

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE012518\
 Data File : BE095107.D
 Acq On : 25 Jan 2018 9:22
 Operator : SJ/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4

Quant Time: Jan 25 19:19:29 2018
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE012318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 23 15:47:25 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.46	152	6893	0.40	ng	0.00
7) Naphthalene-d8	11.31	136	16572	0.40	ng	0.00
13) Acenaphthene-d10	15.03	164	9619	0.40	ng	0.00
19) Phenanthrene-d10	17.74	188	22454	0.40	ng	0.00
27) Chrysene-d12	21.84	240	23367	0.40	ng	0.00
34) Perylene-d12	24.48	264	20106	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.94	112	4432	0.40	ng	0.00
5) Phenol-d6	7.58	99	6562	0.39	ng	0.00
8) Nitrobenzene-d5	9.63	82	5791	0.38	ng	0.00
11) 2-Methylnaphthalene-d10	12.84	152	10901	0.40	ng	0.00
14) 2,4,6-Tribromophenol	16.50	330	981	0.40	ng	0.00
15) 2-Fluorobiphenyl	13.68	172	16825	0.40	ng	0.00
25) Fluoranthene-d10	19.72	212	111232	0.39	ng	0.00
29) Terphenyl-d14	20.28	244	18734	0.39	ng	0.00

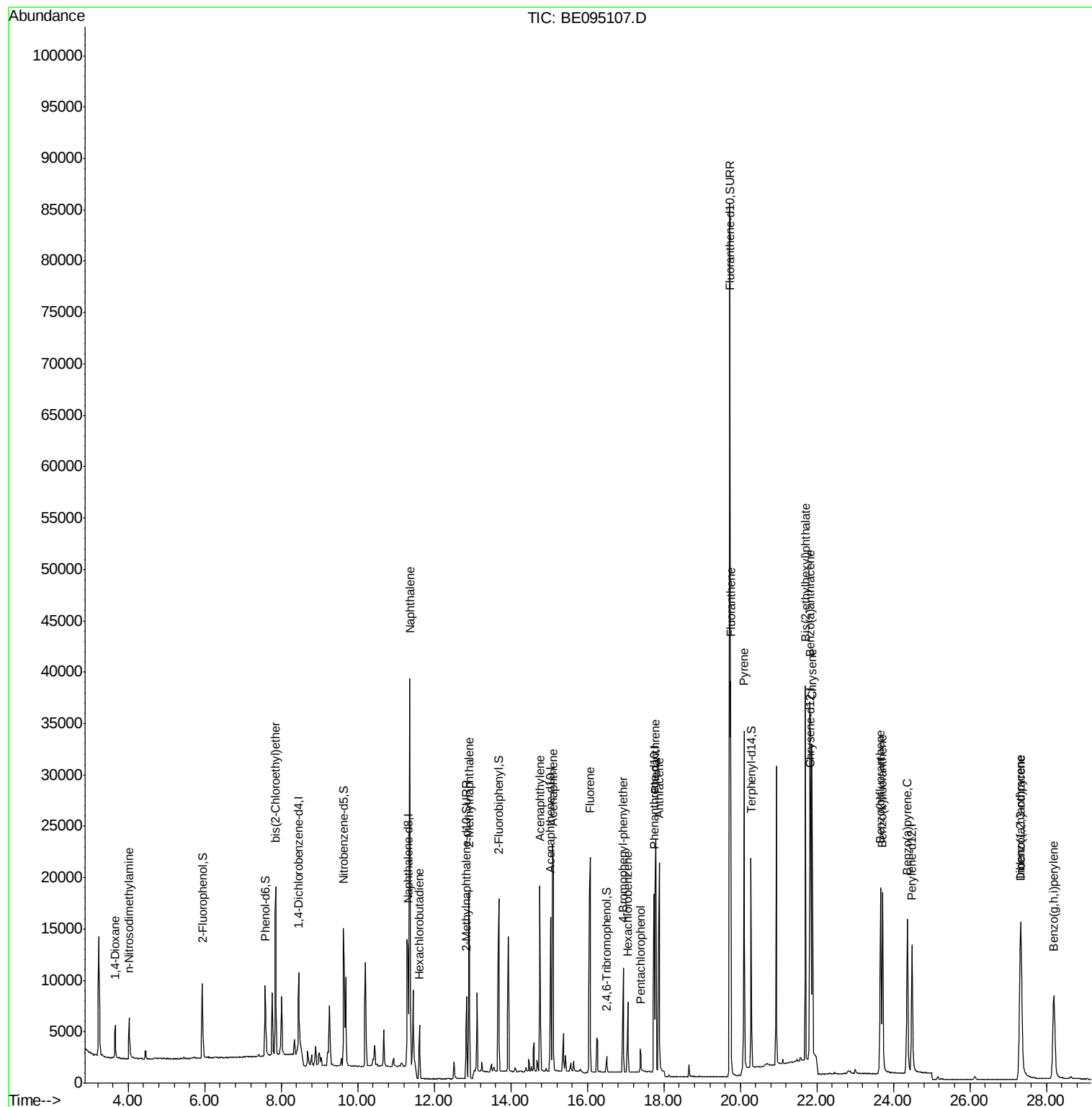
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.66	88	2426	0.358	ng	# 88
3) n-Nitrosodimethylamine	4.02	42	3177	0.393	ng	# 95
6) bis(2-Chloroethyl)ether	7.86	93	6325	0.401	ng	91
9) Naphthalene	11.36	128	75763	0.400	ng	99
10) Hexachlorobutadiene	11.61	225	3404	0.400	ng	97
12) 2-Methylnaphthalene	12.91	142	12813	0.394	ng	95
16) Acenaphthylene	14.77	152	19946	0.387	ng	100
17) Acenaphthene	15.11	154	13273	0.396	ng	94
18) Fluorene	16.07	166	16188	0.387	ng	# 79
20) 4-Bromophenyl-phenylether	16.94	248	5104	0.386	ng	# 78
21) Hexachlorobenzene	17.06	284	5247	0.396	ng	# 83
22) Pentachlorophenol	17.38	266	1438	0.526	ng	# 72
23) Phenanthrene	17.79	178	27120	0.391	ng	98
24) Anthracene	17.88	178	23947	0.387	ng	95
26) Fluoranthene	19.75	202	33106	0.397	ng	99
28) Pyrene	20.10	202	37961	0.384	ng	99
30) Benzo(a)anthracene	21.82	228	27842	0.381	ng	95
31) Chrysene	21.87	228	29318	0.397	ng	98
32) Bis(2-ethylhexyl)phthalate	21.70	149	41432	0.408	ng	100
33) Indeno(1,2,3-cd)pyrene	27.32	276	26787	0.399	ng	97
35) Benzo(b)fluoranthene	23.67	252	28280	0.397	ng	# 89
36) Benzo(k)fluoranthene	23.72	252	27076	0.371	ng	95
37) Benzo(a)pyrene	24.37	252	25732	0.394	ng	95
38) Dibenzo(a,h)anthracene	27.34	278	21116	0.384	ng	97
39) Benzo(g,h,i)perylene	28.19	276	22965	0.385	ng	94

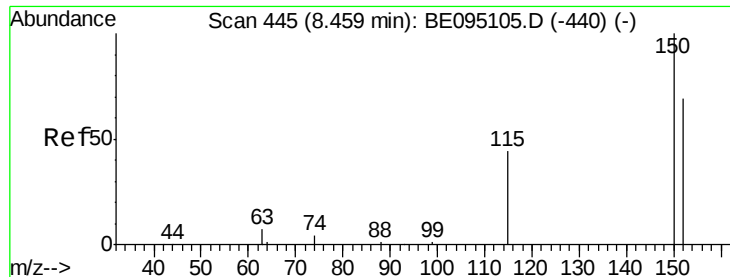
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 8.46 min Scan# 445

Delta R.T. 0.00 min

Lab File: BE095107.D

Acq: 25 Jan 2018 9:22

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

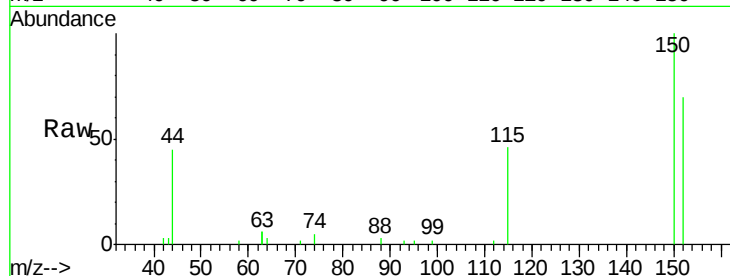
Tgt Ion: 152 Resp: 6893

Ion Ratio Lower Upper

152 100

150 143.3 117.2 175.8

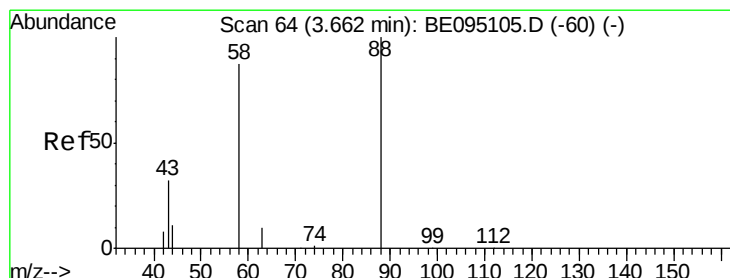
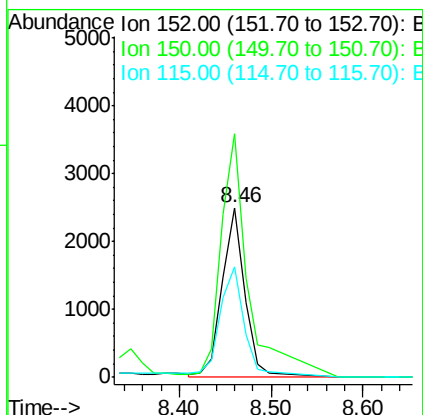
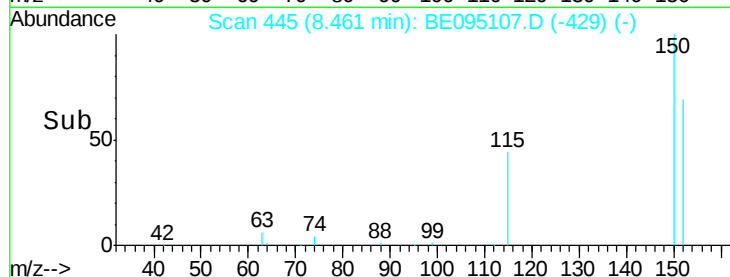
115 65.2 57.0 85.6



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: 0.358 ng

RT: 3.66 min Scan# 64

Delta R.T. 0.00 min

Lab File: BE095107.D

Acq: 25 Jan 2018 9:22

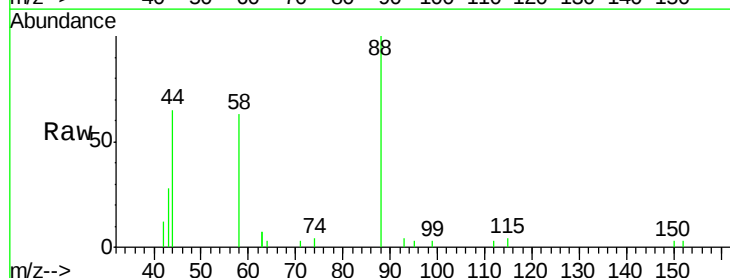
Tgt Ion: 88 Resp: 2426

Ion Ratio Lower Upper

88 100

58 82.4 63.2 94.8

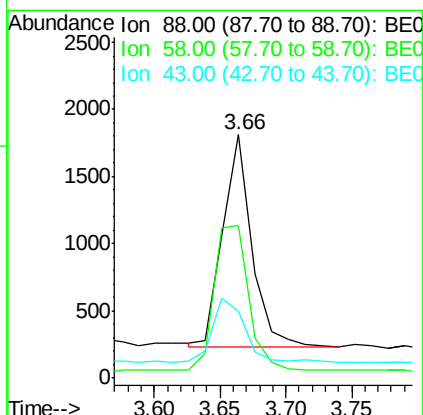
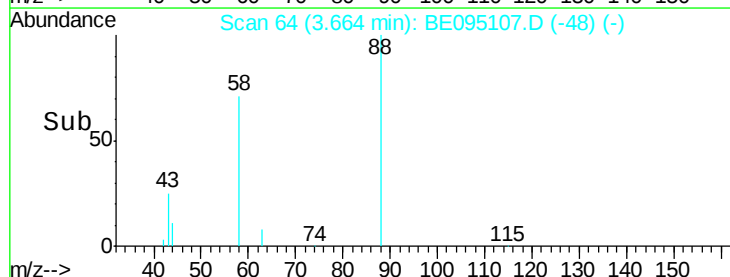
43 33.8 41.2 61.8#

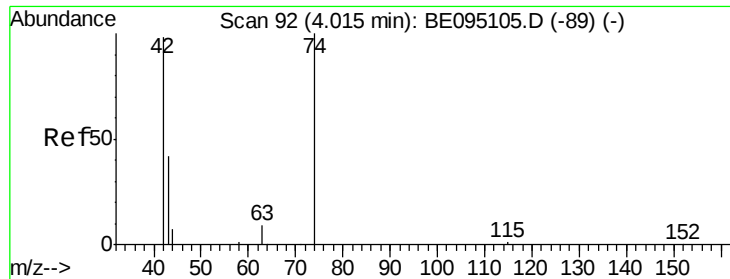


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#3

n-Nitrosodimethylamine

Concen: 0.393 ng

RT: 4.02 min Scan# 92

Delta R.T. 0.00 min

Lab File: BE095107.D

Acq: 25 Jan 2018 9:22

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

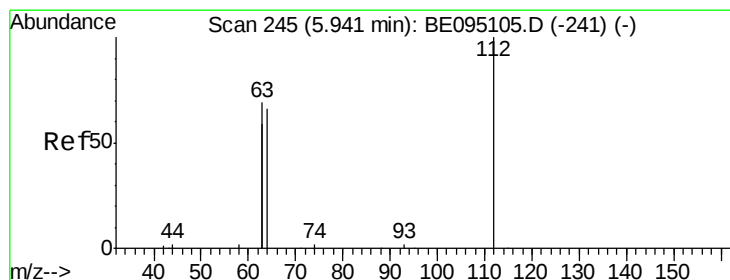
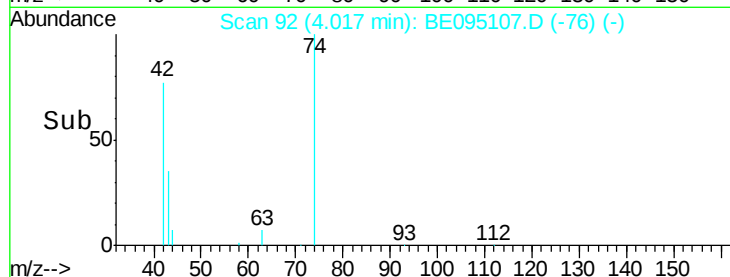
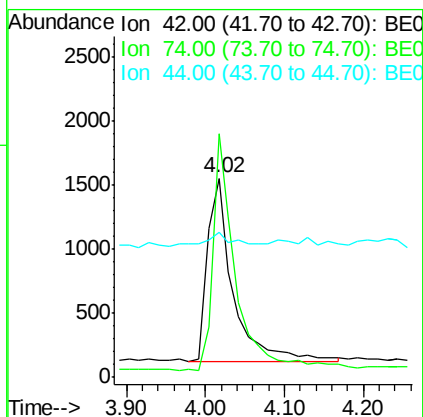
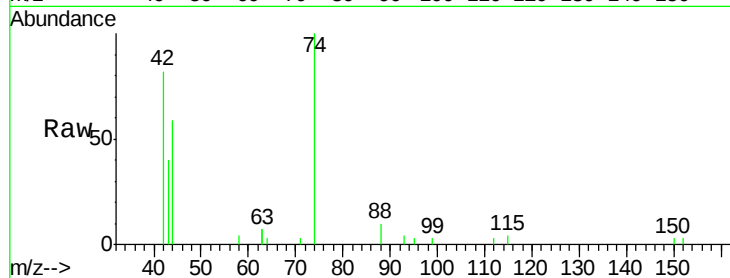
Tgt Ion: 42 Resp: 3177

Ion Ratio Lower Upper

42 100

74 115.8 96.0 144.0

44 7.6 12.0 18.0#



#4

2-Fluorophenol

Concen: 0.397 ng

RT: 5.94 min Scan# 245

Delta R.T. 0.00 min

Lab File: BE095107.D

Acq: 25 Jan 2018 9:22

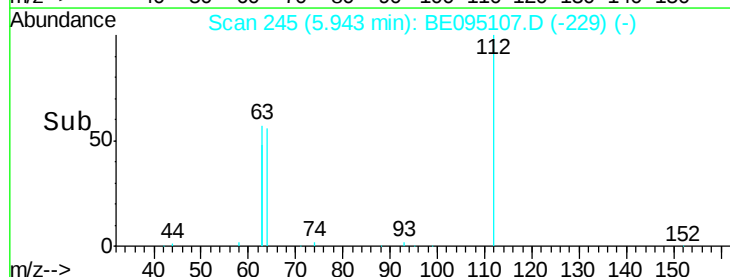
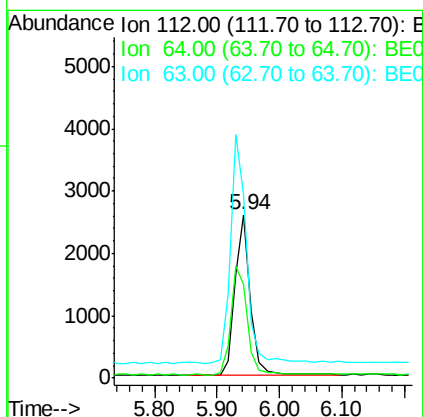
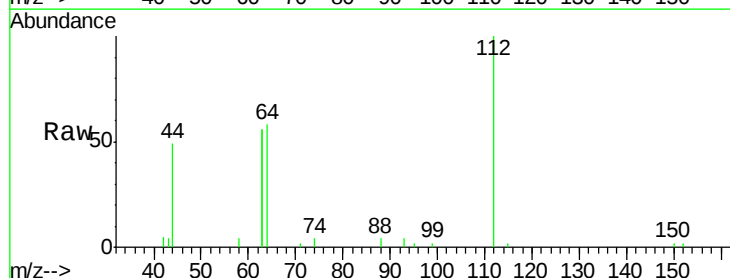
Tgt Ion: 112 Resp: 4432

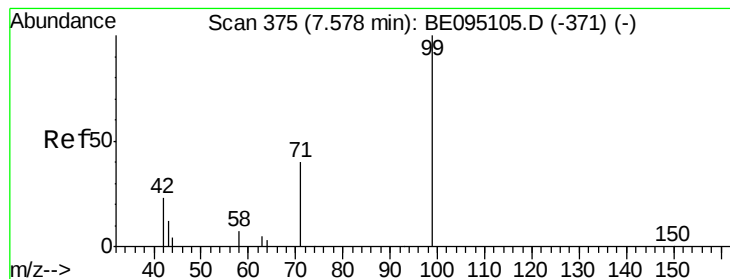
Ion Ratio Lower Upper

112 100

64 72.9 60.1 90.1

63 147.8 116.8 175.2





#5

Phenol-d6

Concen: 0.388 ng

RT: 7.58 min Scan# 375

Delta R.T. 0.00 min

Lab File: BE095107.D

Acq: 25 Jan 2018 9:22

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

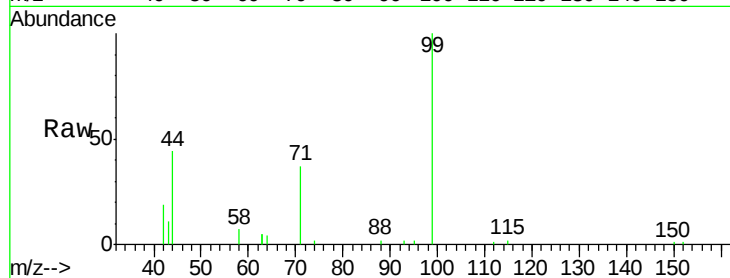
Tgt Ion: 99 Resp: 6562

Ion Ratio Lower Upper

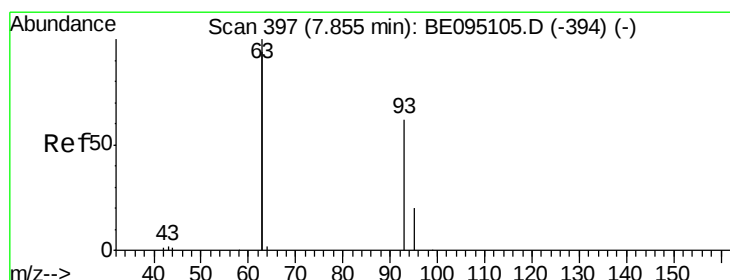
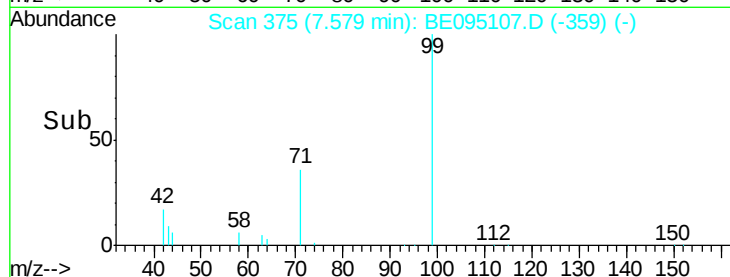
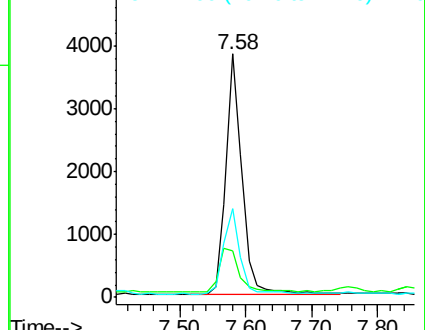
99 100

42 22.3 20.2 30.2

71 36.7 28.4 42.6



Abundance Ion 99.00 (98.70 to 99.70): BE0
Ion 42.00 (41.70 to 42.70): BE0
Ion 71.00 (70.70 to 71.70): BE0



#6

bis(2-Chloroethyl)ether

Concen: 0.401 ng

RT: 7.86 min Scan# 397

Delta R.T. 0.00 min

Lab File: BE095107.D

Acq: 25 Jan 2018 9:22

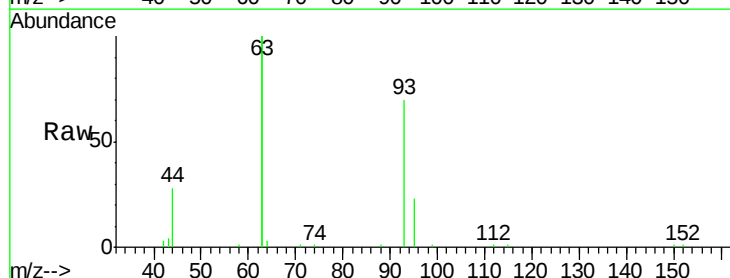
Tgt Ion: 93 Resp: 6325

Ion Ratio Lower Upper

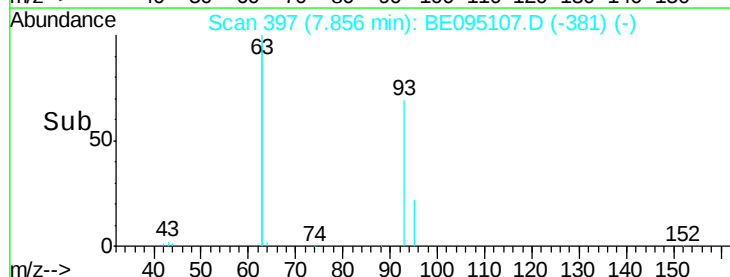
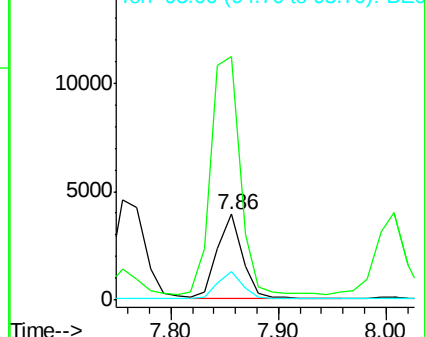
93 100

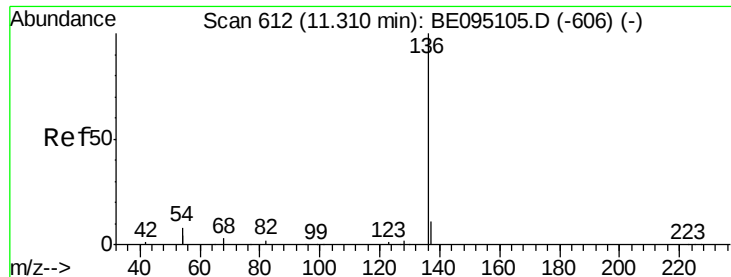
63 324.2 275.3 412.9

95 32.3 25.2 37.8



Abundance Ion 93.00 (92.70 to 93.70): BE0
Ion 63.00 (62.70 to 63.70): BE0
Ion 95.00 (94.70 to 95.70): BE0





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 11.31 min Scan# 612

Delta R.T. -0.00 min

Lab File: BE095107.D

Acq: 25 Jan 2018 9:22

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

Tgt Ion:136 Resp: 16572

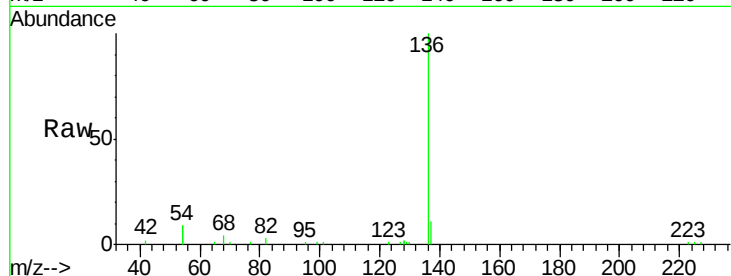
Ion Ratio Lower Upper

136 100

137 10.8 9.5 14.3

54 17.3 29.1 43.7#

68 3.9 6.2 9.2#

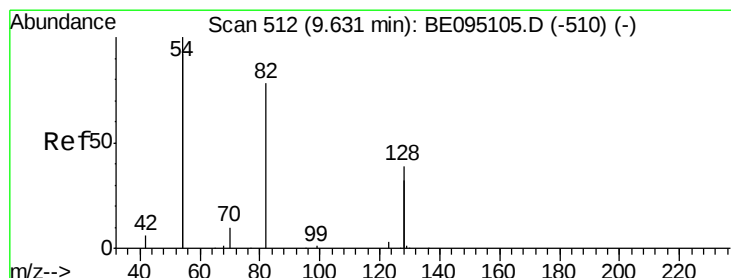
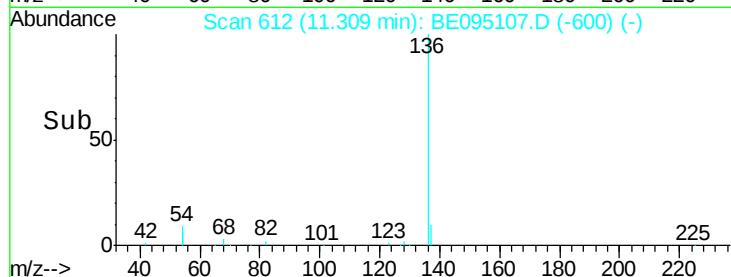
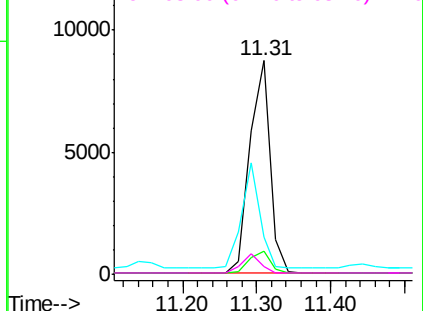


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.384 ng

RT: 9.63 min Scan# 512

Delta R.T. -0.00 min

Lab File: BE095107.D

Acq: 25 Jan 2018 9:22

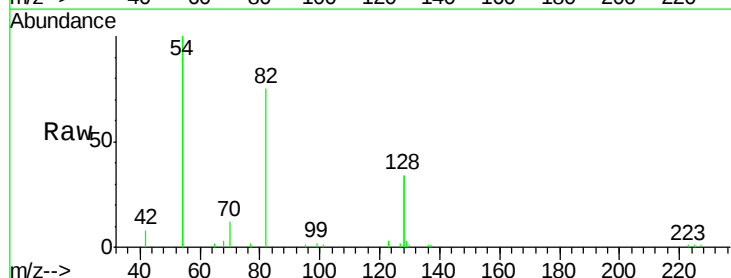
Tgt Ion: 82 Resp: 5791

Ion Ratio Lower Upper

82 100

128 90.8 150.0 225.0#

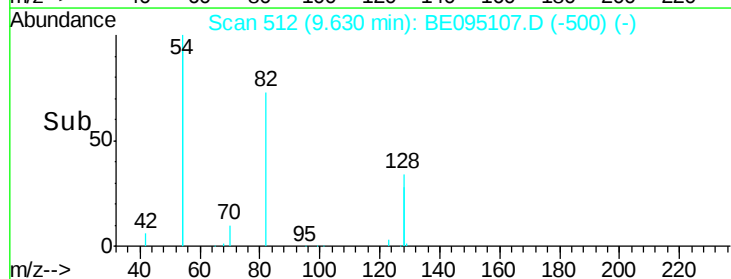
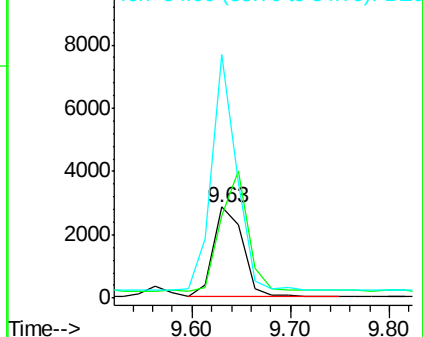
54 268.3 154.2 231.4#

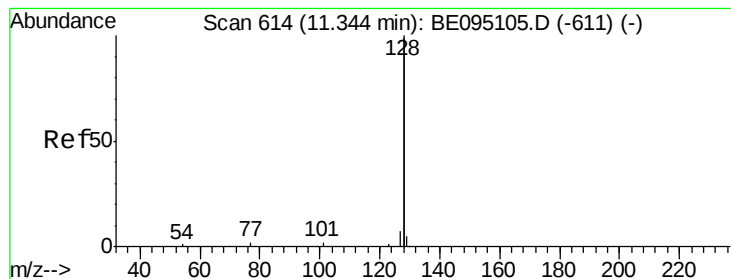


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.400 ng

RT: 11.36 min Scan# 615

Delta R.T. 0.02 min

Lab File: BE095107.D

Acq: 25 Jan 2018 9:22

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

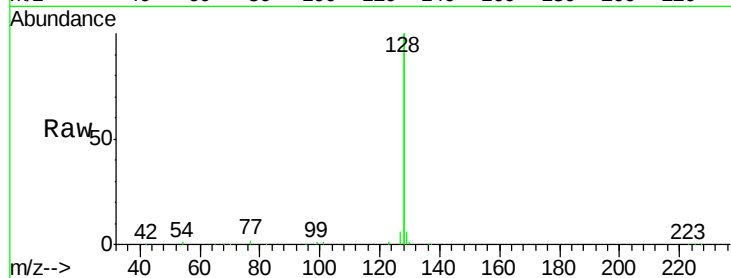
Tgt Ion:128 Resp: 75763

Ion Ratio Lower Upper

128 100

129 2.9 2.6 3.8

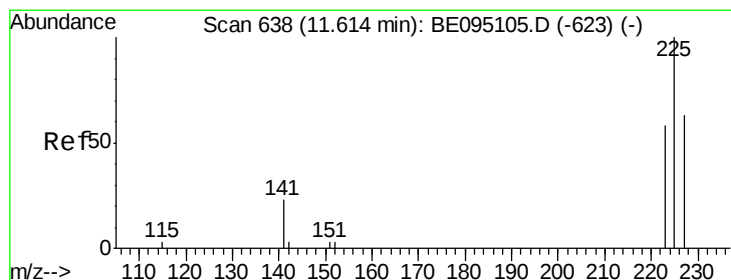
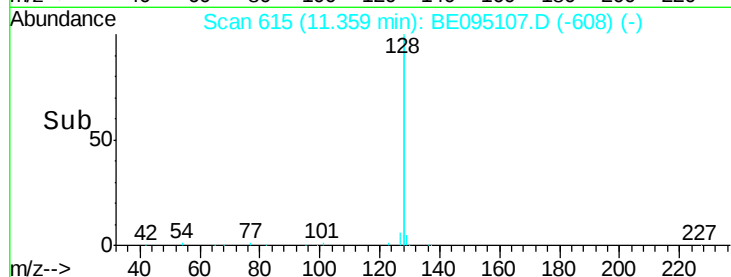
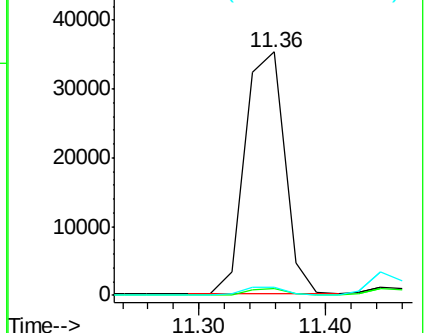
127 3.1 2.8 4.2



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: 0.400 ng

RT: 11.61 min Scan# 638

Delta R.T. 0.00 min

Lab File: BE095107.D

Acq: 25 Jan 2018 9:22

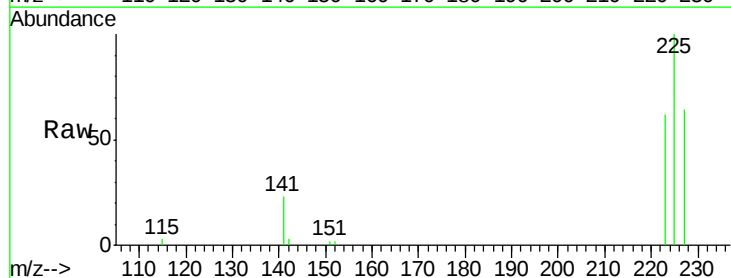
Tgt Ion:225 Resp: 3404

Ion Ratio Lower Upper

225 100

223 63.2 53.0 79.6

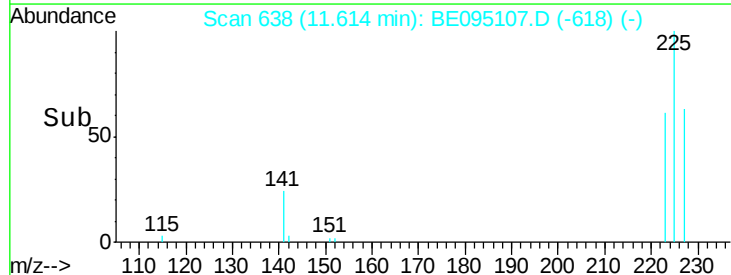
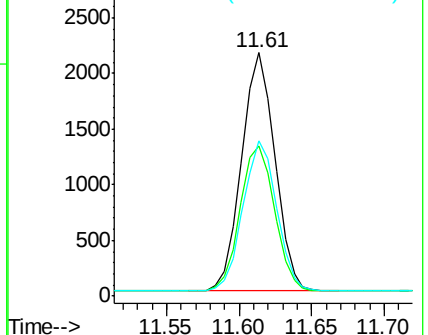
227 63.3 51.4 77.2

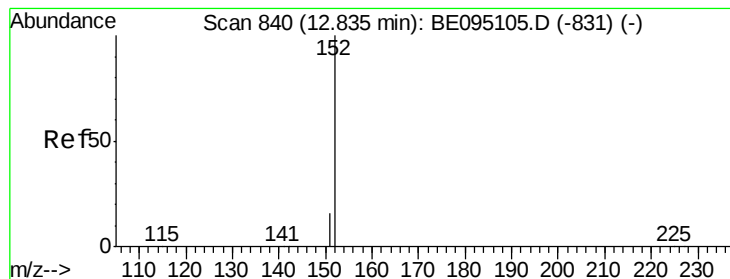


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.396 ng

RT: 12.84 min Scan# 841

Delta R.T. 0.00 min

Lab File: BE095107.D

Acq: 25 Jan 2018 9:22

Instrument :

BNA_E

ClientSampleId :

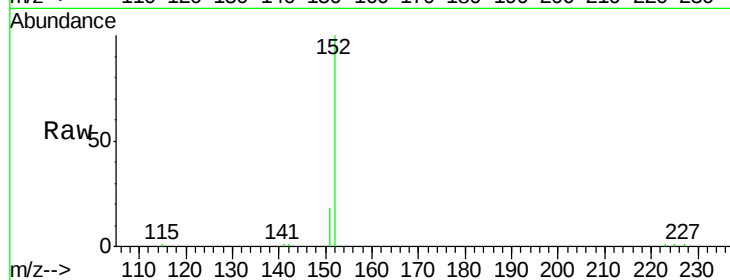
SSTDCCC0.4

Tgt Ion:152 Resp: 10901

Ion Ratio Lower Upper

152 100

151 19.3 15.4 23.0



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

12.84

8000

6000

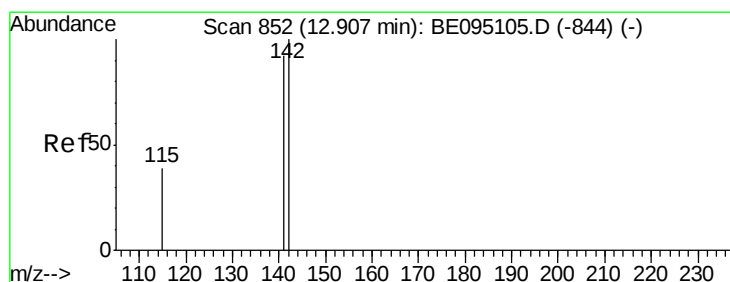
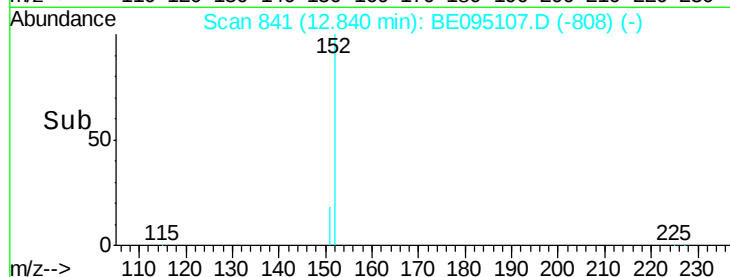
4000

2000

0

Time-->

12.80 12.90



#12

2-Methylnaphthalene

Concen: 0.394 ng

RT: 12.91 min Scan# 852

Delta R.T. 0.00 min

Lab File: BE095107.D

Acq: 25 Jan 2018 9:22

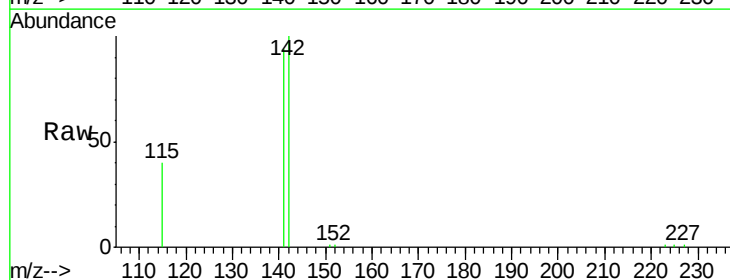
Tgt Ion:142 Resp: 12813

Ion Ratio Lower Upper

142 100

141 94.1 70.4 105.6

115 39.7 31.7 47.5



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

12.91

10000

8000

6000

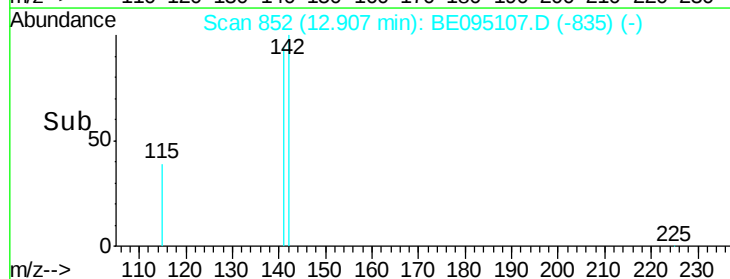
4000

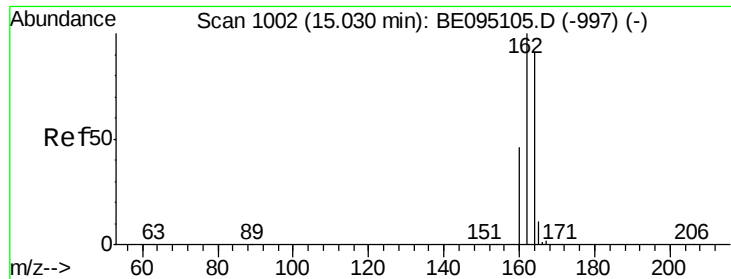
2000

0

Time-->

12.85 12.90 12.95 13.00





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 15.03 min Scan# 1002

Delta R.T. 0.00 min

Lab File: BE095107.D

Acq: 25 Jan 2018 9:22

Instrument :

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ClientSampleId :

SSTDCCC0.4

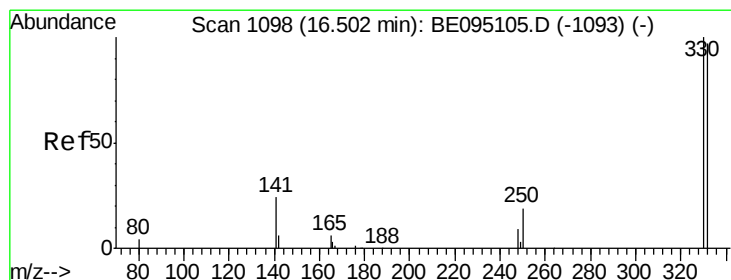
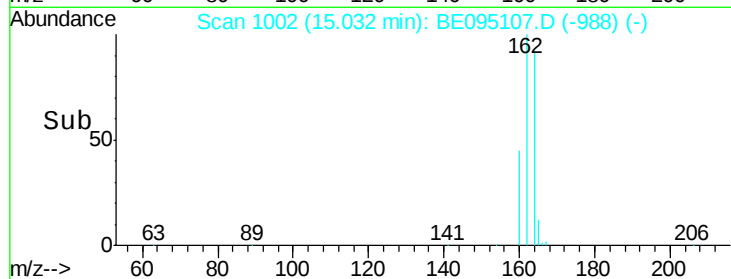
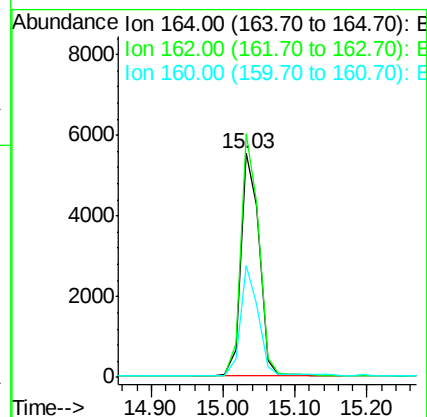
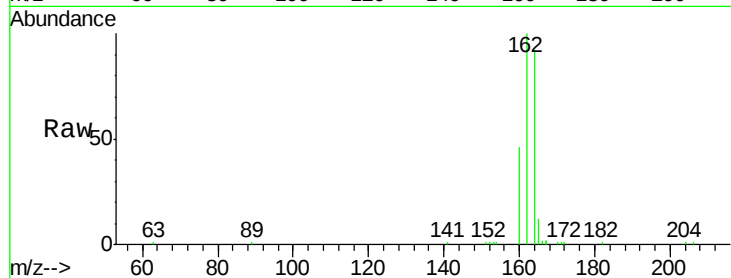
Tgt Ion:164 Resp: 9619

Ion Ratio Lower Upper

164 100

162 108.8 83.1 124.7

160 49.8 37.1 55.7



#14

2,4,6-Tribromophenol

Concen: 0.397 ng

RT: 16.50 min Scan# 1098

Delta R.T. 0.00 min

Lab File: BE095107.D

Acq: 25 Jan 2018 9:22

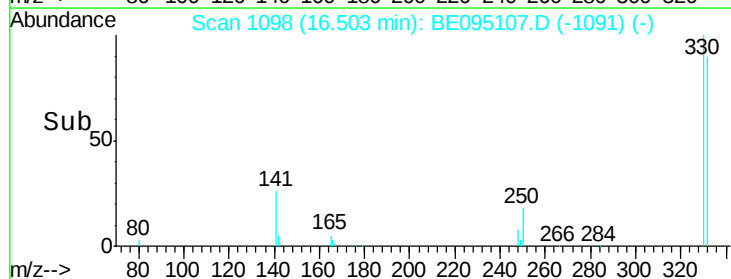
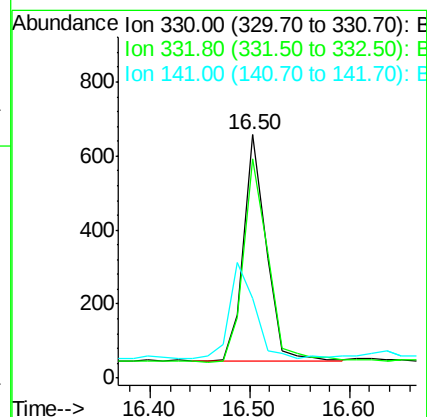
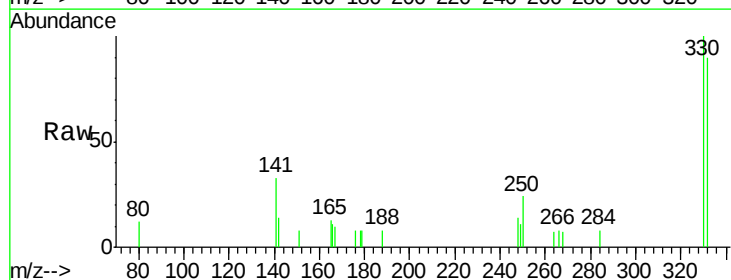
Tgt Ion:330 Resp: 981

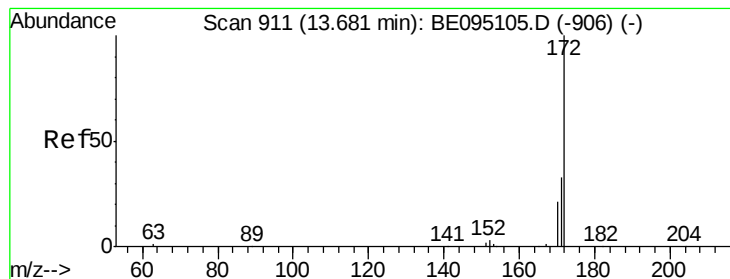
Ion Ratio Lower Upper

330 100

332 97.3 152.7 229.1#

141 46.6 33.7 50.5





#15

2-Fluorobiphenyl

Concen: 0.398 ng

RT: 13.68 min Scan# 911

Delta R.T. 0.00 min

Lab File: BE095107.D

Acq: 25 Jan 2018 9:22

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

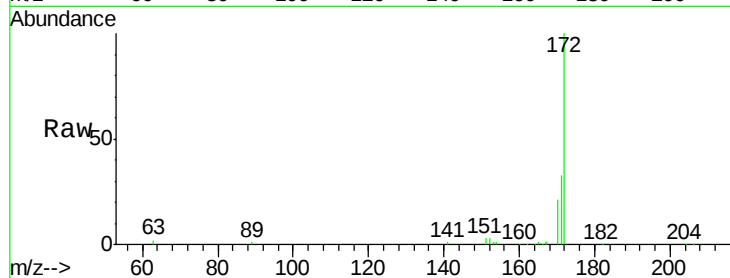
Tgt Ion:172 Resp: 16825

Ion Ratio Lower Upper

172 100

171 33.4 29.9 44.9

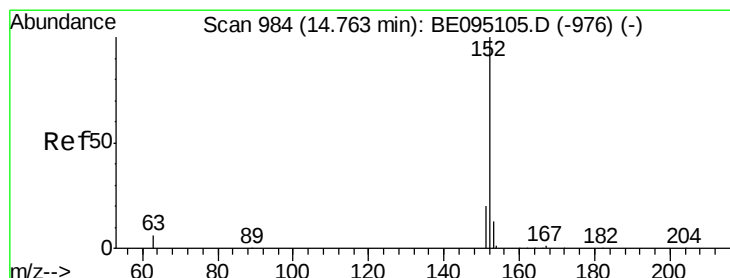
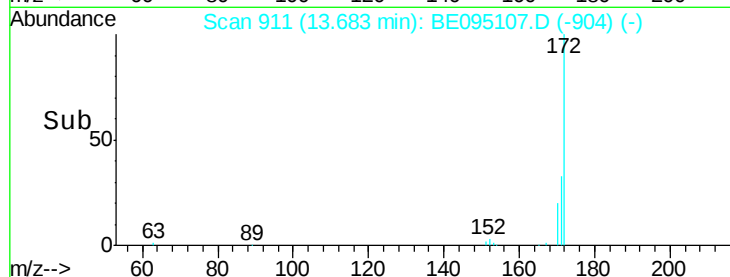
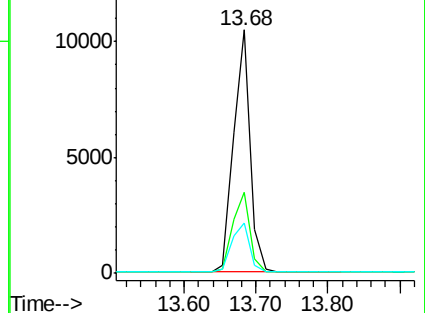
170 20.5 21.8 32.8#



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



#16

Acenaphthylene

Concen: 0.387 ng

RT: 14.77 min Scan# 984

Delta R.T. 0.00 min

Lab File: BE095107.D

Acq: 25 Jan 2018 9:22

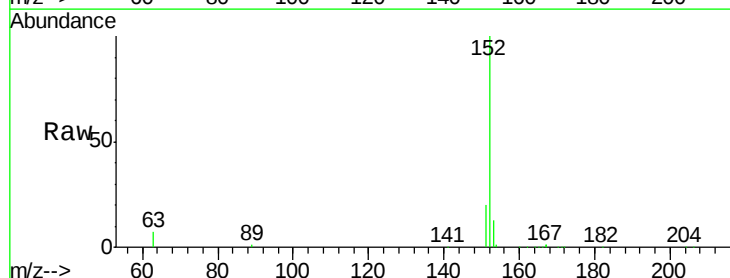
Tgt Ion:152 Resp: 19946

Ion Ratio Lower Upper

152 100

151 19.6 15.7 23.5

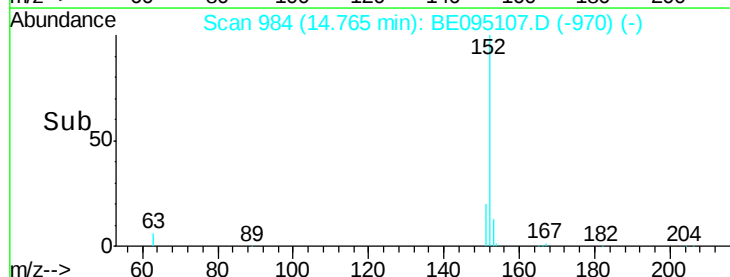
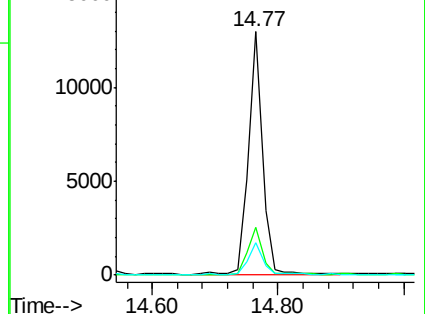
153 12.8 10.5 15.7

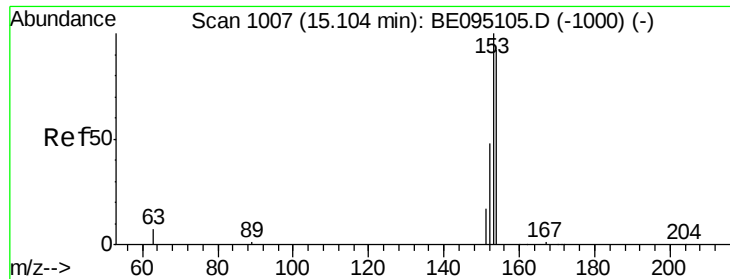


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#17

Acenaphthene

Concen: 0.396 ng

RT: 15.11 min Scan# 1007

Delta R.T. 0.00 min

Lab File: BE095107.D

Acq: 25 Jan 2018 9:22

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

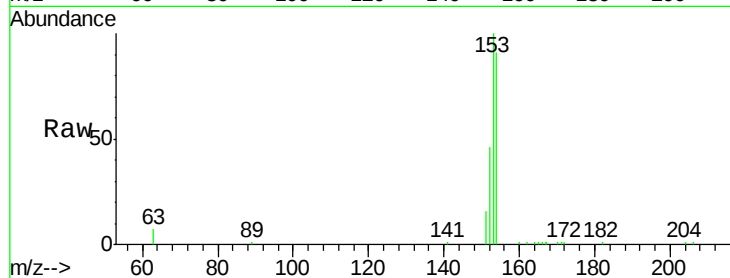
Tgt Ion:154 Resp: 13273

Ion Ratio Lower Upper

154 100

153 116.2 89.2 133.8

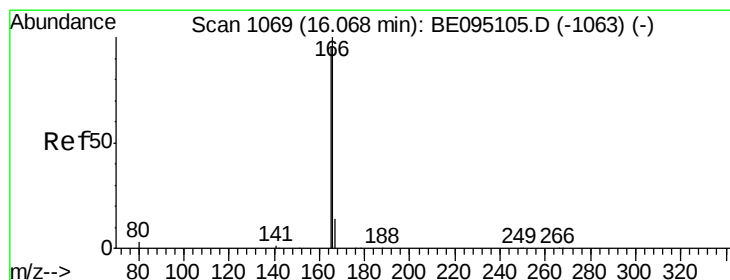
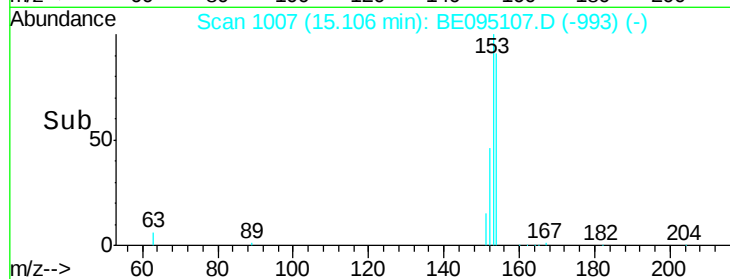
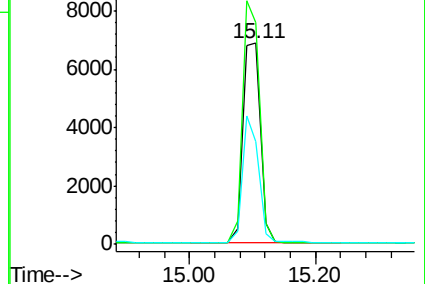
152 58.2 42.0 63.0



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#18

Fluorene

Concen: 0.387 ng

RT: 16.07 min Scan# 1069

Delta R.T. 0.00 min

Lab File: BE095107.D

Acq: 25 Jan 2018 9:22

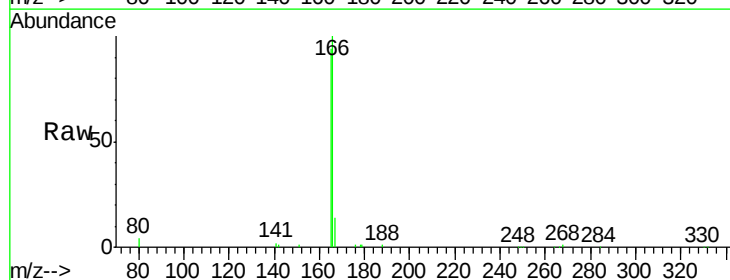
Tgt Ion:166 Resp: 16188

Ion Ratio Lower Upper

166 100

165 99.3 77.8 116.6

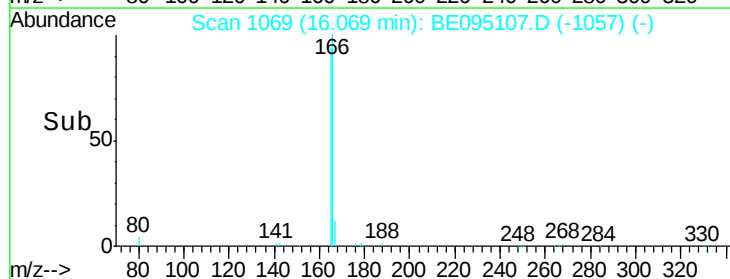
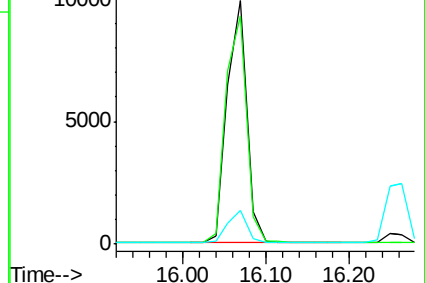
167 13.3 42.4 63.6#

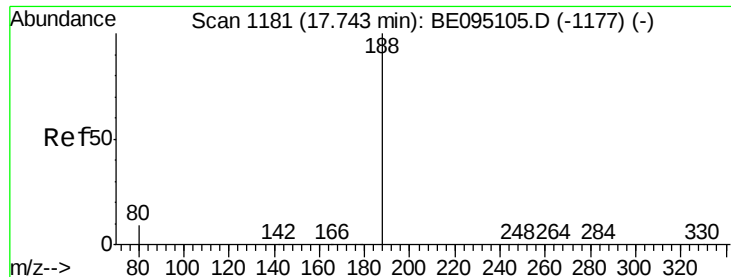


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.74 min Scan# 1181

Delta R.T. 0.00 min

Lab File: BE095107.D

Acq: 25 Jan 2018 9:22

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

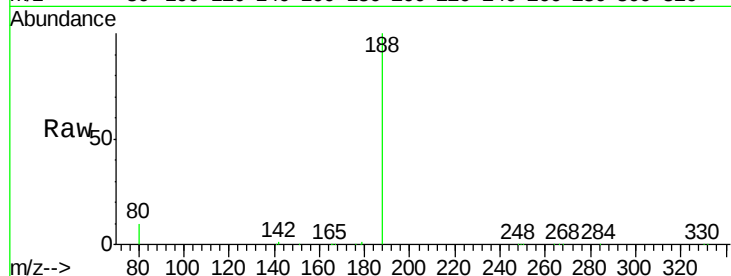
Tgt Ion:188 Resp: 22454

Ion Ratio Lower Upper

188 100

94 0.0 3.9 5.9#

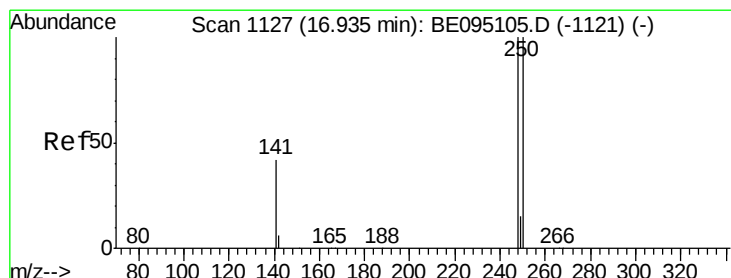
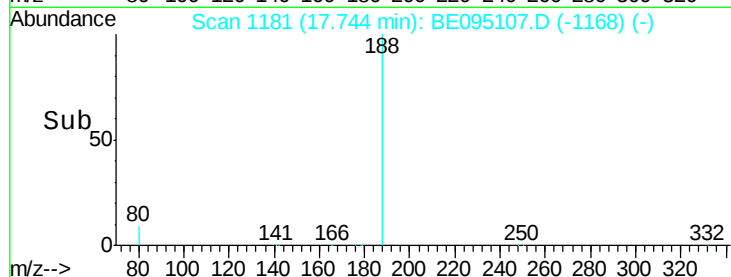
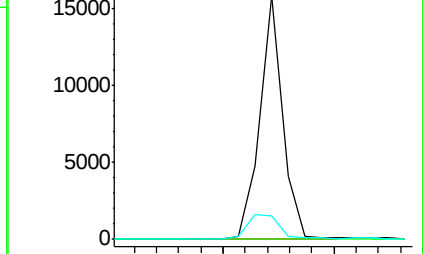
80 9.6 3.6 5.4#



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: 0.386 ng

RT: 16.94 min Scan# 1127

Delta R.T. 0.00 min

Lab File: BE095107.D

Acq: 25 Jan 2018 9:22

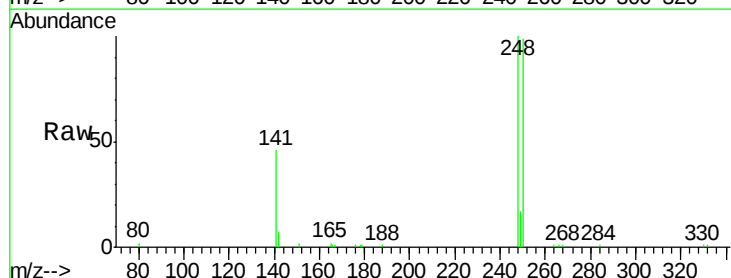
Tgt Ion:248 Resp: 5104

Ion Ratio Lower Upper

248 100

250 99.4 62.7 94.1#

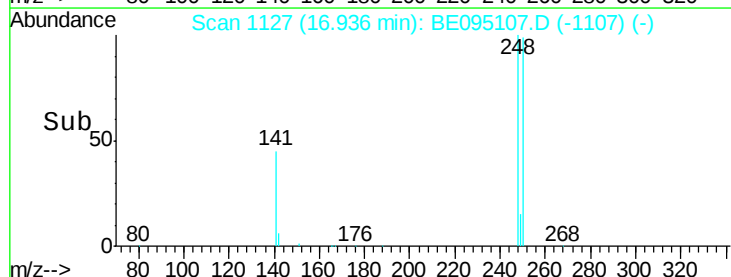
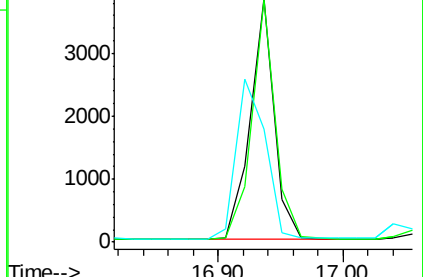
141 46.2 48.2 72.2#

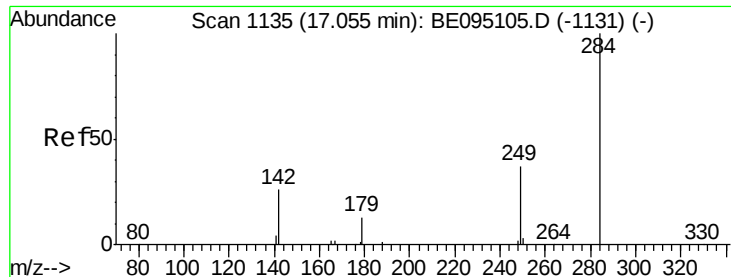


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.396 ng

RT: 17.06 min Scan# 1135

Delta R.T. 0.00 min

Lab File: BE095107.D

Acq: 25 Jan 2018 9:22

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

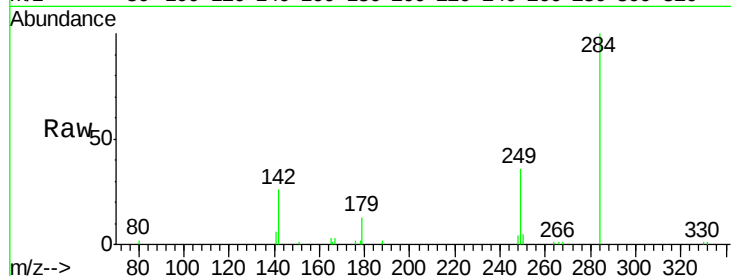
Tgt Ion:284 Resp: 5247

Ion Ratio Lower Upper

284 100

142 39.4 22.1 33.1#

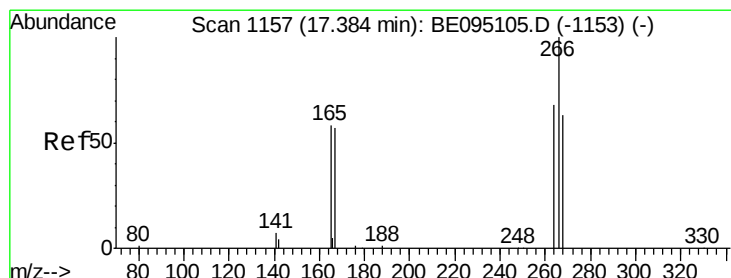
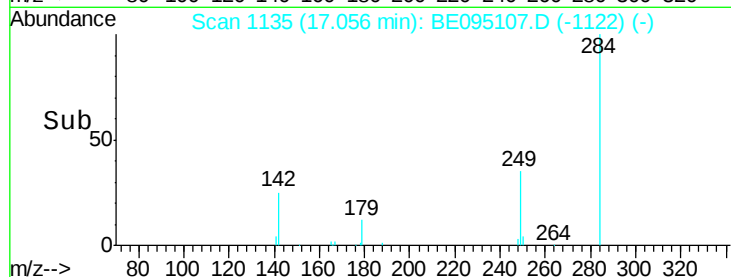
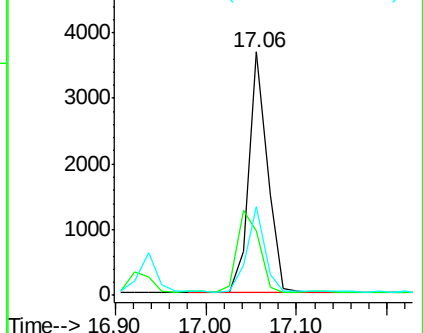
249 34.3 34.8 52.2#



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#22

Pentachlorophenol

Concen: 0.526 ng

RT: 17.38 min Scan# 1157

Delta R.T. 0.00 min

Lab File: BE095107.D

Acq: 25 Jan 2018 9:22

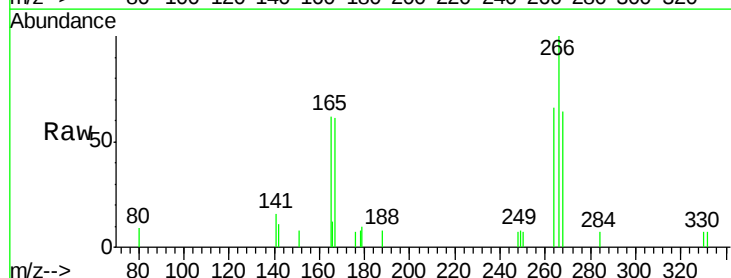
Tgt Ion:266 Resp: 1438

Ion Ratio Lower Upper

266 100

264 66.3 72.5 108.7#

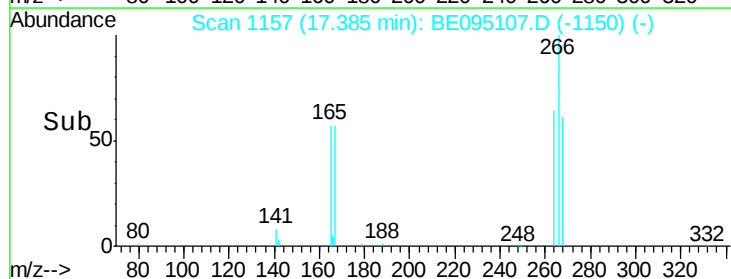
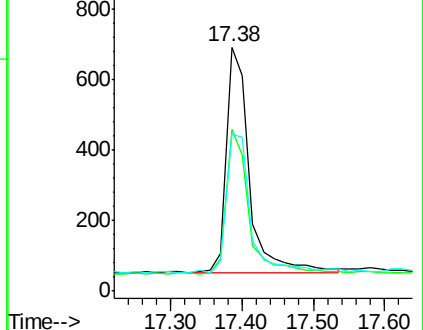
268 64.3 73.8 110.6#

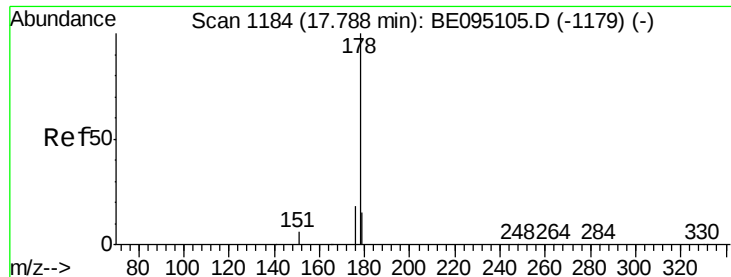


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.391 ng

RT: 17.79 min Scan# 1184

Delta R.T. 0.00 min

Lab File: BE095107.D

Acq: 25 Jan 2018 9:22

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

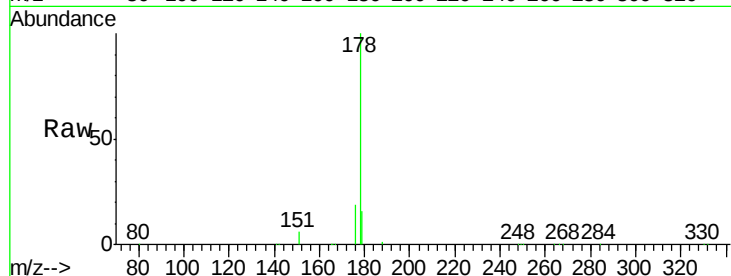
Tgt Ion:178 Resp: 27120

Ion Ratio Lower Upper

178 100

176 19.7 15.1 22.7

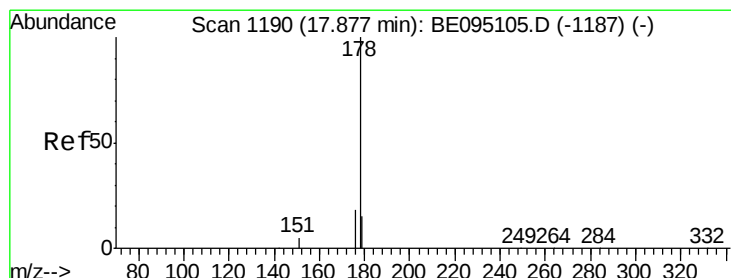
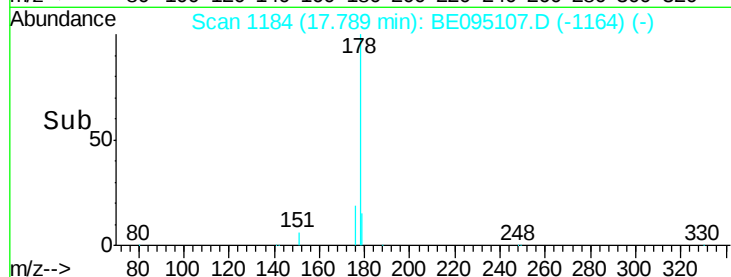
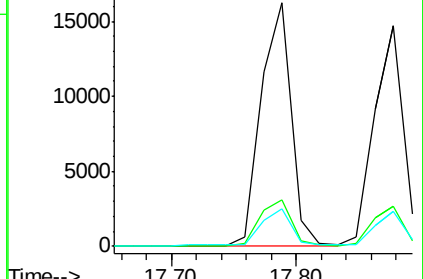
179 15.4 11.8 17.6



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: 0.387 ng

RT: 17.88 min Scan# 1190

Delta R.T. 0.00 min

Lab File: BE095107.D

Acq: 25 Jan 2018 9:22

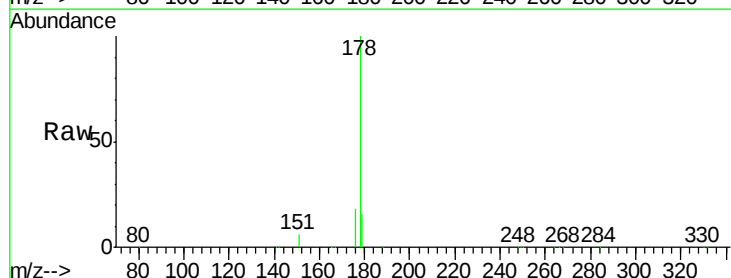
Tgt Ion:178 Resp: 23947

Ion Ratio Lower Upper

178 100

176 18.5 12.8 19.2

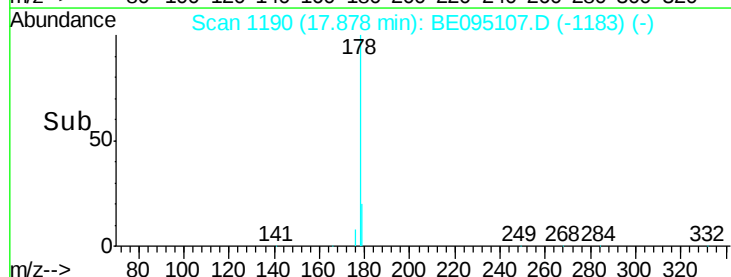
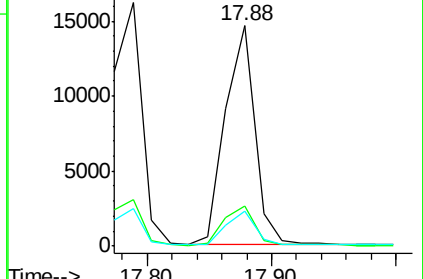
179 14.9 13.0 19.6

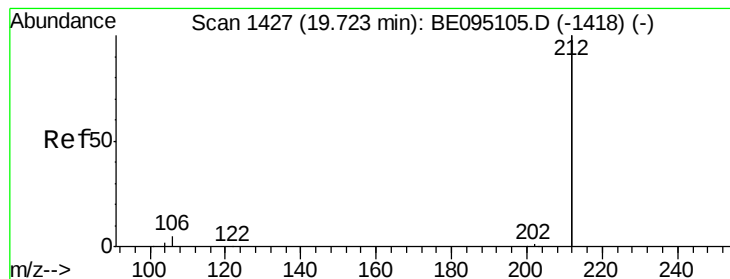


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.394 ng

RT: 19.72 min Scan# 1427

Delta R.T. 0.01 min

Lab File: BE095107.D

Acq: 25 Jan 2018 9:22

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

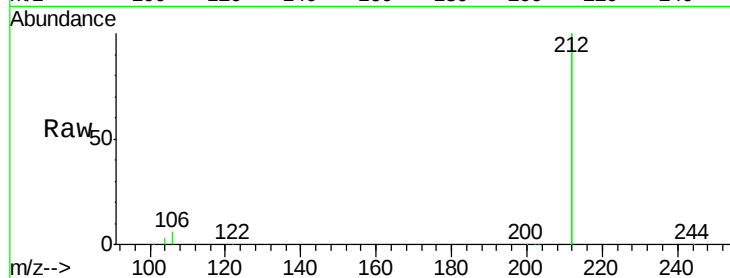
Tgt Ion:212 Resp: 111232

Ion Ratio Lower Upper

212 100

106 3.1 2.8 4.2

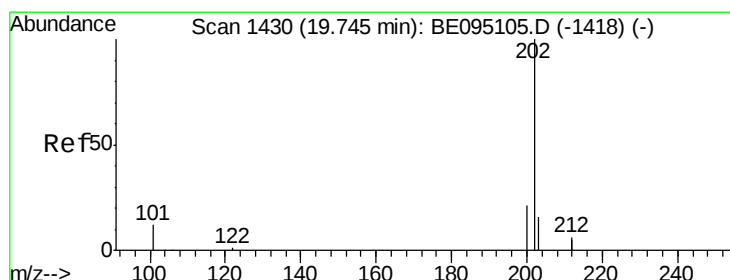
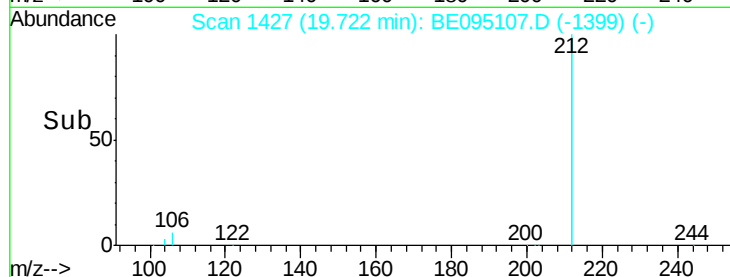
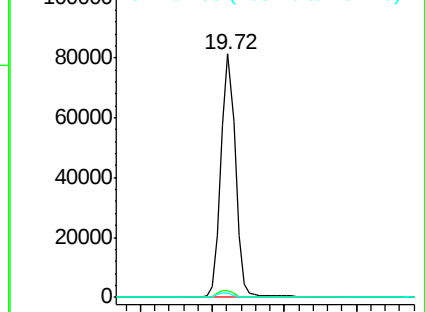
104 1.8 1.6 2.4



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: 0.397 ng

RT: 19.75 min Scan# 1431

Delta R.T. 0.01 min

Lab File: BE095107.D

Acq: 25 Jan 2018 9:22

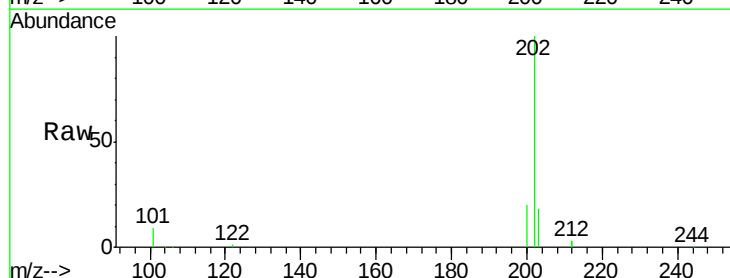
Tgt Ion:202 Resp: 33106

Ion Ratio Lower Upper

202 100

101 11.0 9.8 14.8

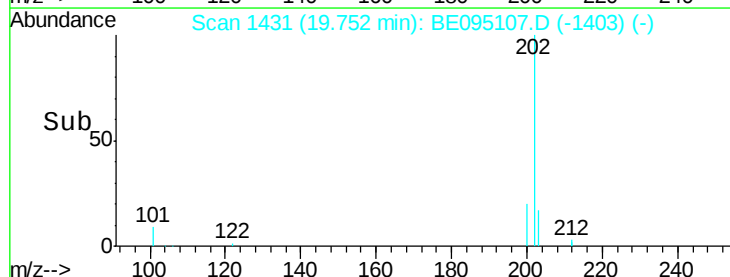
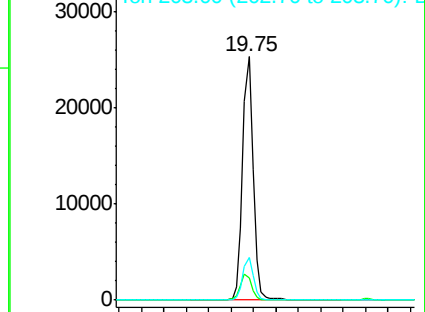
203 17.1 13.7 20.5

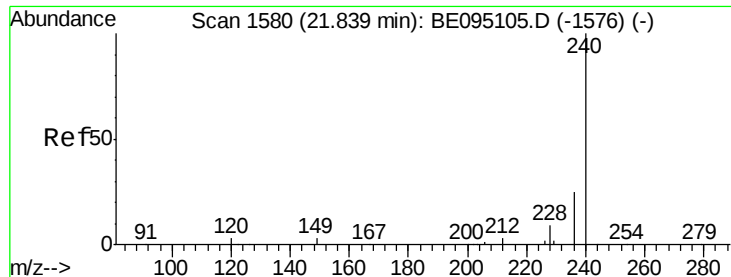


Abundance Ion 202.00 (201.70 to 202.70): E

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: 21.84 min Scan# 1580

Delta R.T. 0.00 min

Lab File: BE095107.D

Acq: 25 Jan 2018 9:22

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

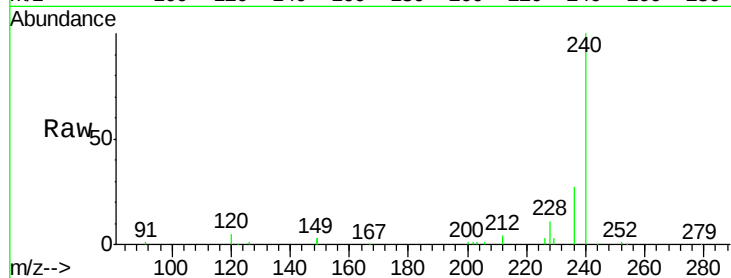
Tgt Ion:240 Resp: 23367

Ion Ratio Lower Upper

240 100

120 4.6 5.5 8.3#

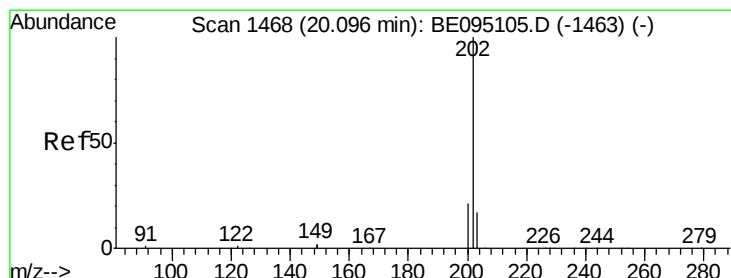
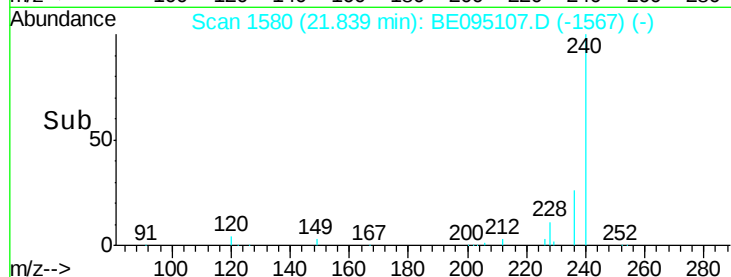
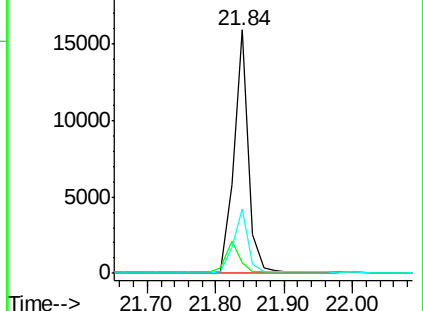
236 26.6 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#28

Pyrene

Concen: 0.384 ng

RT: 20.10 min Scan# 1468

Delta R.T. 0.00 min

Lab File: BE095107.D

Acq: 25 Jan 2018 9:22

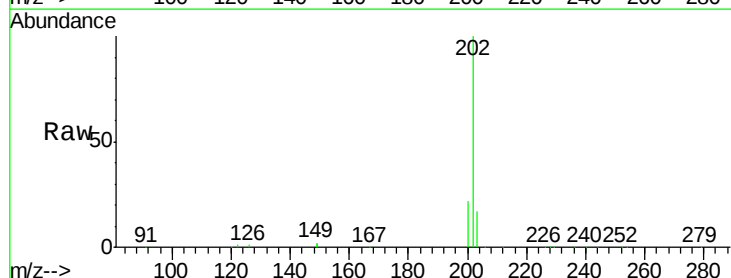
Tgt Ion:202 Resp: 37961

Ion Ratio Lower Upper

202 100

200 21.1 16.6 25.0

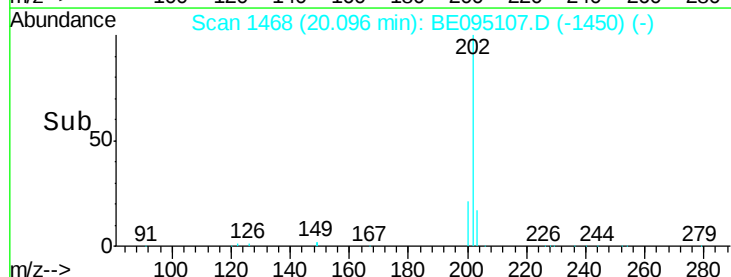
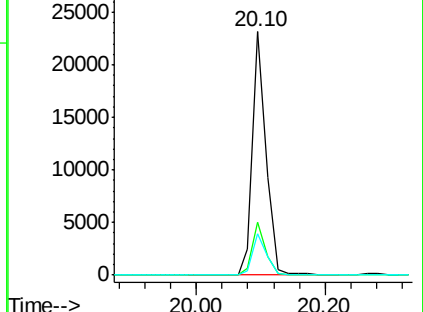
203 17.7 13.8 20.8

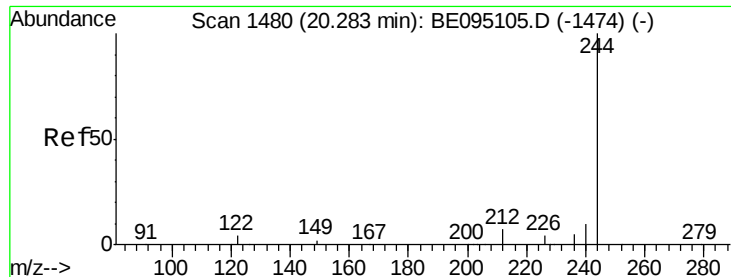


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.392 ng

RT: 20.28 min Scan# 1480

Delta R.T. 0.00 min

Lab File: BE095107.D

Acq: 25 Jan 2018 9:22

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

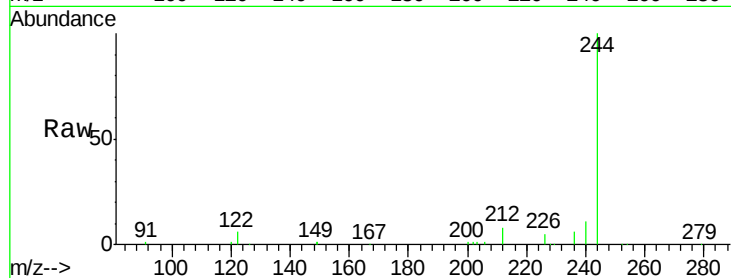
Tgt Ion:244 Resp: 18734

Ion Ratio Lower Upper

244 100

212 8.3 25.4 38.0#

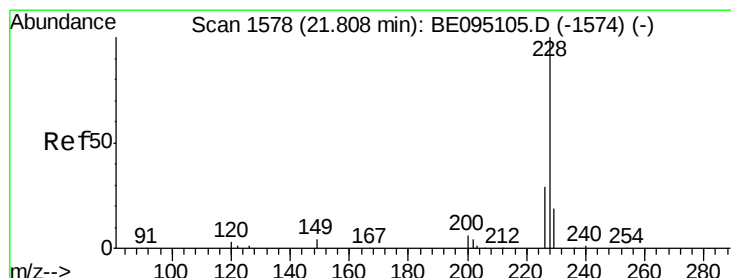
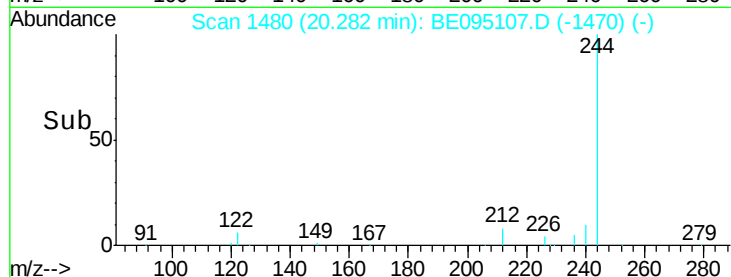
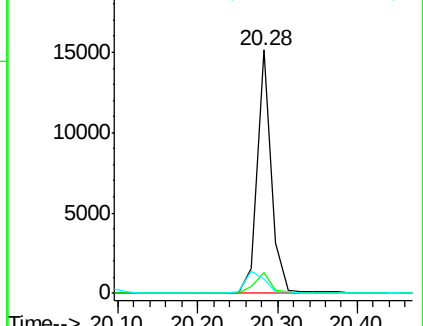
122 6.1 8.1 12.1#



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: 0.381 ng

RT: 21.82 min Scan# 1579

Delta R.T. 0.00 min

Lab File: BE095107.D

Acq: 25 Jan 2018 9:22

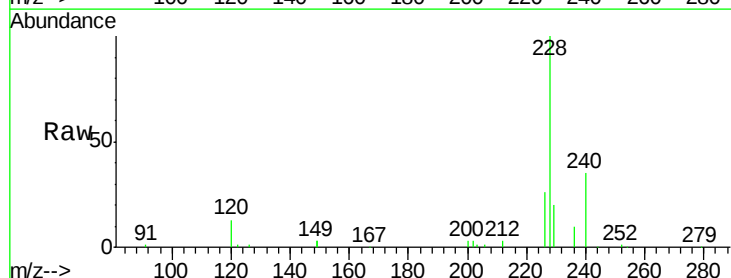
Tgt Ion:228 Resp: 27842

Ion Ratio Lower Upper

228 100

226 26.0 24.0 36.0

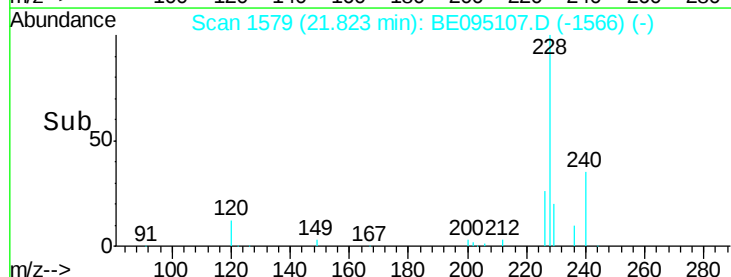
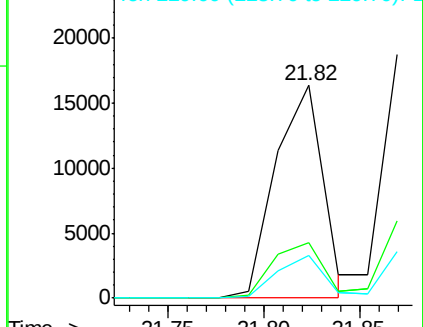
229 20.4 16.0 24.0

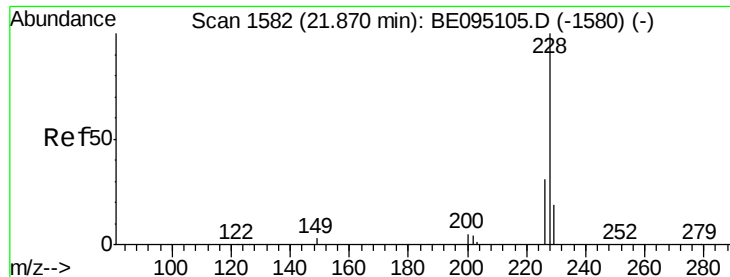


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.397 ng

RT: 21.87 min Scan# 1582

Delta R.T. 0.00 min

Lab File: BE095107.D

Acq: 25 Jan 2018 9:22

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

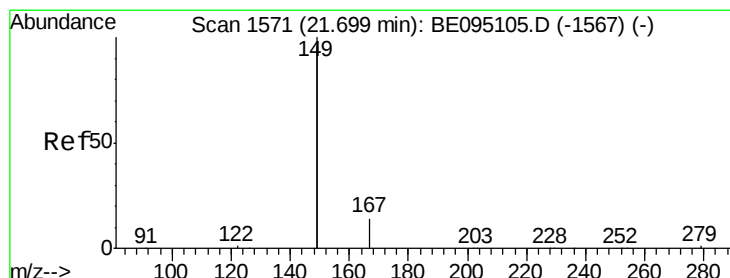
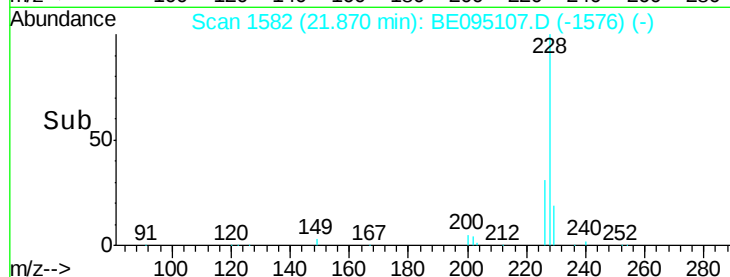
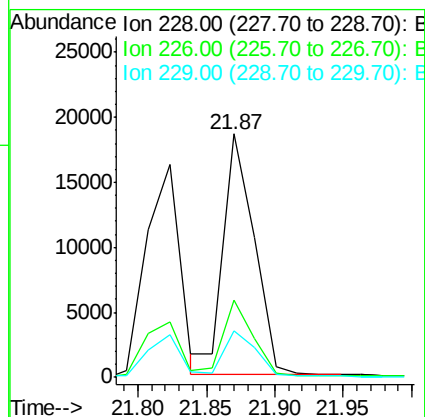
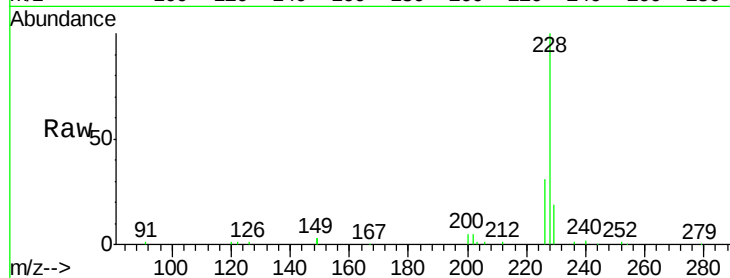
Tgt Ion:228 Resp: 29318

Ion Ratio Lower Upper

228 100

226 31.5 24.0 36.0

229 19.0 16.0 24.0



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.408 ng

RT: 21.70 min Scan# 1571

Delta R.T. 0.00 min

Lab File: BE095107.D

Acq: 25 Jan 2018 9:22

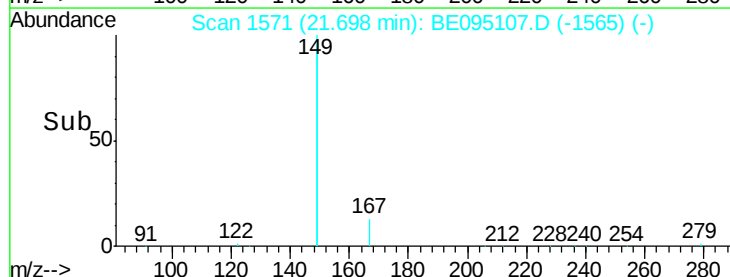
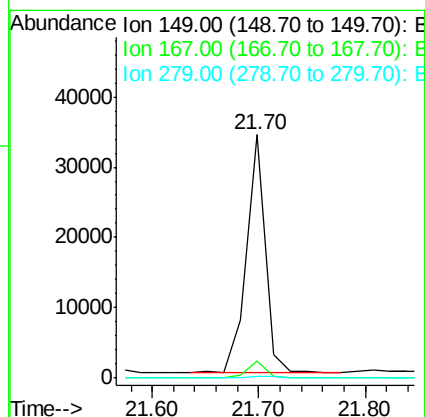
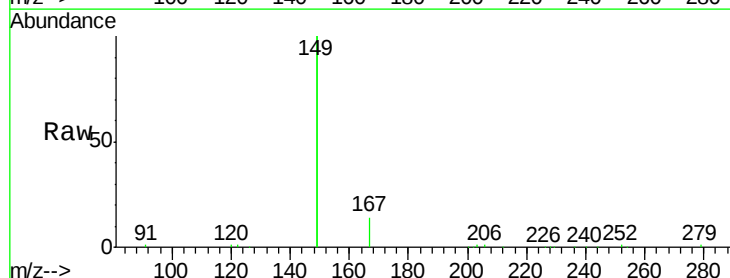
Tgt Ion:149 Resp: 41432

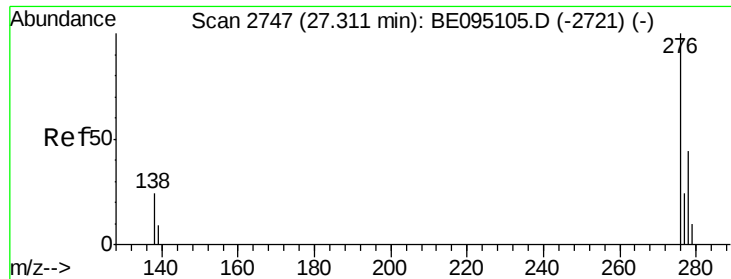
Ion Ratio Lower Upper

149 100

167 6.7 5.4 8.0

279 0.9 0.7 1.1





#33

Indeno(1,2,3-cd)pyrene

Concen: 0.399 ng

RT: 27.32 min Scan# 2748

Delta R.T. -0.00 min

Lab File: BE095107.D

Acq: 25 Jan 2018 9:22

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

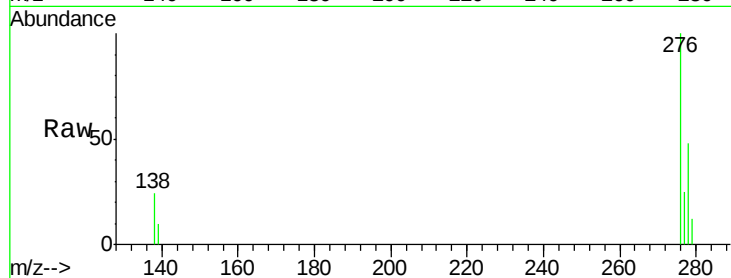
Tgt Ion:276 Resp: 26787

Ion Ratio Lower Upper

276 100

138 25.9 22.5 33.7

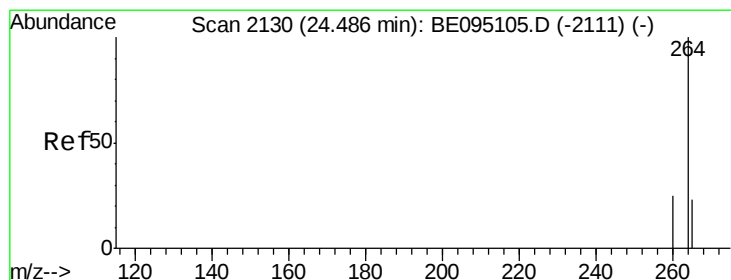
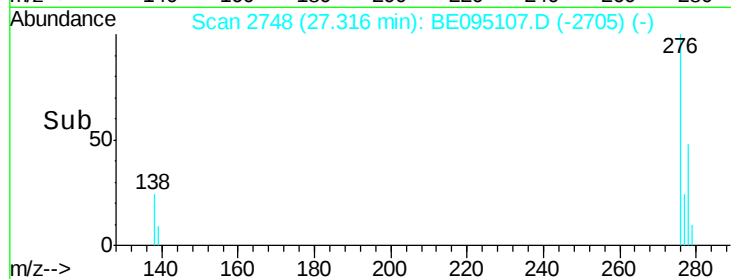
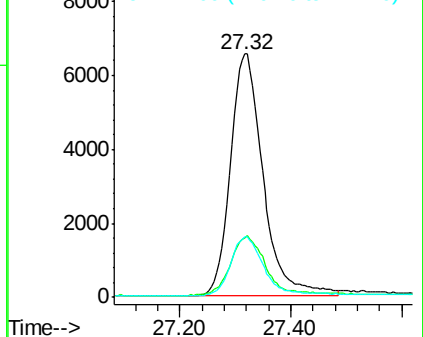
277 23.7 19.9 29.9



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#34

Perylene-d12

Concen: 0.400 ng

RT: 24.48 min Scan# 2130

Delta R.T. -0.00 min

Lab File: BE095107.D

Acq: 25 Jan 2018 9:22

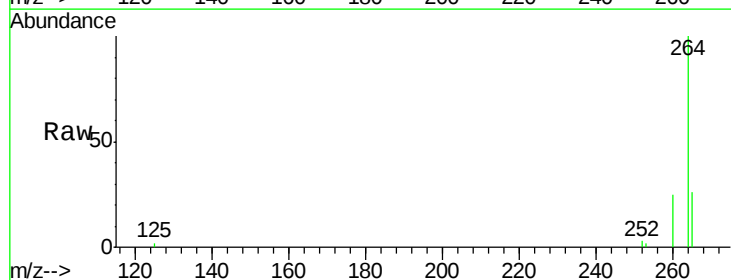
Tgt Ion:264 Resp: 20106

Ion Ratio Lower Upper

264 100

260 25.1 20.5 30.7

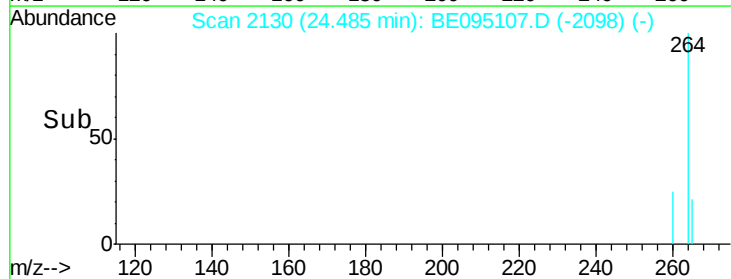
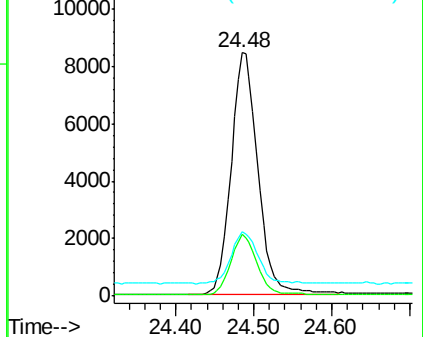
265 26.4 22.8 34.2

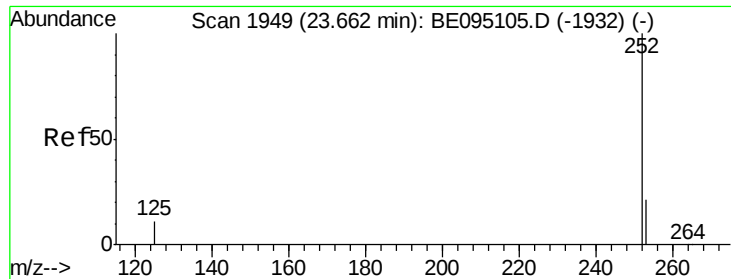


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#35

Benzo(b)fluoranthene

Concen: 0.397 ng

RT: 23.67 min Scan# 1950

Delta R.T. 0.00 min

Lab File: BE095107.D

Acq: 25 Jan 2018 9:22

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

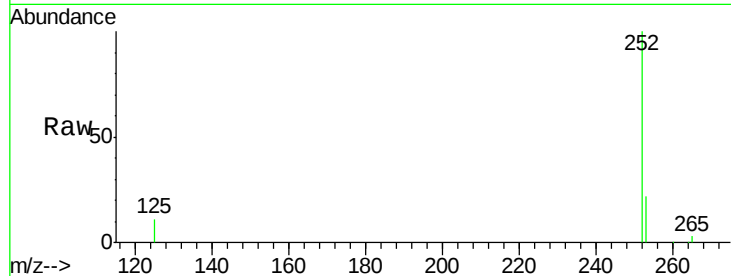
Tgt Ion:252 Resp: 28280

Ion Ratio Lower Upper

252 100

253 22.5 20.0 30.0

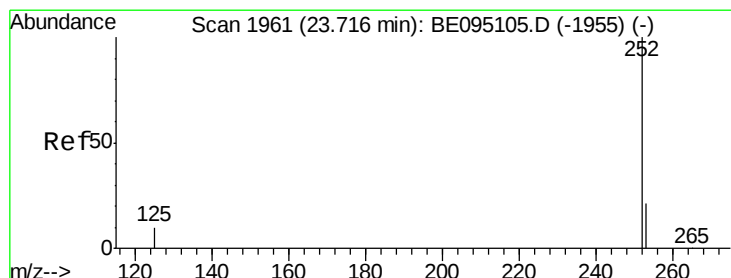
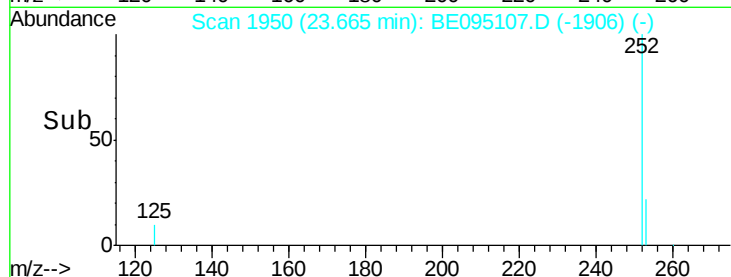
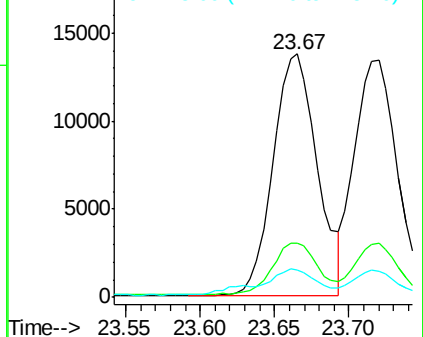
125 11.3 16.0 24.0#



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: 0.371 ng

RT: 23.72 min Scan# 1962

Delta R.T. 0.00 min

Lab File: BE095107.D

Acq: 25 Jan 2018 9:22

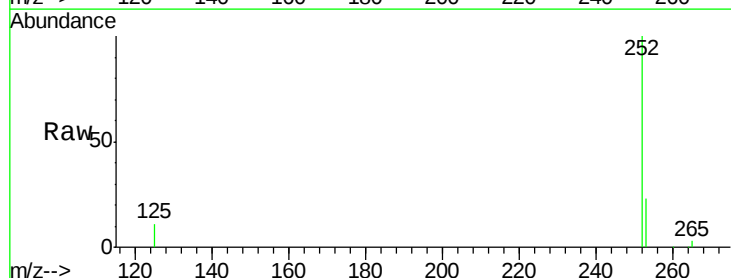
Tgt Ion:252 Resp: 27076

Ion Ratio Lower Upper

252 100

253 22.6 16.0 24.0

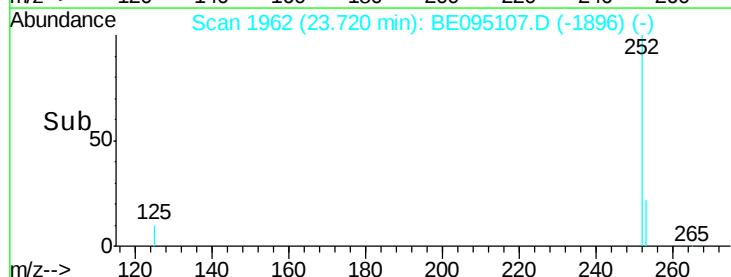
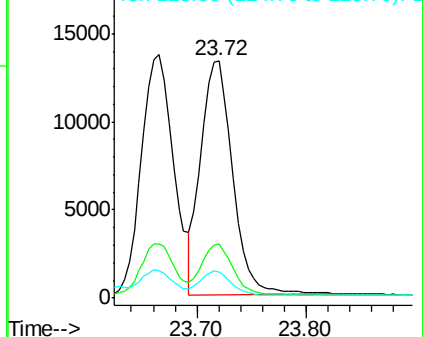
125 11.1 8.0 12.0

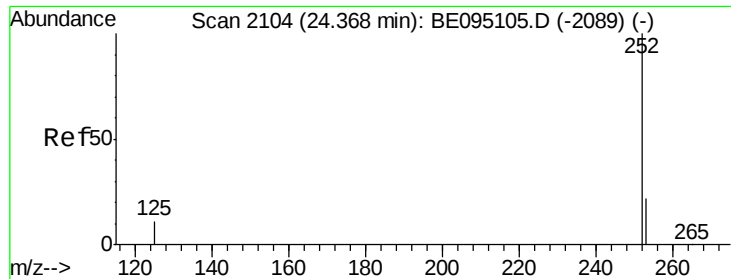


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#37

Benzo(a)pyrene

Concen: 0.394 ng

RT: 24.37 min Scan# 2104

Delta R.T. -0.00 min

Lab File: BE095107.D

Acq: 25 Jan 2018 9:22

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

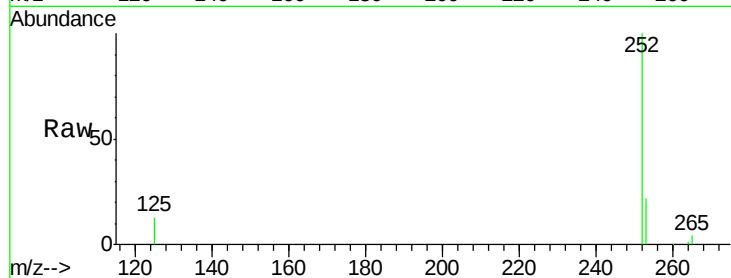
Tgt Ion:252 Resp: 25732

Ion Ratio Lower Upper

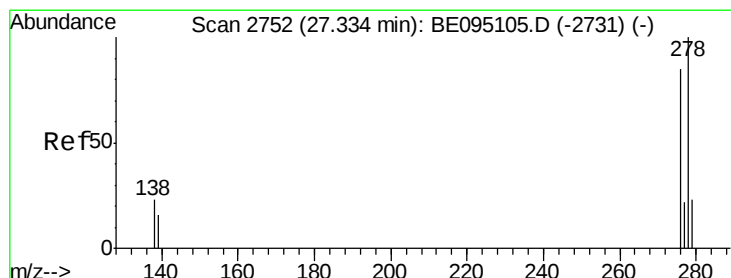
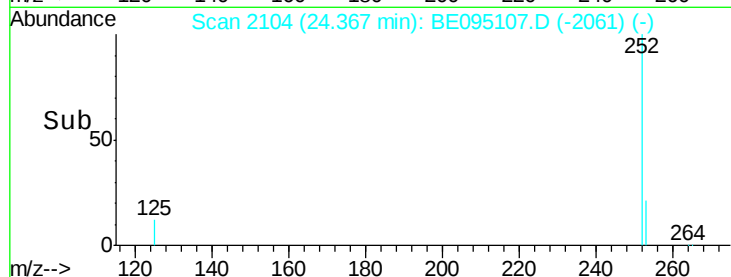
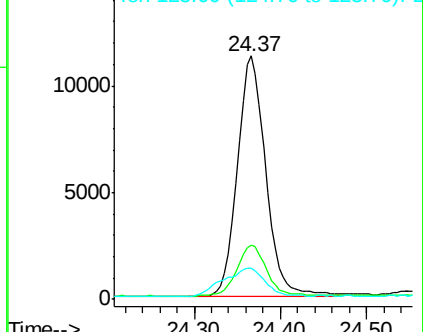
252 100

253 22.3 16.0 24.0

125 12.8 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: 0.384 ng

RT: 27.34 min Scan# 2754

Delta R.T. 0.00 min

Lab File: BE095107.D

Acq: 25 Jan 2018 9:22

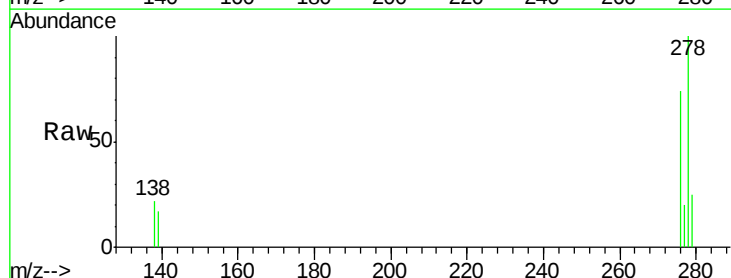
Tgt Ion:278 Resp: 21116

Ion Ratio Lower Upper

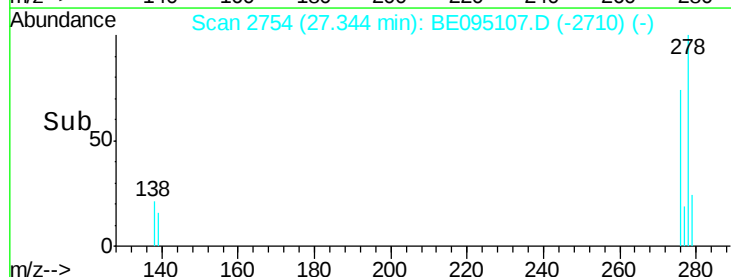
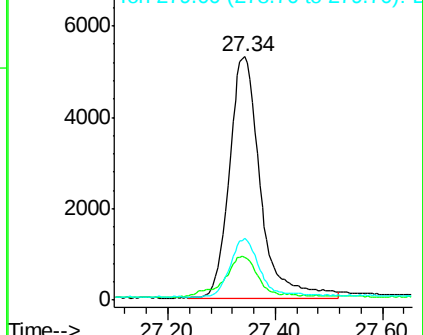
278 100

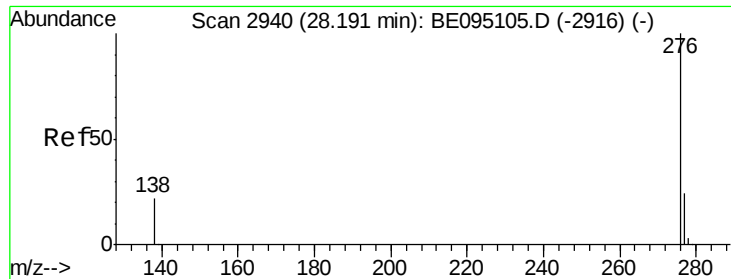
139 17.5 16.0 24.0

279 25.4 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(g,h,i)perylene

Concen: 0.385 ng

RT: 28.19 min Scan# 2940

Delta R.T. -0.01 min

Lab File: BE095107.D

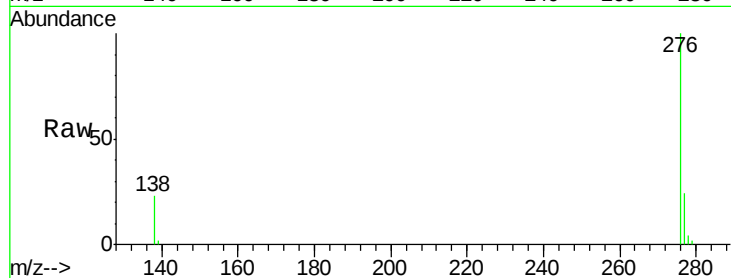
Acq: 25 Jan 2018 9:22

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4



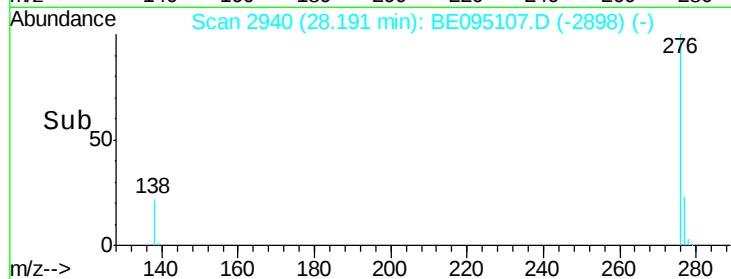
Tgt Ion: 276 Resp: 22965

Ion Ratio Lower Upper

276 100

277 23.8 16.0 24.0

138 23.3 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

