 15.07 min Scan# 1116

Delta R.T. 0.02 min

Lab File: BE097690.D

Acq: 27 Sep 2018 11:51

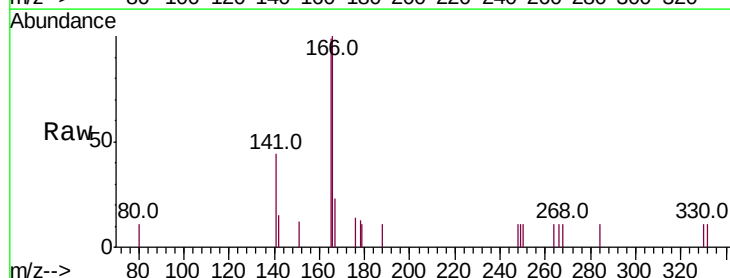
Tgt Ion:166 Resp: 778

Ion Ratio Lower Upper

166 100

165 97.0 77.8 116.6

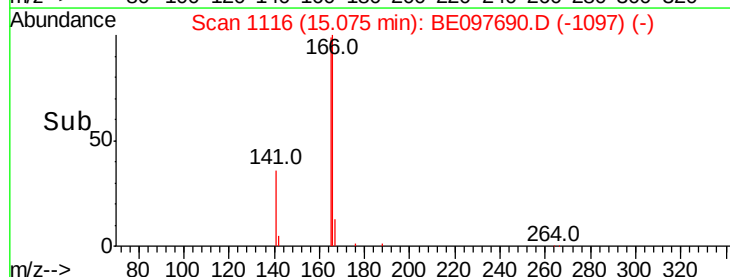
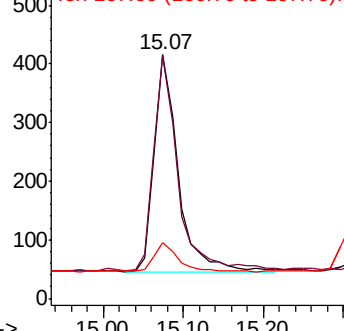
167 14.3 42.4 63.6#



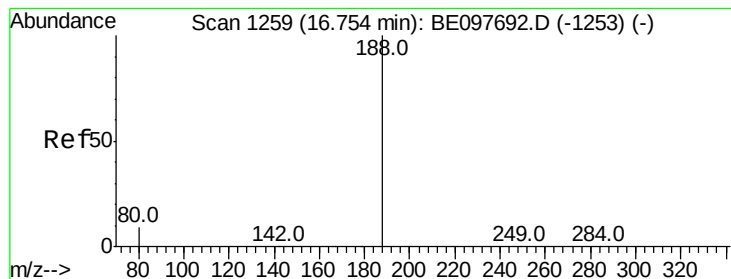
Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



Time-->



#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.76 min Scan# 1261

Delta R.T. 0.01 min

Lab File: BE097690.D

Acq: 27 Sep 2018 11:51

Instrument :

BNA\_E

ClientSampleId :

SSTDIC0.1

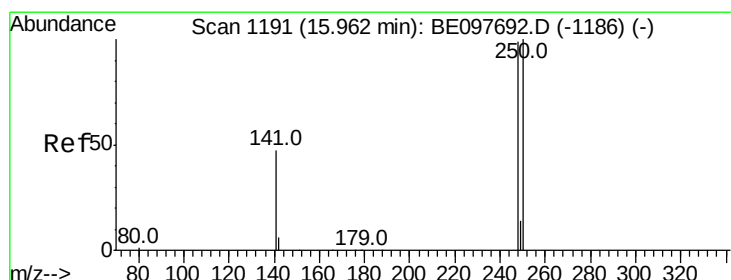
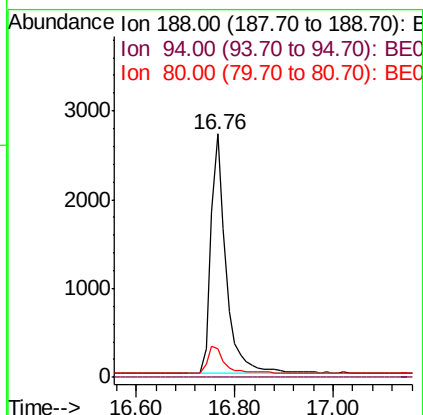
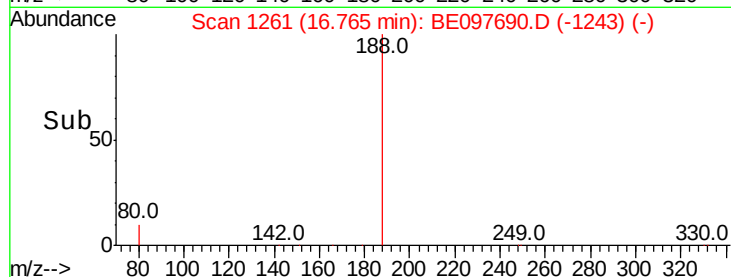
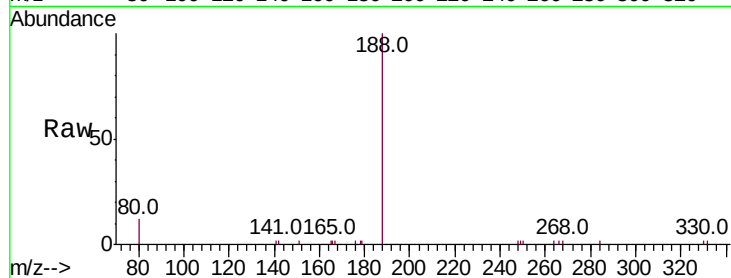
Tot Ion:188 Resp: 5777

Ion Ratio Lower Upper

188 100

94 0.0 3.9 5.9#

80 11.7 3.6 5.4#



#20

4-Bromophenyl-phenylether

Concen: 0.112 ng

RT: 15.97 min Scan# 1193

Delta R.T. 0.01 min

Lab File: BE097690.D

Acq: 27 Sep 2018 11:51

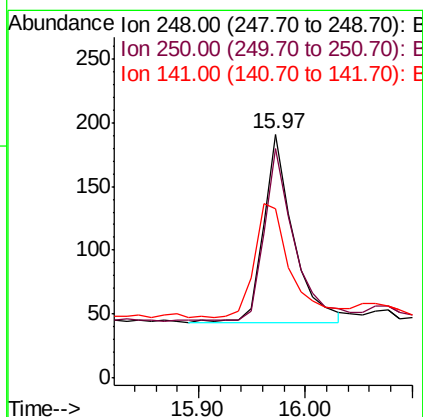
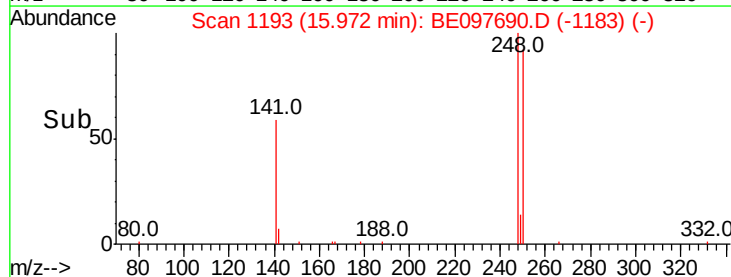
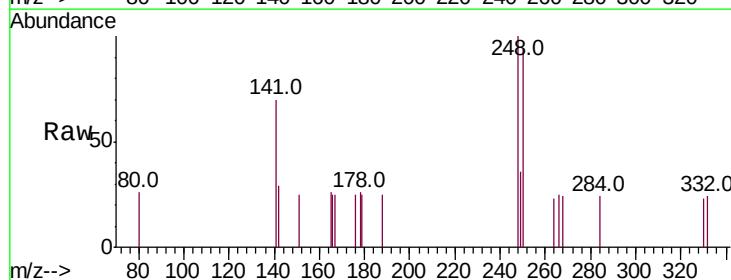
Tgt Ion:248 Resp: 287

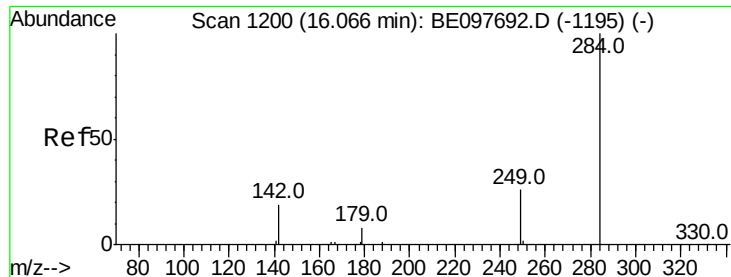
Ion Ratio Lower Upper

248 100

250 94.2 62.7 94.1#

141 69.6 48.2 72.2

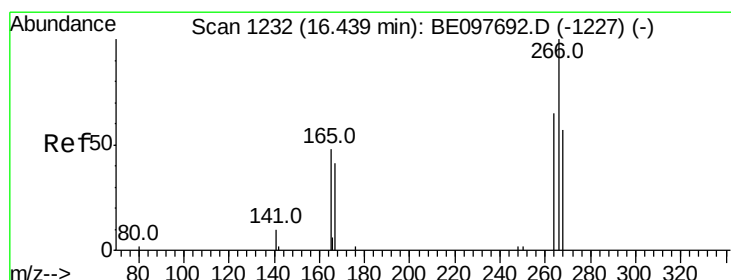
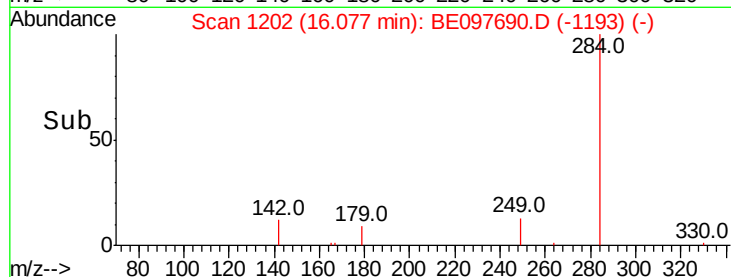
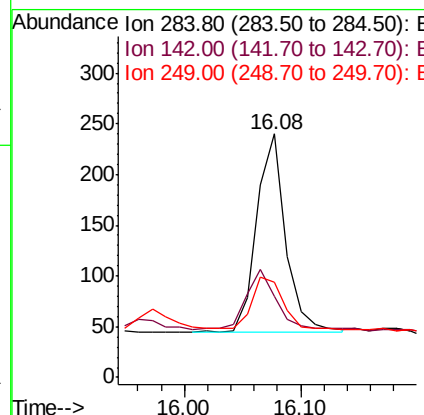
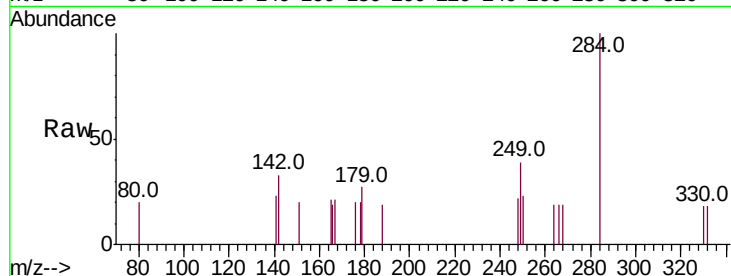




#21  
Hexachlorobenzene  
Concen: 0.114 ng  
RT: 16.08 min Scan# 1202  
Delta R.T. 0.01 min  
Lab File: BE097690.D  
Acq: 27 Sep 2018 11:51

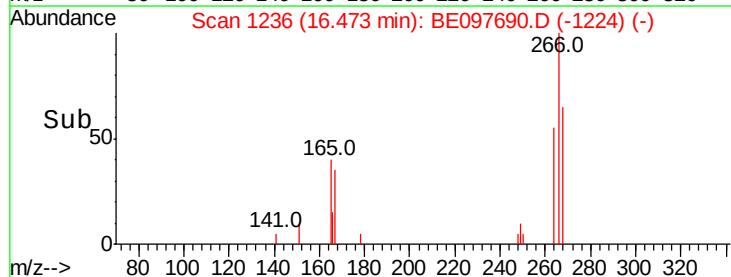
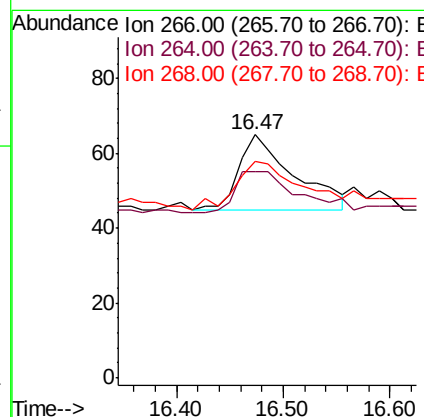
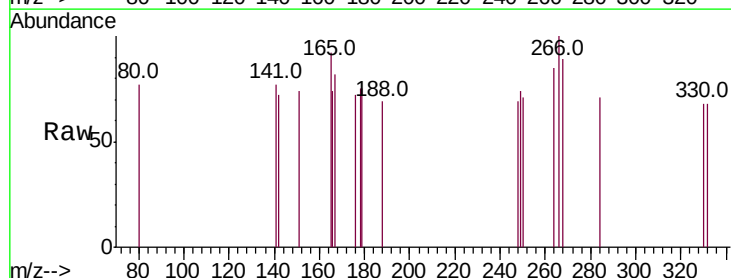
Instrument :  
BNA\_E  
ClientSampleId :  
SSTDIC0.1

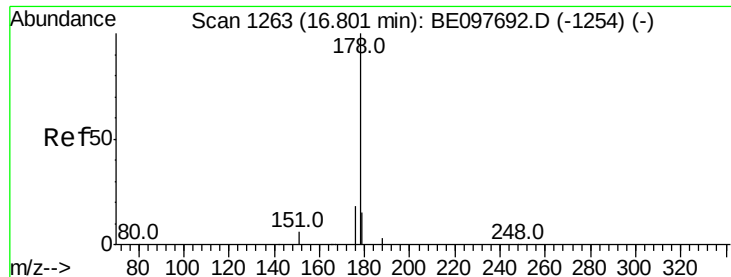
Tot Ion:284 Resp: 338  
Ion Ratio Lower Upper  
284 100  
142 31.7 22.1 33.1  
249 29.6 34.8 52.2#



#22  
Pentachlorophenol  
Concen: 0.101 ng  
RT: 16.47 min Scan# 1236  
Delta R.T. 0.03 min  
Lab File: BE097690.D  
Acq: 27 Sep 2018 11:51

Tgt Ion:266 Resp: 71  
Ion Ratio Lower Upper  
266 100  
264 84.6 72.5 108.7  
268 89.2 73.8 110.6





#23

Phenanthrene

Concen: 0.108 ng

RT: 16.81 min Scan# 1265

Delta R.T. 0.01 min

Lab File: BE097690.D

Acq: 27 Sep 2018 11:51

Instrument :

BNA\_E

ClientSampleId :

SSTDIC0.1

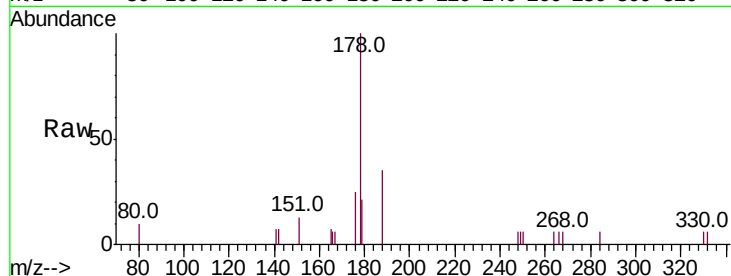
Tot Ion:178 Resp: 1481

Ion Ratio Lower Upper

178 100

176 19.9 15.1 22.7

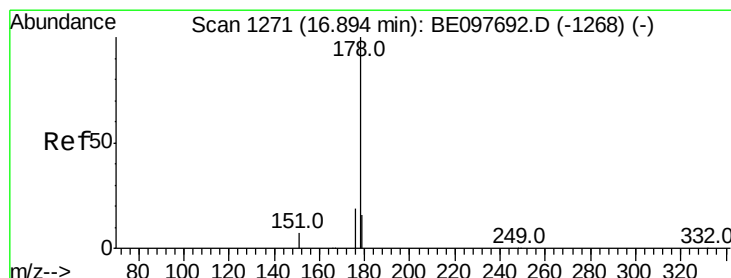
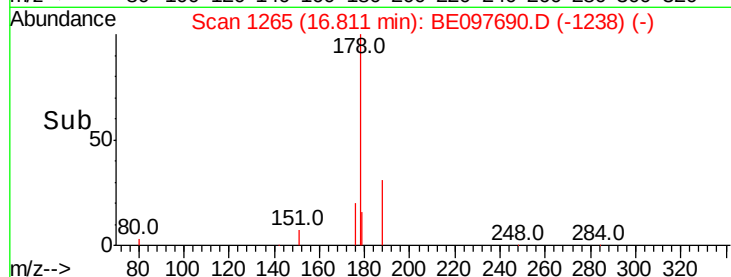
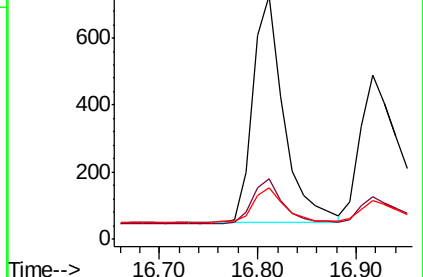
179 15.6 11.8 17.6



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: 0.098 ng

RT: 16.92 min Scan# 1274

Delta R.T. 0.02 min

Lab File: BE097690.D

Acq: 27 Sep 2018 11:51

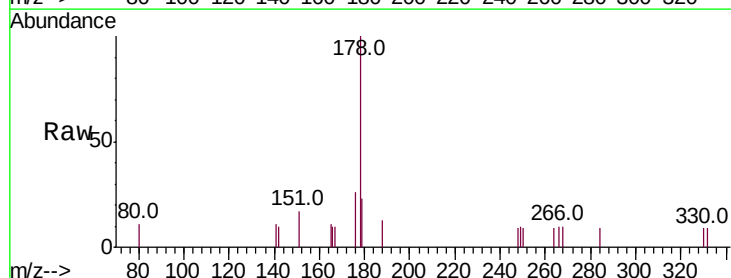
Tgt Ion:178 Resp: 1117

Ion Ratio Lower Upper

178 100

176 17.2 12.8 19.2

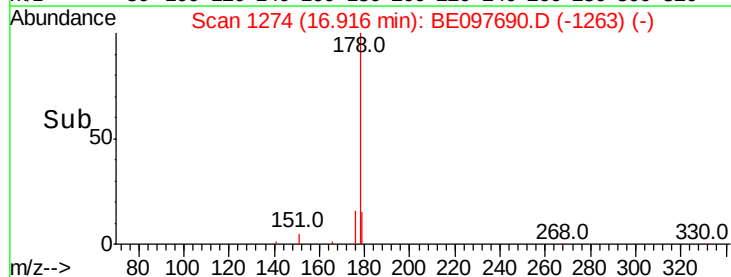
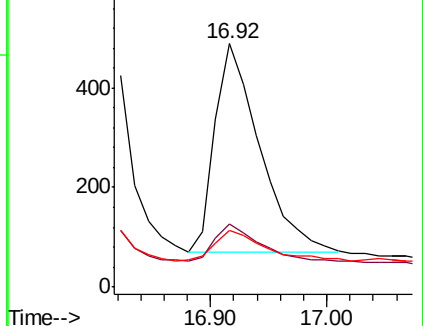
179 15.6 13.0 19.6

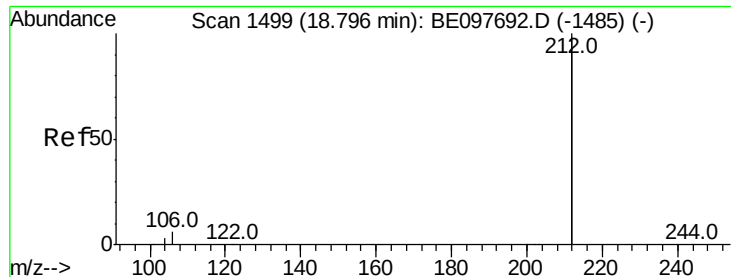


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.112 ng

RT: 18.81 min Scan# 1503

Delta R.T. 0.01 min

Lab File: BE097690.D

Acq: 27 Sep 2018 11:51

Instrument :

BNA\_E

ClientSampleId :

SSTDIC0.1

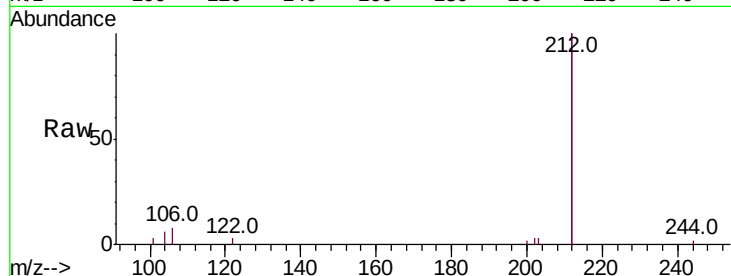
Tot Ion:212 Resp: 7085

Ion Ratio Lower Upper

212 100

106 3.0 2.8 4.2

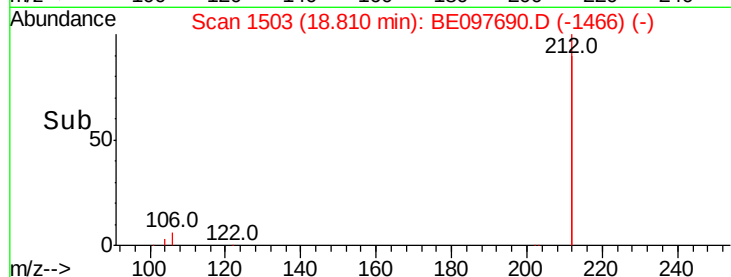
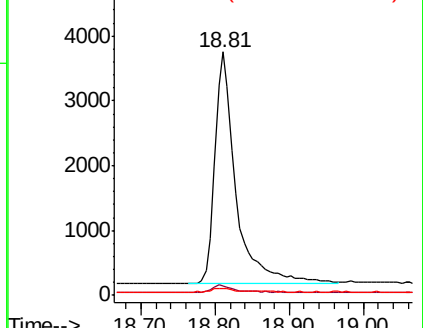
104 1.8 1.6 2.4



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: 0.110 ng

RT: 18.84 min Scan# 1509

Delta R.T. 0.01 min

Lab File: BE097690.D

Acq: 27 Sep 2018 11:51

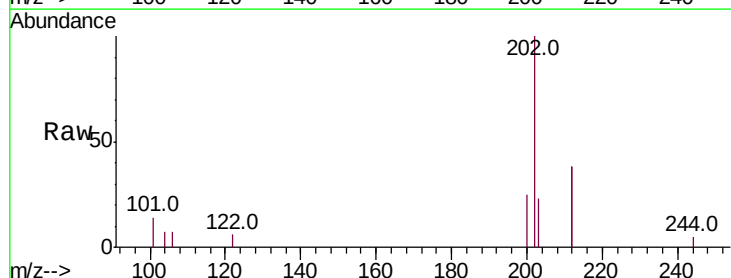
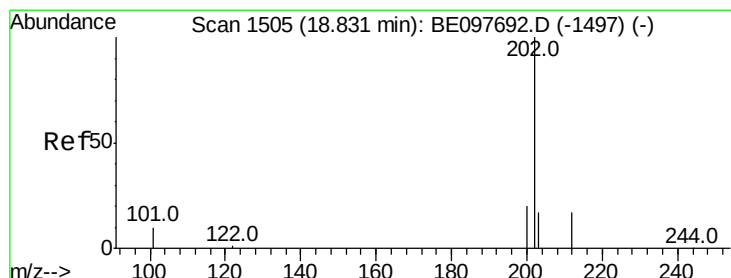
Tgt Ion:202 Resp: 1800

Ion Ratio Lower Upper

202 100

101 11.4 9.8 14.8

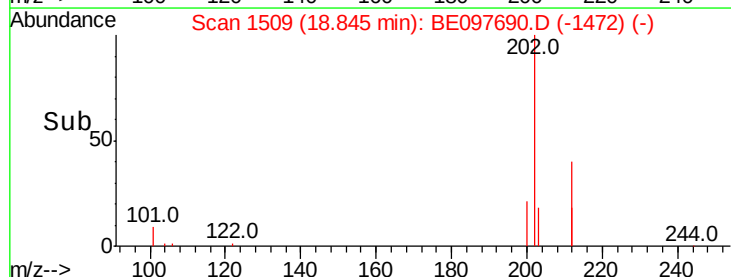
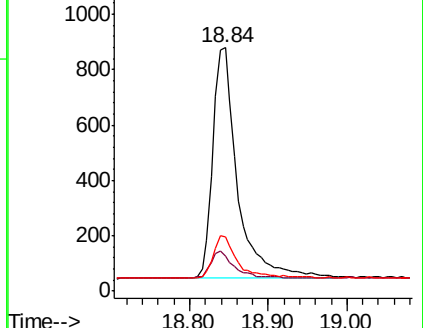
203 17.3 13.7 20.5

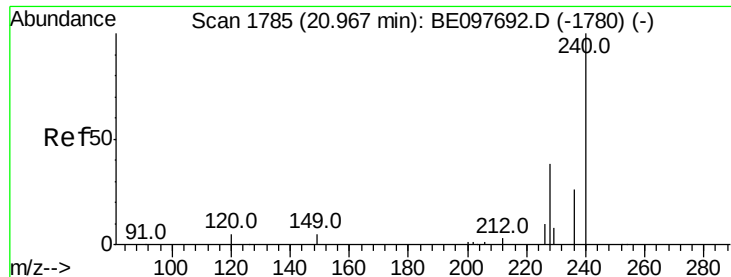


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

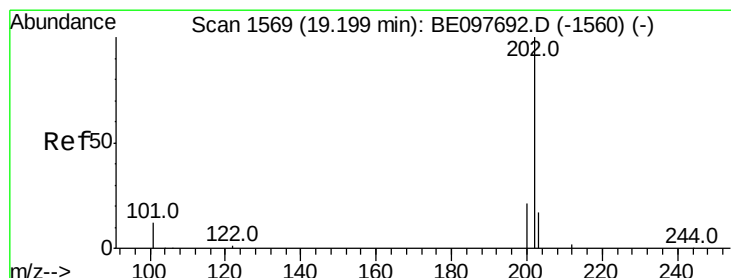
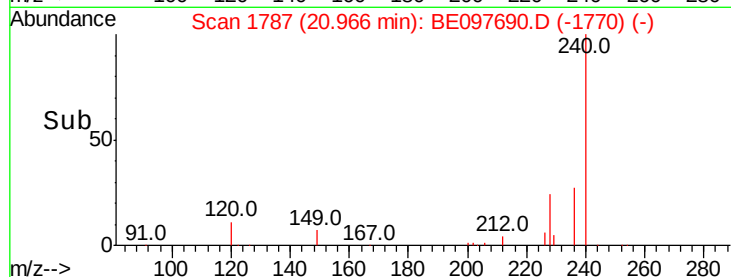
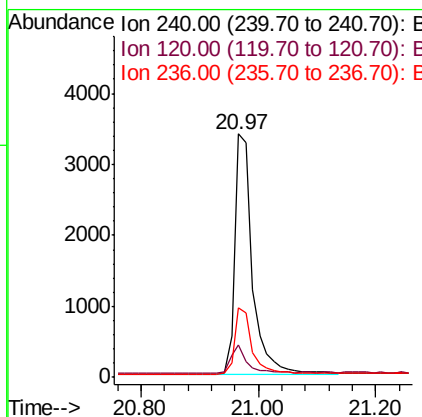
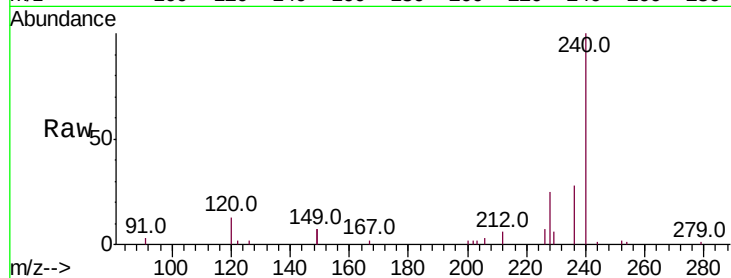




#27  
 Chrysene-d12  
 Concen: 0.400 ng  
 RT: 20.97 min Scan# 1787  
 Delta R.T. -0.00 min  
 Lab File: BE097690.D  
 Acq: 27 Sep 2018 11:51

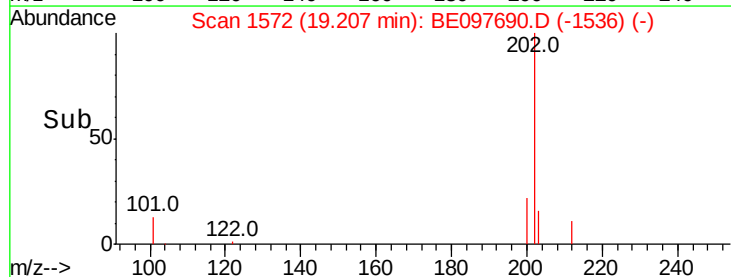
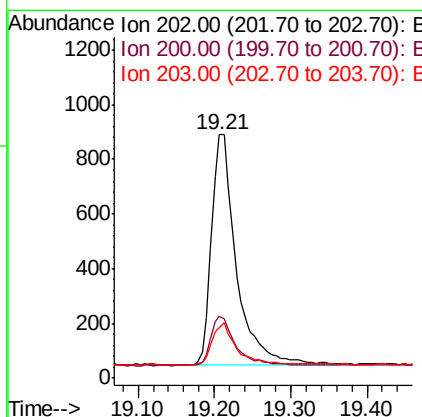
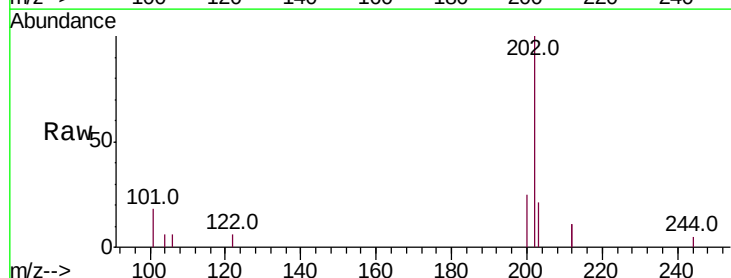
Instrument :  
 BNA\_E  
 ClientSampleId :  
 SSTDICC0.1

Tot Ion:240 Resp: 7103  
 Ion Ratio Lower Upper  
 240 100  
 120 13.1 5.5 8.3#  
 236 28.3 20.7 31.1

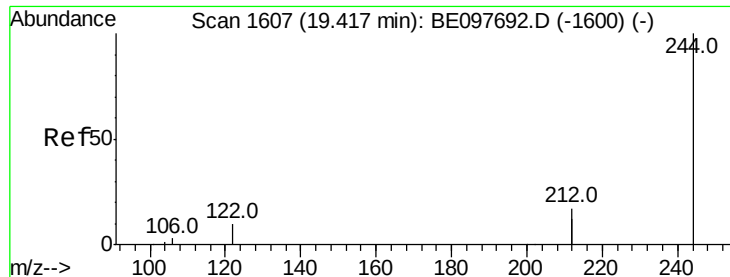


#28  
 Pyrene  
 Concen: 0.102 ng  
 RT: 19.21 min Scan# 1572  
 Delta R.T. 0.01 min  
 Lab File: BE097690.D  
 Acq: 27 Sep 2018 11:51

Tgt Ion:202 Resp: 1898  
 Ion Ratio Lower Upper  
 202 100  
 200 20.7 16.6 25.0  
 203 17.7 13.8 20.8







#29

Terphenyl-d14

Concen: 0.122 ng

RT: 19.43 min Scan# 1610

Delta R.T. 0.01 min

Lab File: BE097690.D

Acq: 27 Sep 2018 11:51

Instrument :

BNA\_E

ClientSampleId :

SSTDIC0.1

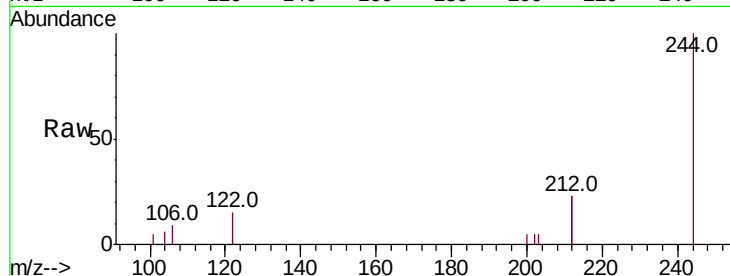
Tot Ion:244 Resp: 1711

Ion Ratio Lower Upper

244 100

212 45.1 25.4 38.0#

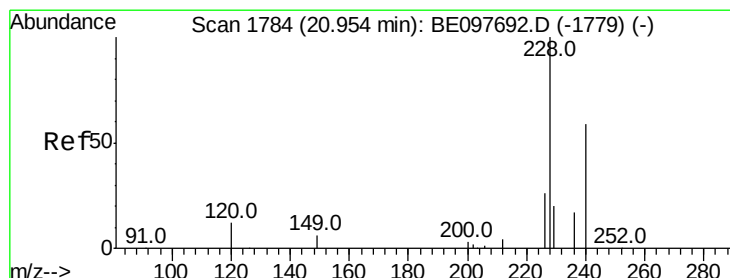
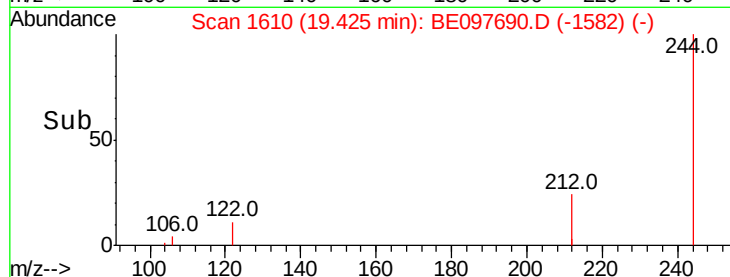
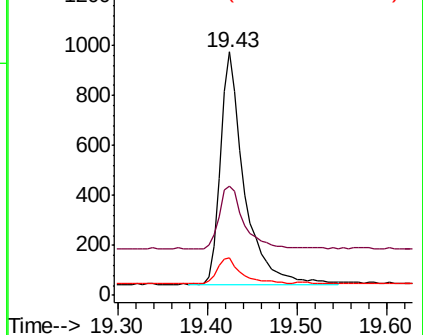
122 15.2 8.1 12.1#



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: 0.139 ng

RT: 21.01 min Scan# 1791

Delta R.T. 0.06 min

Lab File: BE097690.D

Acq: 27 Sep 2018 11:51

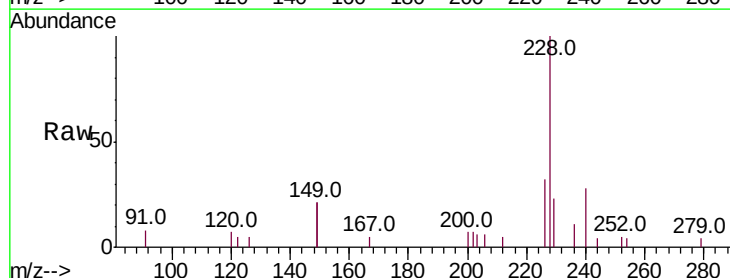
Tgt Ion:228 Resp: 2339

Ion Ratio Lower Upper

228 100

226 32.3 24.0 36.0

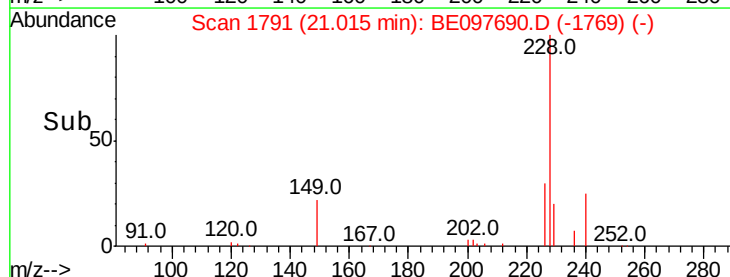
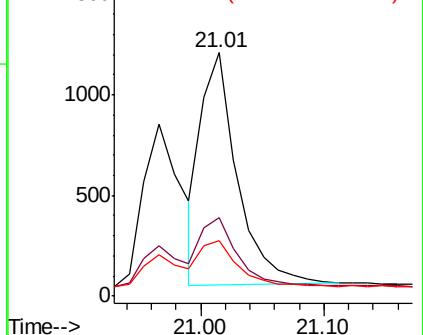
229 22.7 16.0 24.0

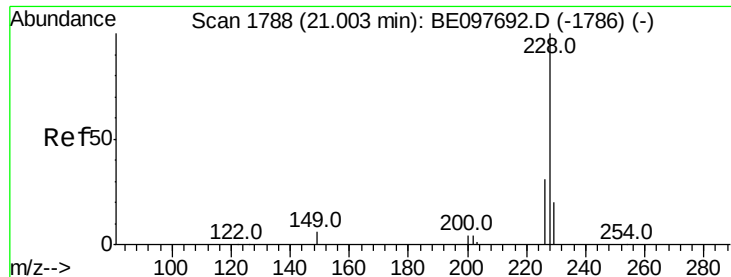


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.119 ng

RT: 21.01 min Scan# 1791

Delta R.T. 0.01 min

Lab File: BE097690.D

Acq: 27 Sep 2018 11:51

Instrument :

BNA\_E

ClientSampleId :

SSTDIC0.1

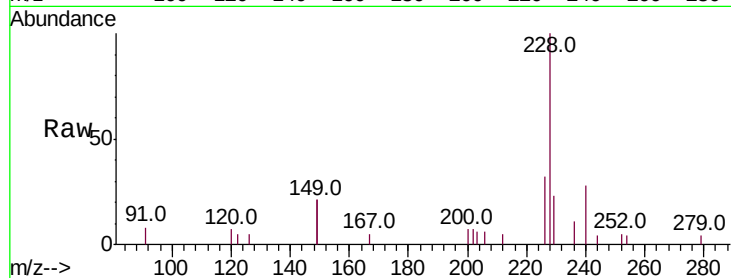
Tot Ion:228 Resp: 2328

Ion Ratio Lower Upper

228 100

226 32.3 24.0 36.0

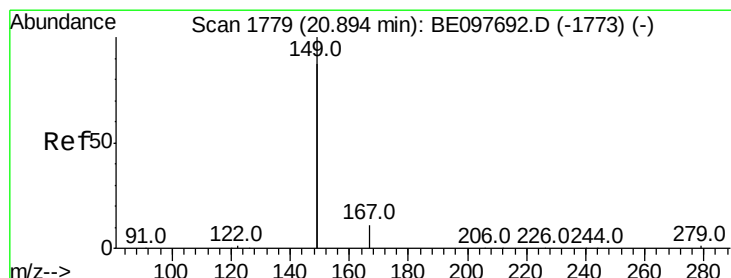
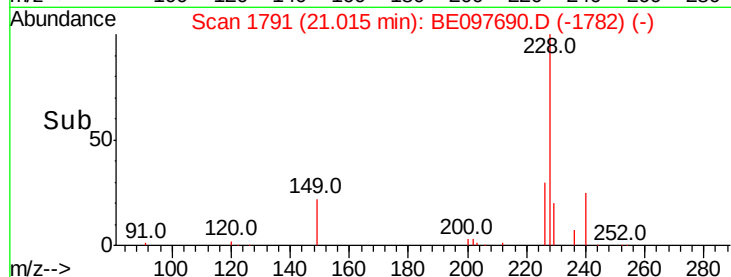
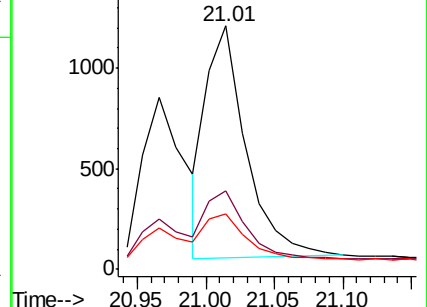
229 22.7 16.0 24.0



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: 0.119 ng

RT: 20.91 min Scan# 1782

Delta R.T. 0.01 min

Lab File: BE097690.D

Acq: 27 Sep 2018 11:51

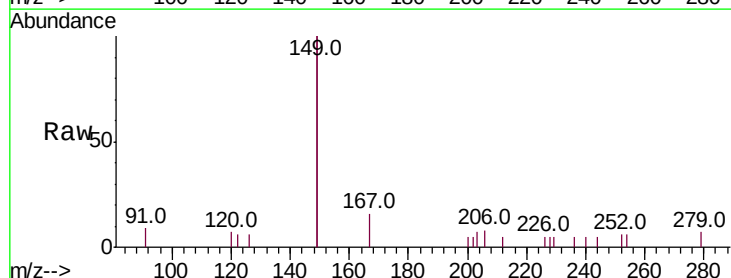
Tgt Ion:149 Resp: 2286

Ion Ratio Lower Upper

149 100

167 7.2 5.4 8.0

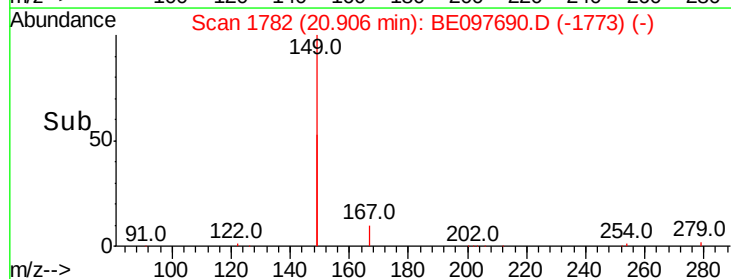
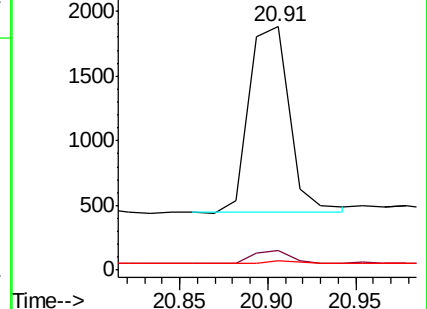
279 1.2 0.7 1.1#

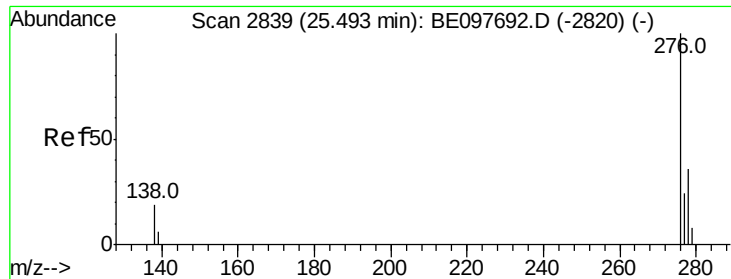


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#33

Indeno(1,2,3-cd)pyrene

Concen: 0.124 ng

RT: 25.52 min Scan# 2850

Delta R.T. 0.03 min

Lab File: BE097690.D

Acq: 27 Sep 2018 11:51

Instrument :

BNA\_E

ClientSampleId :

SSTDIC0.1

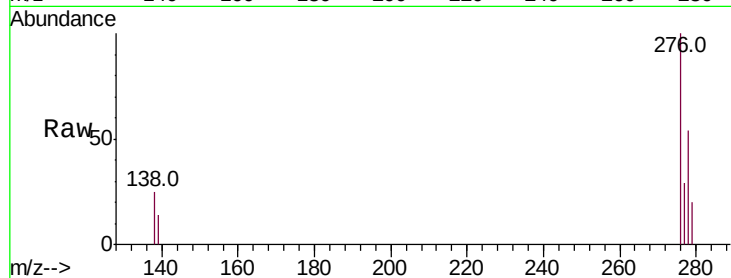
Tot Ion:276 Resp: 2571

Ion Ratio Lower Upper

276 100

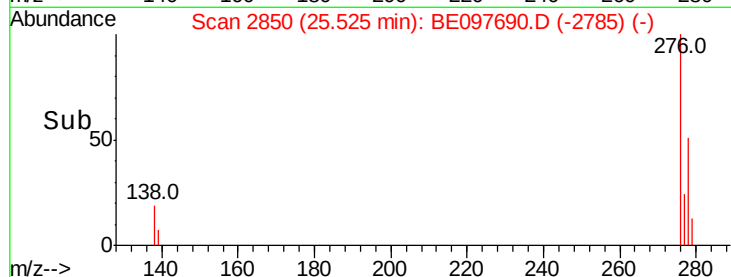
138 22.2 22.5 33.7#

277 24.5 19.9 29.9

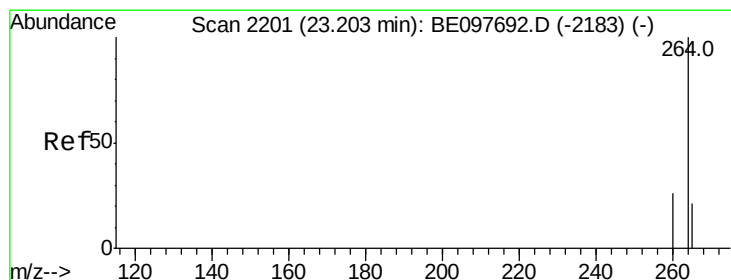


Abundance Ion 276.00 (275.70 to 276.70): E  
Ion 138.00 (137.70 to 138.70): E  
Ion 277.00 (276.70 to 277.70): E

25.52



Time-->



#34

Perylene-d12

Concen: 0.400 ng

RT: 23.21 min Scan# 2204

Delta R.T. 0.00 min

Lab File: BE097690.D

Acq: 27 Sep 2018 11:51

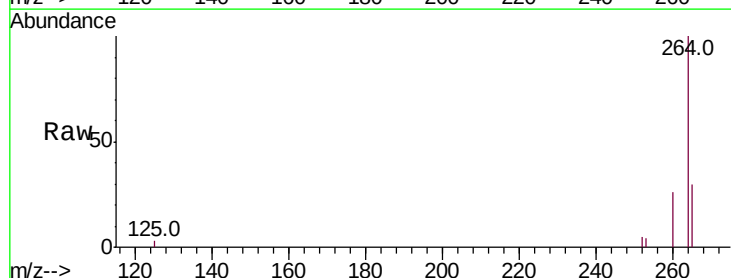
Tgt Ion:264 Resp: 7133

Ion Ratio Lower Upper

264 100

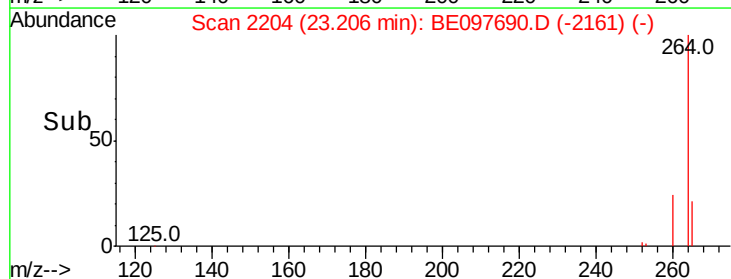
260 25.6 20.5 30.7

265 30.4 22.8 34.2

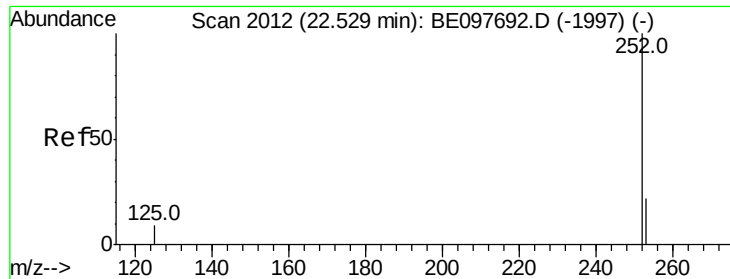


Abundance Ion 264.00 (263.70 to 264.70): E  
Ion 260.00 (259.70 to 260.70): E  
Ion 265.00 (264.70 to 265.70): E

23.21



Time-->



#35

Benzo(b)fluoranthene

Concen: 0.107 ng

RT: 22.54 min Scan# 2017

Delta R.T. 0.01 min

Lab File: BE097690.D

Acq: 27 Sep 2018 11:51

Instrument :

BNA\_E

ClientSampleId :

SSTDIC0.1

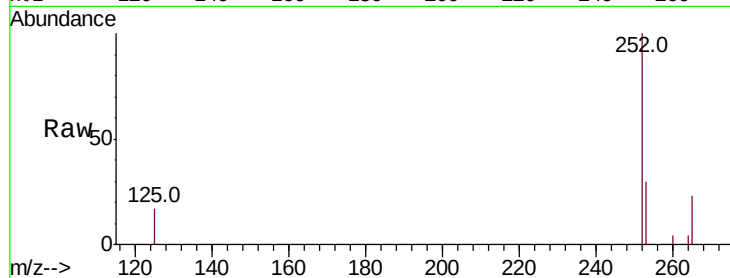
Tot Ion:252 Resp: 1957

Ion Ratio Lower Upper

252 100

253 29.6 20.0 30.0

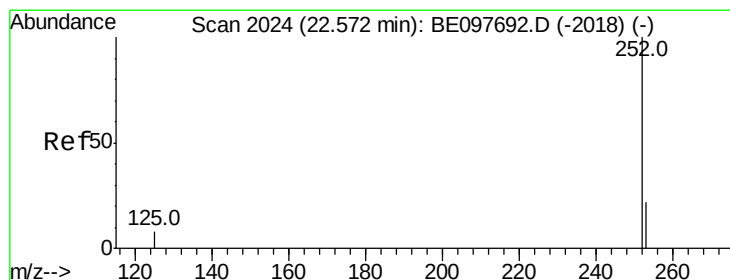
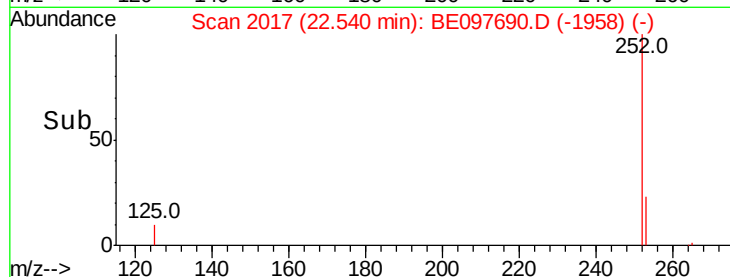
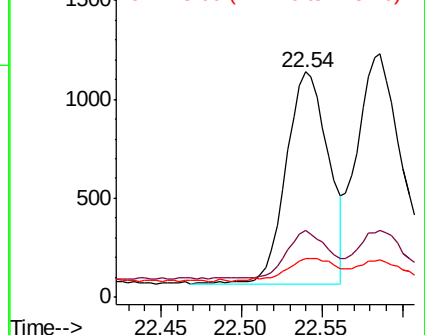
125 17.0 16.0 24.0



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#36

Benzo(k)fluoranthene

Concen: 0.105 ng

RT: 22.59 min Scan# 2030

Delta R.T. 0.01 min

Lab File: BE097690.D

Acq: 27 Sep 2018 11:51

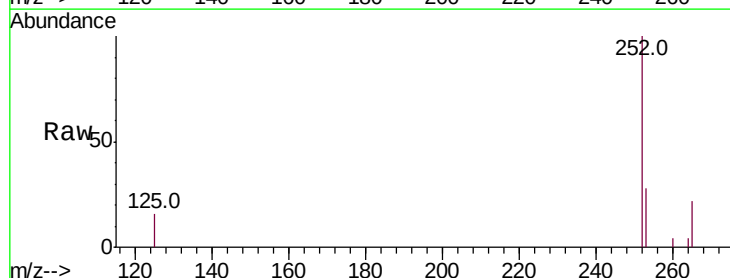
Tgt Ion:252 Resp: 2260

Ion Ratio Lower Upper

252 100

253 27.7 16.0 24.0#

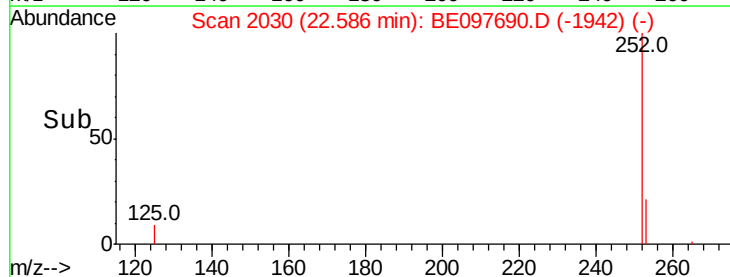
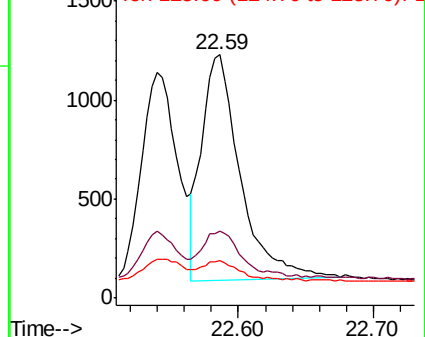
125 15.6 8.0 12.0#

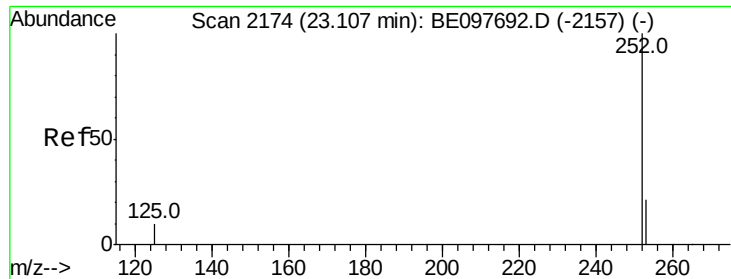


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#37

Benzo(a)pyrene

Concen: 0.113 ng

RT: 23.12 min Scan# 2180

Delta R.T. 0.01 min

Lab File: BE097690.D

Acq: 27 Sep 2018 11:51

Instrument :

BNA\_E

ClientSampleId :

SSTDIC0.1

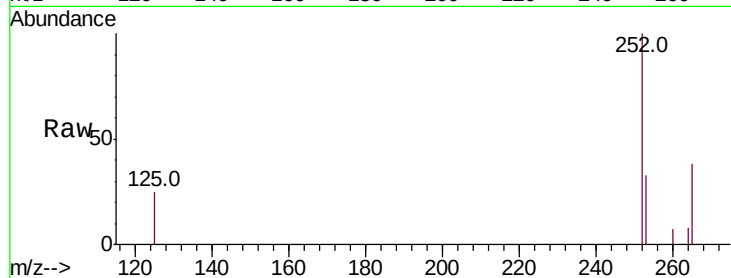
Tot Ion:252 Resp: 2043

Ion Ratio Lower Upper

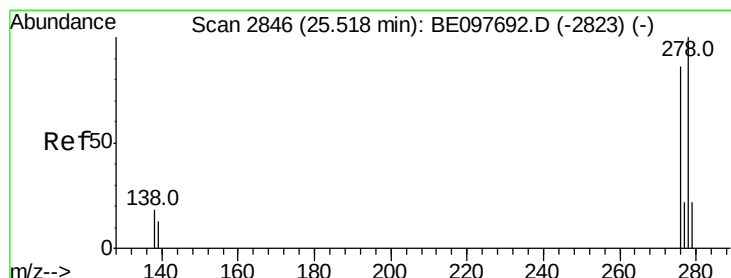
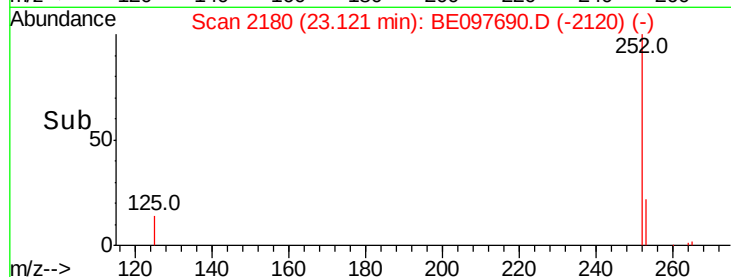
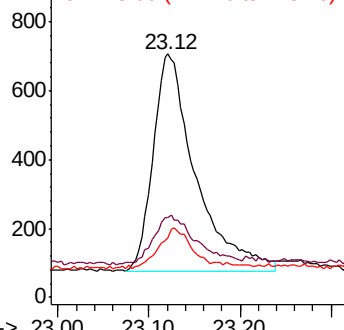
252 100

253 33.0 16.0 24.0#

125 24.6 12.0 18.0#



Abundance Ion 252.00 (251.70 to 252.70): E  
Ion 253.00 (252.70 to 253.70): E  
Ion 125.00 (124.70 to 125.70): E



#38

Dibenzo(a,h)anthracene

Concen: 0.113 ng

RT: 25.54 min Scan# 2855

Delta R.T. 0.02 min

Lab File: BE097690.D

Acq: 27 Sep 2018 11:51

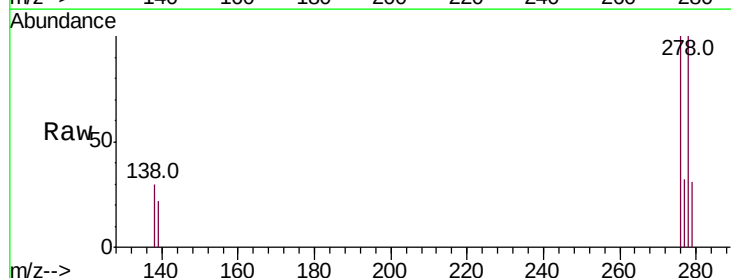
Tgt Ion:278 Resp: 2138

Ion Ratio Lower Upper

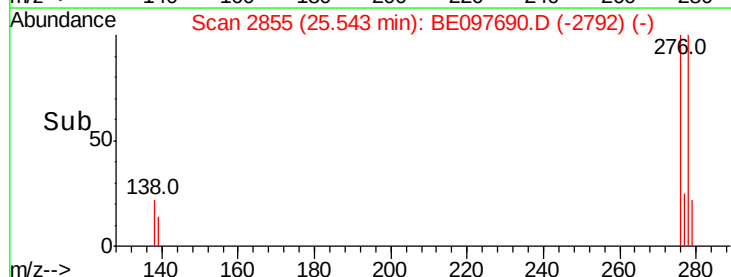
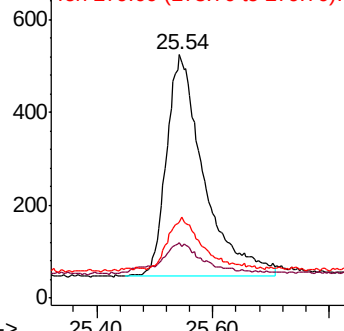
278 100

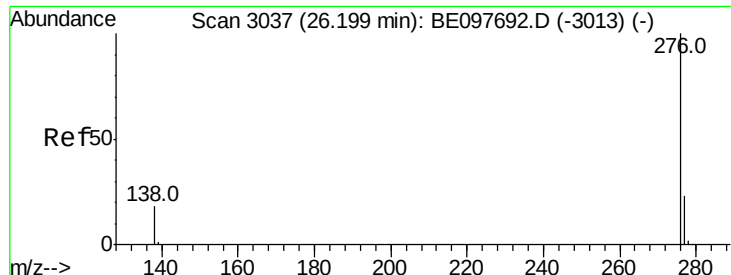
139 22.5 16.0 24.0

279 31.2 20.0 30.0#



Abundance Ion 278.00 (277.70 to 278.70): E  
Ion 139.00 (138.70 to 139.70): E  
Ion 279.00 (278.70 to 279.70): E





#39

Benzo(a,h,i)perylene

Concen: 0.119 ng

RT: 26.23 min Scan# 3047

Delta R.T. 0.03 min

Lab File: BE097690.D

Acq: 27 Sep 2018 11:51

Instrument :

BNA\_E

ClientSampleId :

SSTDIC0.1

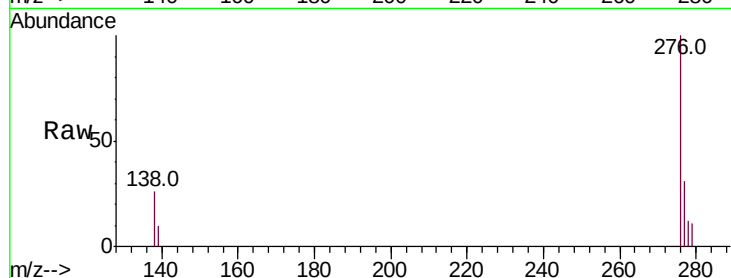
Tot Ion:276 Resp: 2250

Ion Ratio Lower Upper

276 100

277 30.7 16.0 24.0#

138 25.9 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

