

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE012518\
 Data File : BE095117.D
 Acq On : 25 Jan 2018 16:15
 Operator : SJ/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4EC

Quant Time: Jan 25 19:26:28 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	5113	0.40	ng	0.00
7) Naphthalene-d8	11.29	136	12118	0.40	ng	-0.02
13) Acenaphthene-d10	15.03	164	7490	0.40	ng	0.00
19) Phenanthrene-d10	17.74	188	17231	0.40	ng	0.00
27) Chrysene-d12	21.82	240	17351	0.40	ng	-0.01
34) Perylene-d12	24.48	264	15549	0.40	ng	-0.01

System Monitoring Compounds						
4) 2-Fluorophenol	5.94	112	3567	0.43	ng	0.00
5) Phenol-d6	7.58	99	5487	0.44	ng	0.00
8) Nitrobenzene-d5	9.63	82	5010	0.45	ng	0.00
11) 2-Methylnaphthalene-d10	12.83	152	8309	0.41	ng	0.00
14) 2,4,6-Tribromophenol	16.50	330	1017	0.50	ng	0.00
15) 2-Fluorobiphenyl	13.67	172	12509	0.38	ng	-0.01
25) Fluoranthene-d10	19.71	212	88114	0.41	ng	0.00
29) Terphenyl-d14	20.28	244	14497	0.41	ng	0.00

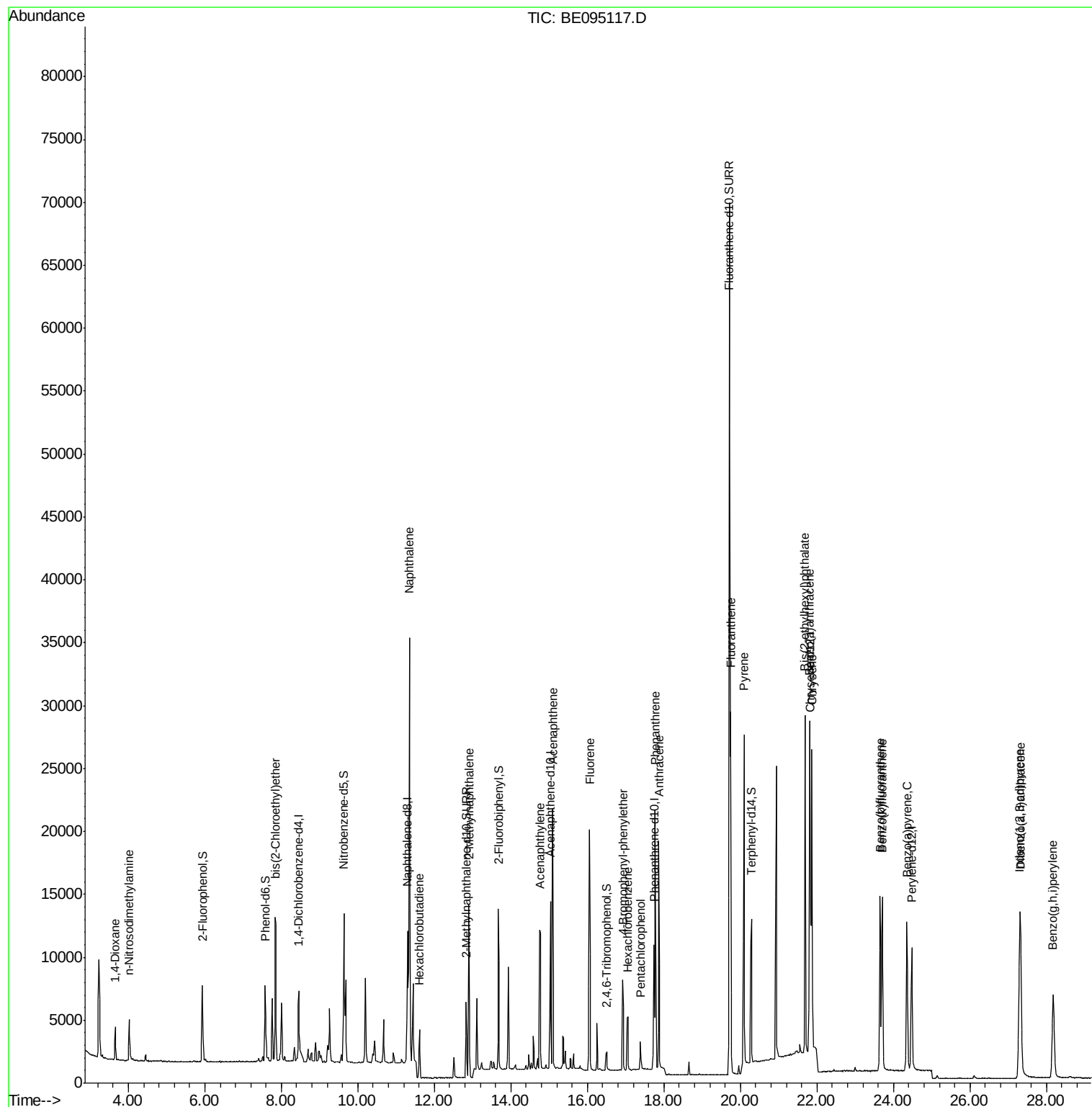
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.66	88	1930	0.384	ng	# 89
3) n-Nitrosodimethylamine	4.01	42	2598	0.433	ng	91
6) bis(2-Chloroethyl)ether	7.85	93	4617	0.395	ng	91
9) Naphthalene	11.34	128	56595	0.408	ng	99
10) Hexachlorobutadiene	11.61	225	2595	0.417	ng	95
12) 2-Methylnaphthalene	12.91	142	9711	0.408	ng	97
16) Acenaphthylene	14.77	152	15660	0.391	ng	99
17) Acenaphthene	15.09	154	9948	0.381	ng	96
18) Fluorene	16.05	166	12799	0.393	ng	# 79
20) 4-Bromophenyl-phenylether	16.92	248	3975	0.392	ng	# 66
21) Hexachlorobenzene	17.06	284	4045	0.397	ng	# 83
22) Pentachlorophenol	17.39	266	1251	0.584	ng	# 74
23) Phenanthrene	17.77	178	21110	0.396	ng	98
24) Anthracene	17.86	178	18901	0.398	ng	95
26) Fluoranthene	19.74	202	25301	0.396	ng	98
28) Pyrene	20.10	202	31750	0.433	ng	99
30) Benzo(a)anthracene	21.81	228	22273	0.410	ng	97
31) Chrysene	21.87	228	21374	0.390	ng	100
32) Bis(2-ethylhexyl)phthalate	21.68	149	43207	0.572	ng	100
33) Indeno(1,2,3-cd)pyrene	27.30	276	21823	0.437	ng	95
35) Benzo(b)fluoranthene	23.65	252	20920	0.379	ng	# 89
36) Benzo(k)fluoranthene	23.71	252	21494	0.381	ng	96
37) Benzo(a)pyrene	24.35	252	19656	0.389	ng	93
38) Dibenzo(a,h)anthracene	27.32	278	17562	0.412	ng	# 96
39) Benzo(g,h,i)perylene	28.18	276	18071	0.392	ng	# 91

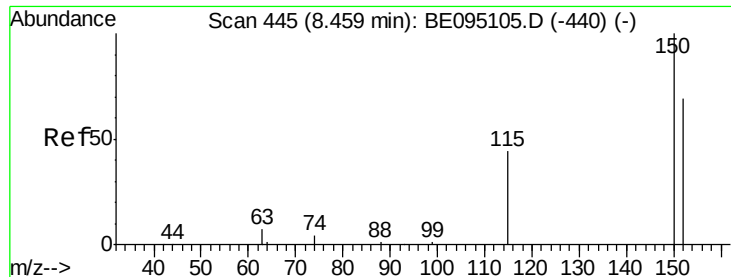
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 8.46 min Scan# 445

Delta R.T. -0.00 min

Lab File: BE095117.D

Acq: 25 Jan 2018 16:15

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

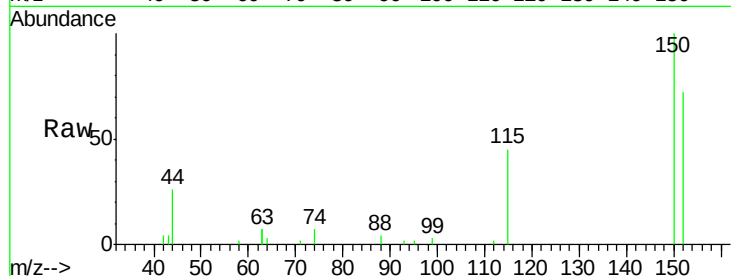
Tgt Ion: 152 Resp: 5113

Ion Ratio Lower Upper

152 100

150 138.8 117.2 175.8

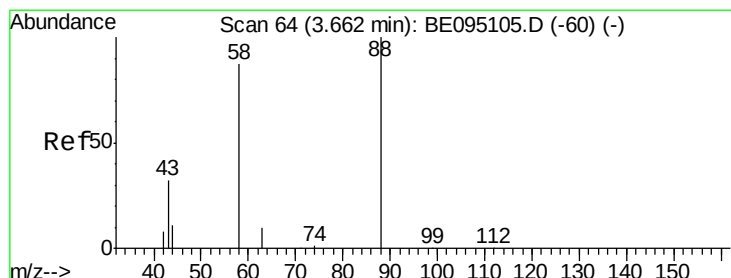
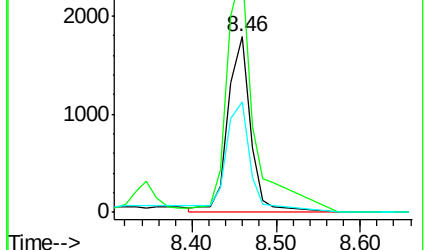
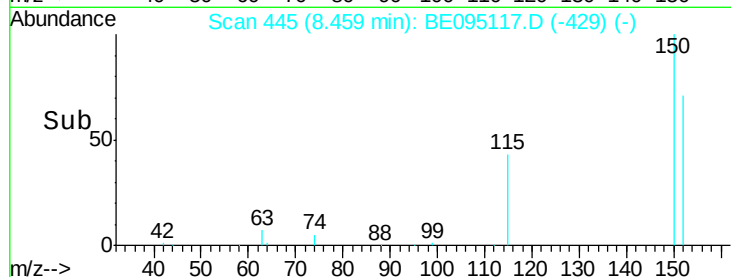
115 62.8 57.0 85.6



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: 0.384 ng

RT: 3.66 min Scan# 64

Delta R.T. -0.00 min

Lab File: BE095117.D

Acq: 25 Jan 2018 16:15

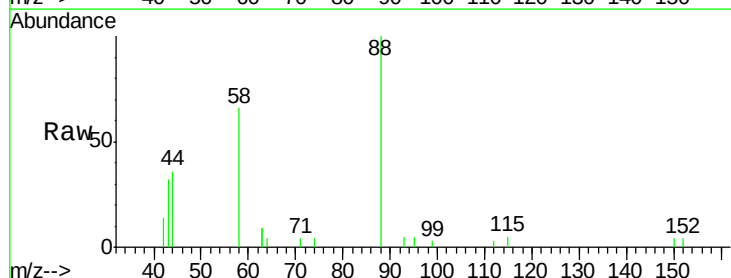
Tgt Ion: 88 Resp: 1930

Ion Ratio Lower Upper

88 100

58 76.4 63.2 94.8

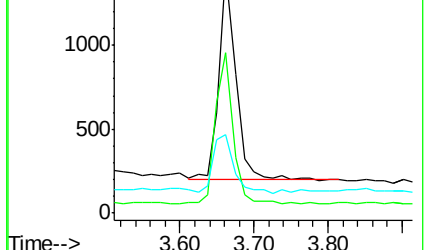
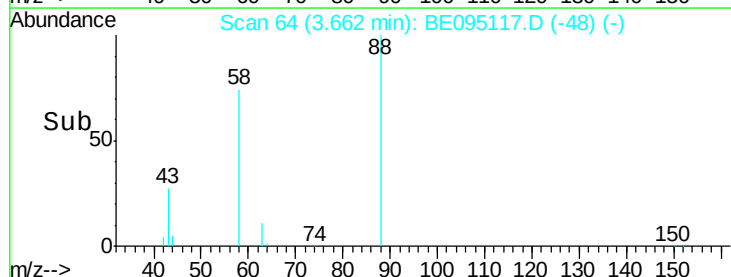
43 35.9 41.2 61.8#

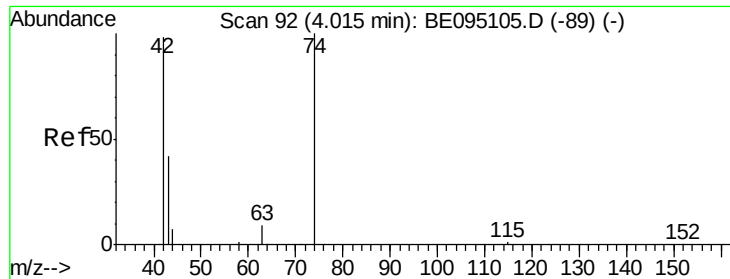


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#3

n-Nitrosodimethylamine

Concen: 0.433 ng

RT: 4.01 min Scan# 92

Delta R.T. -0.00 min

Lab File: BE095117.D

Acq: 25 Jan 2018 16:15

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

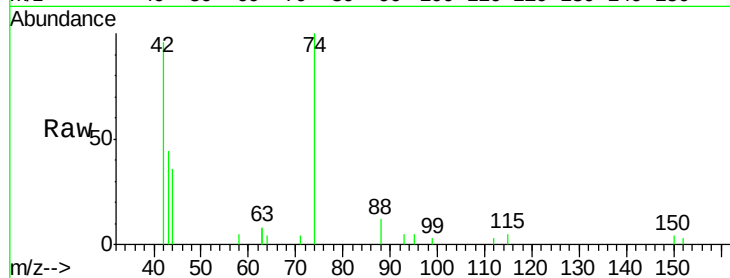
Tgt Ion: 42 Resp: 2598

Ion Ratio Lower Upper

42 100

74 109.3 96.0 144.0

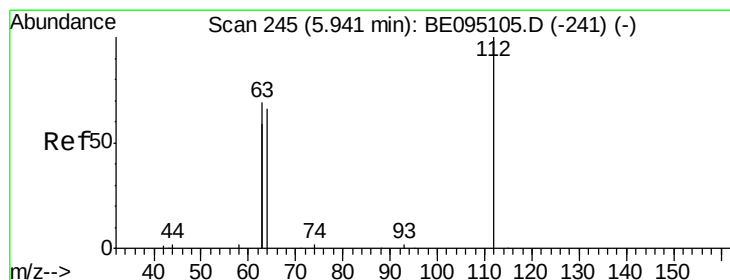
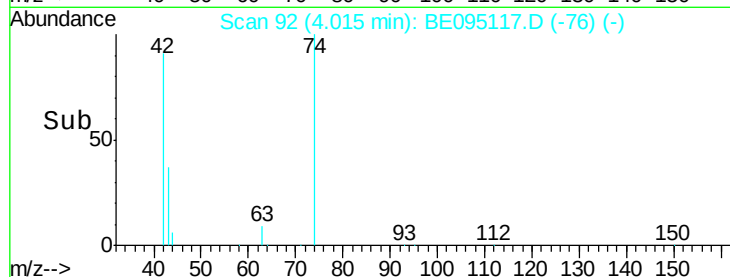
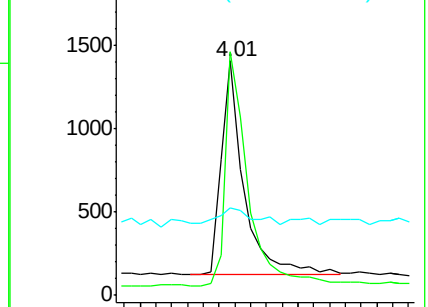
44 12.0 12.0 18.0



Abundance Ion 42.00 (41.70 to 42.70): BE0

Ion 74.00 (73.70 to 74.70): BE0

Ion 44.00 (43.70 to 44.70): BE0



#4

2-Fluorophenol

Concen: 0.431 ng

RT: 5.94 min Scan# 245

Delta R.T. -0.00 min

Lab File: BE095117.D

Acq: 25 Jan 2018 16:15

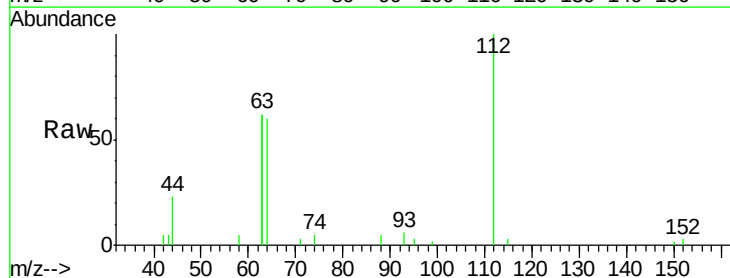
Tgt Ion: 112 Resp: 3567

Ion Ratio Lower Upper

112 100

64 72.8 60.1 90.1

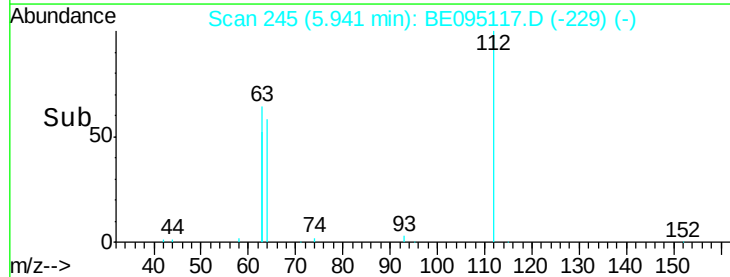
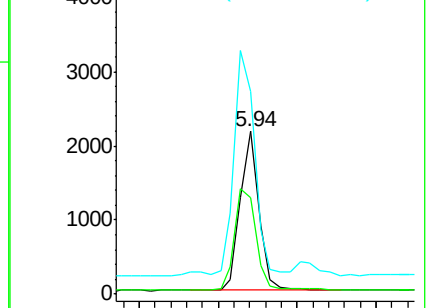
63 156.8 116.8 175.2

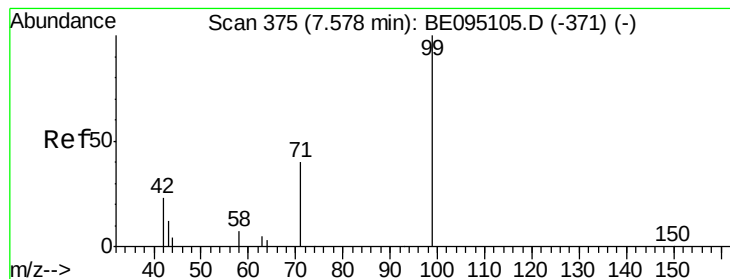


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.437 ng

RT: 7.58 min Scan# 375

Delta R.T. -0.00 min

Lab File: BE095117.D

Acq: 25 Jan 2018 16:15

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

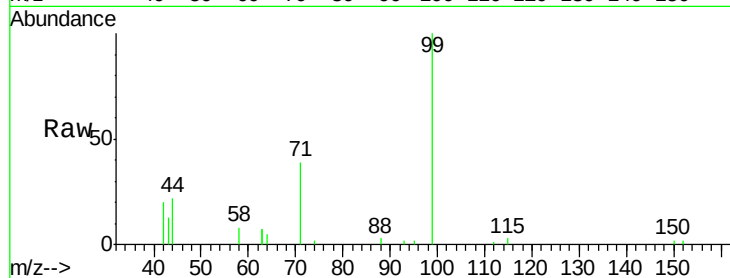
Tgt Ion: 99 Resp: 5487

Ion Ratio Lower Upper

99 100

42 22.9 20.2 30.2

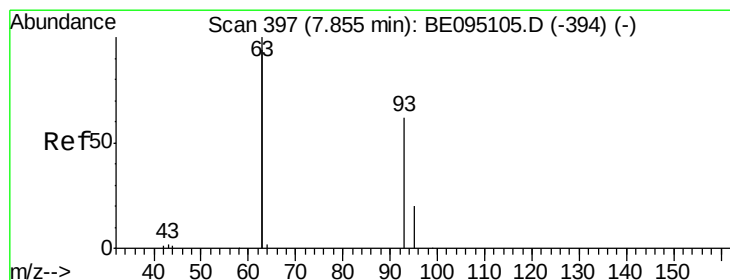
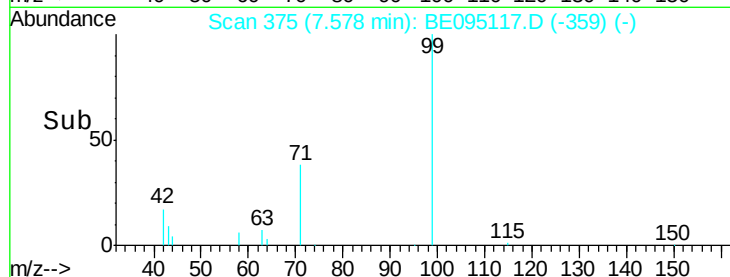
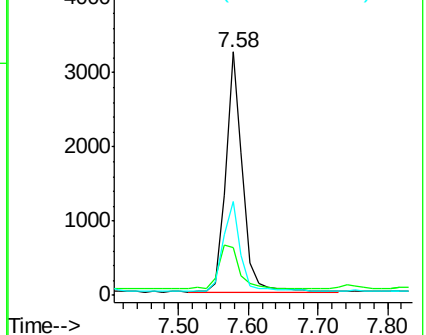
71 38.8 28.4 42.6



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: 0.395 ng

RT: 7.85 min Scan# 397

Delta R.T. -0.00 min

Lab File: BE095117.D

Acq: 25 Jan 2018 16:15

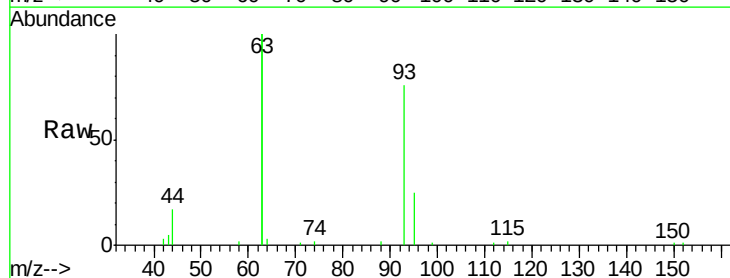
Tgt Ion: 93 Resp: 4617

Ion Ratio Lower Upper

93 100

63 324.3 275.3 412.9

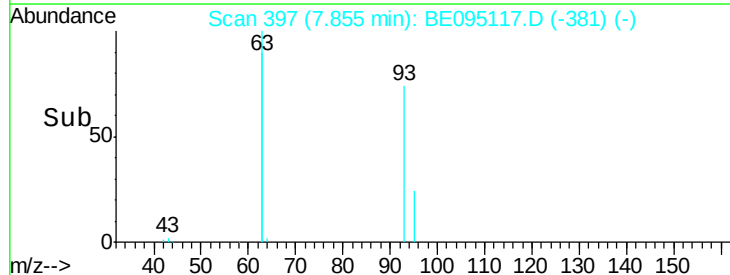
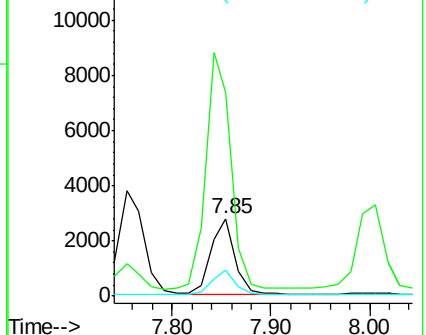
95 31.1 25.2 37.8

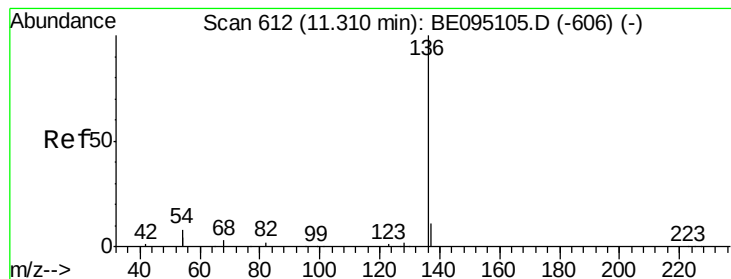


Abundance Ion 93.00 (92.70 to 93.70): BE0

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: 11.29 min Scan# 611

Delta R.T. -0.02 min

Lab File: BE095117.D

Acq: 25 Jan 2018 16:15

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

Tgt Ion: 136 Resp: 12118

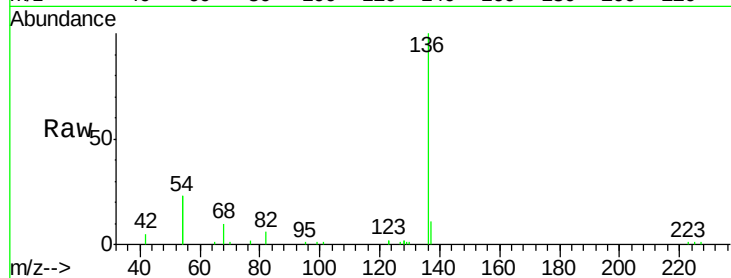
Ion Ratio Lower Upper

136 100

137 11.4 9.5 14.3

54 46.9 29.1 43.7#

68 9.6 6.2 9.2#

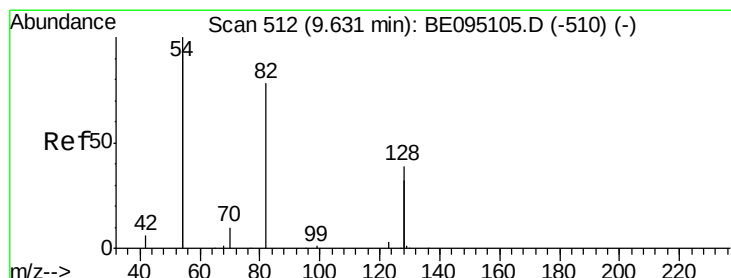
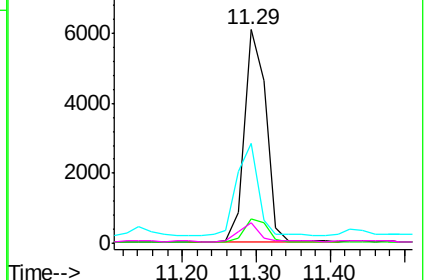
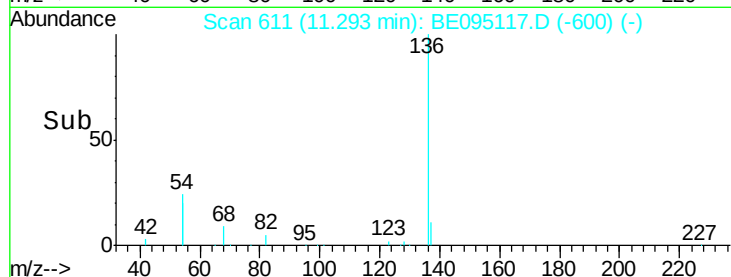


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.454 ng

RT: 9.63 min Scan# 512

Delta R.T. -0.00 min

Lab File: BE095117.D

Acq: 25 Jan 2018 16:15

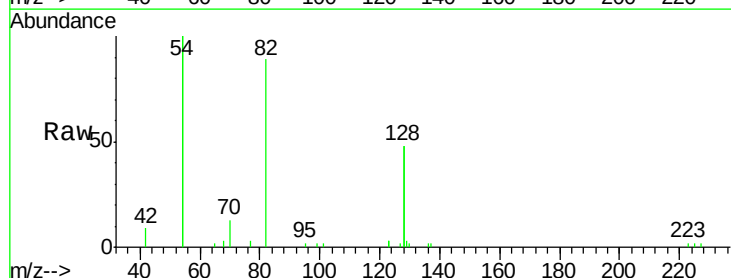
Tgt Ion: 82 Resp: 5010

Ion Ratio Lower Upper

82 100

128 107.8 150.0 225.0#

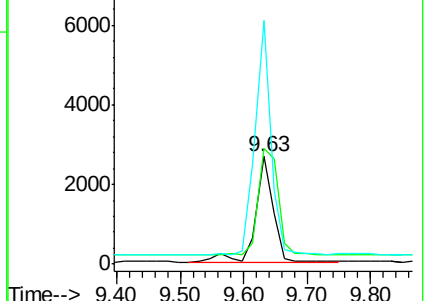
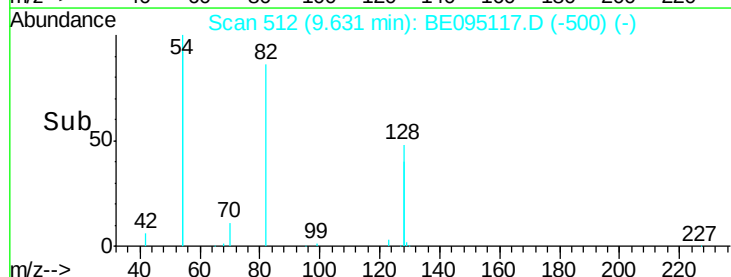
54 225.9 154.2 231.4

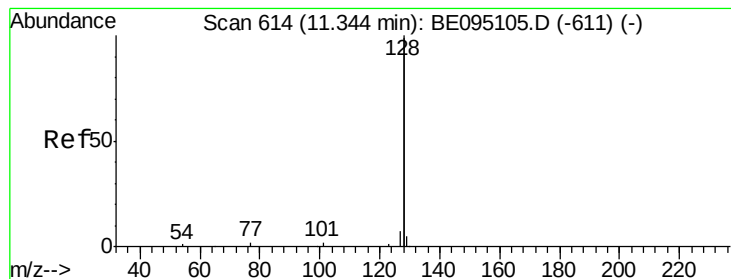


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.408 ng

RT: 11.34 min Scan# 614

Delta R.T. -0.00 min

Lab File: BE095117.D

Acq: 25 Jan 2018 16:15

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

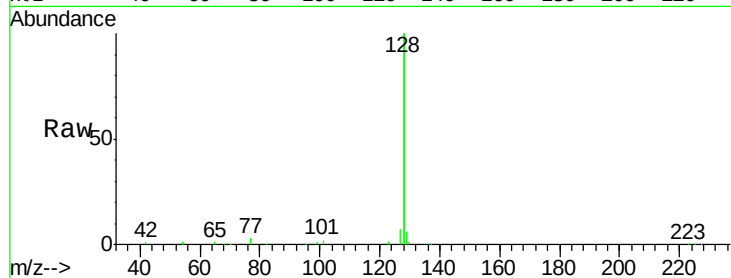
Tgt Ion:128 Resp: 56595

Ion Ratio Lower Upper

128 100

129 2.8 2.6 3.8

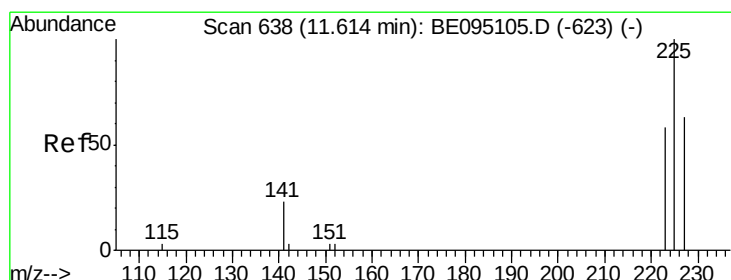
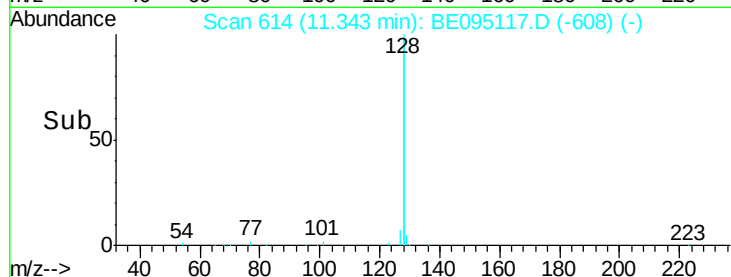
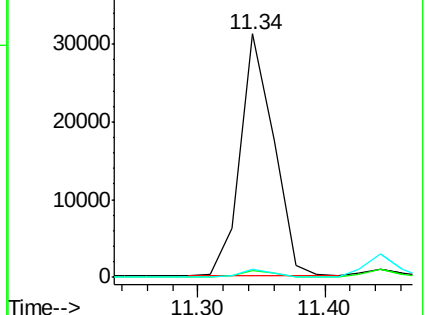
127 3.4 2.8 4.2



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: 0.417 ng

RT: 11.61 min Scan# 637

Delta R.T. -0.01 min

Lab File: BE095117.D

Acq: 25 Jan 2018 16:15

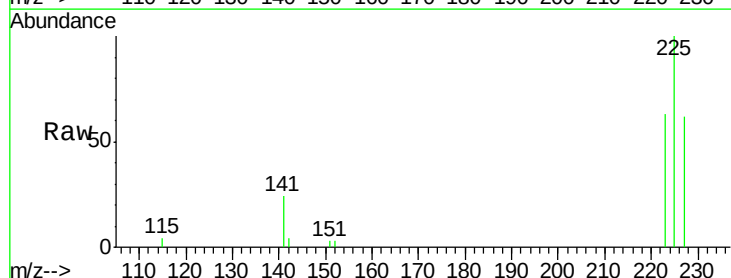
Tgt Ion:225 Resp: 2595

Ion Ratio Lower Upper

225 100

223 61.4 53.0 79.6

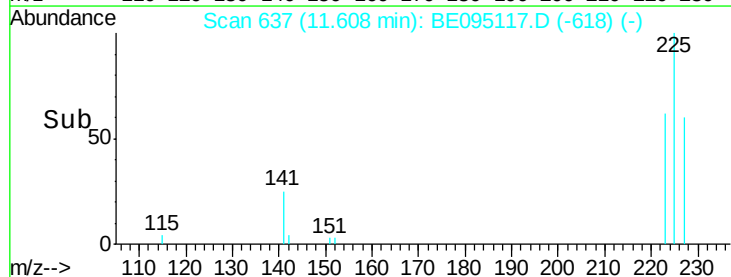
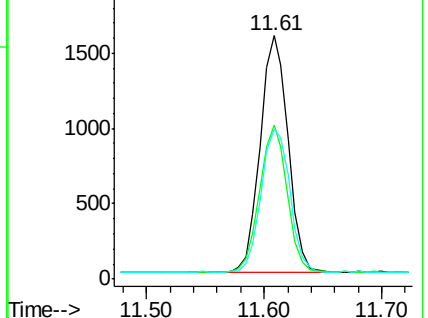
227 62.0 51.4 77.2

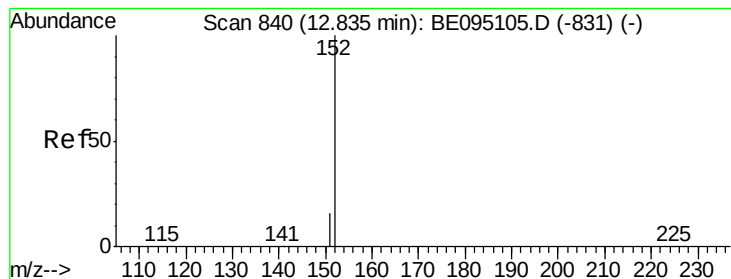


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.413 ng

RT: 12.83 min Scan# 840

Delta R.T. -0.01 min

Lab File: BE095117.D

Acq: 25 Jan 2018 16:15

Instrument :

BNA_E

ClientSampleId :

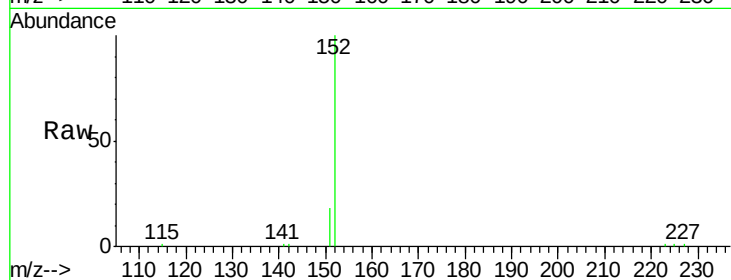
SSTDCCC0.4EC

Tgt Ion:152 Resp: 8309

Ion Ratio Lower Upper

152 100

151 19.5 15.4 23.0



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

12.83

6000

5000

4000

3000

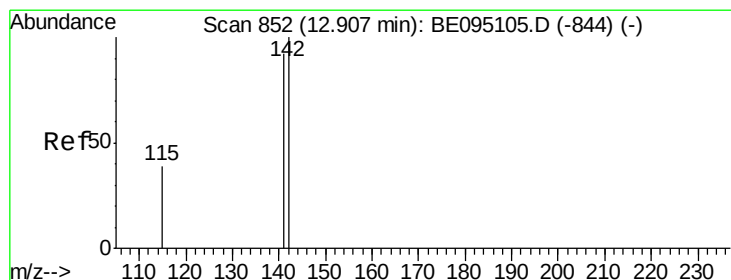
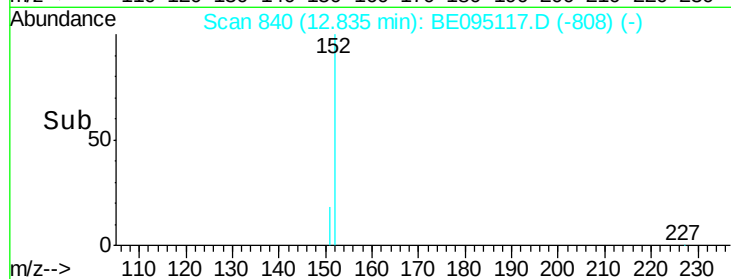
2000

1000

0

Time-->

12.80 12.90



#12

2-Methylnaphthalene

Concen: 0.408 ng

RT: 12.91 min Scan# 852

Delta R.T. 0.00 min

Lab File: BE095117.D

Acq: 25 Jan 2018 16:15

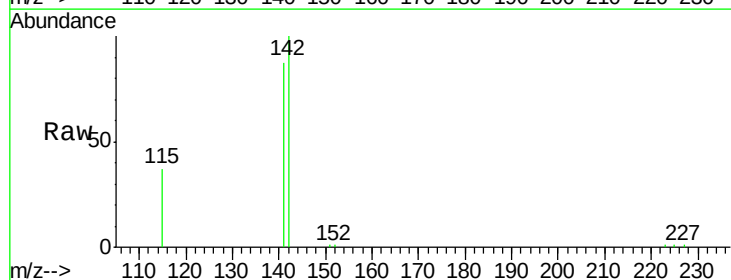
Tgt Ion:142 Resp: 9711

Ion Ratio Lower Upper

142 100

141 86.6 70.4 105.6

115 36.8 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

8000

6000

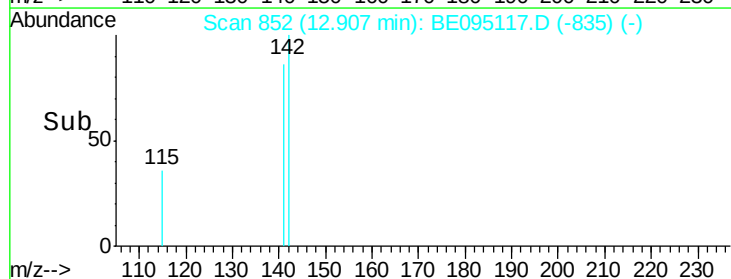
4000

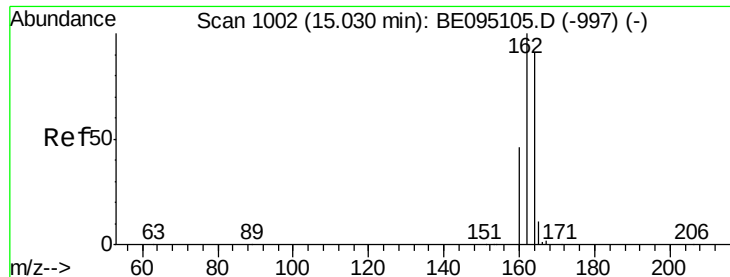
2000

0

Time-->

12.85 12.90 12.95





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 15.03 min Scan# 1002

Delta R.T. 0.00 min

Lab File: BE095117.D

Acq: 25 Jan 2018 16:15

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

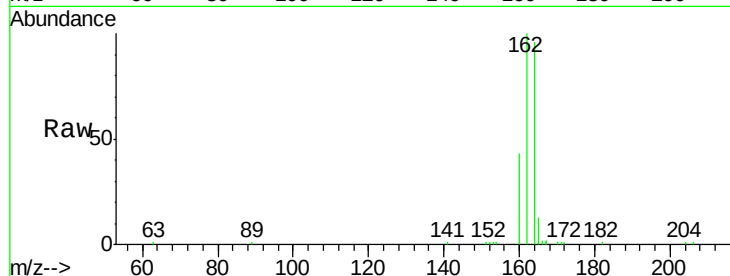
Tgt Ion:164 Resp: 7490

Ion Ratio Lower Upper

164 100

162 104.5 83.1 124.7

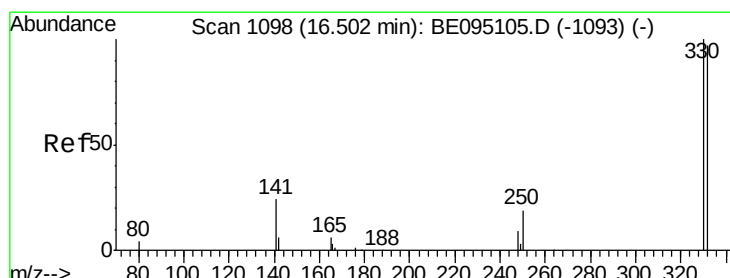
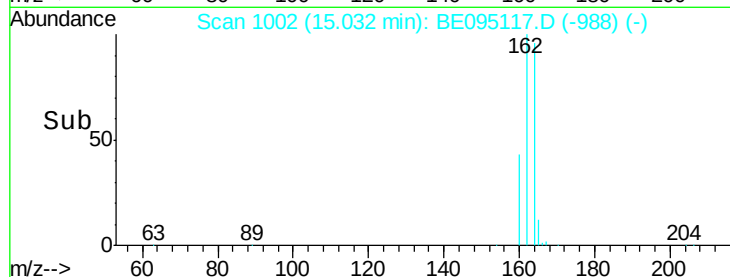
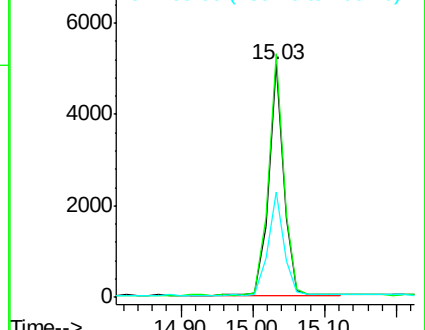
160 45.2 37.1 55.7



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#14

2,4,6-Tribromophenol

Concen: 0.496 ng

RT: 16.50 min Scan# 1098

Delta R.T. 0.00 min

Lab File: BE095117.D

Acq: 25 Jan 2018 16:15

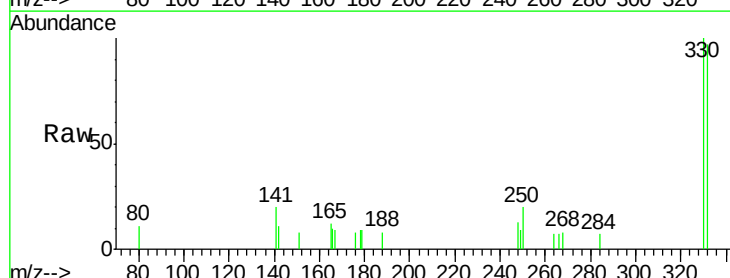
Tgt Ion:330 Resp: 1017

Ion Ratio Lower Upper

330 100

332 95.6 152.7 229.1#

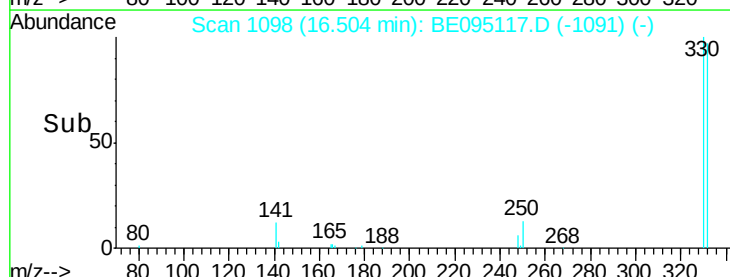
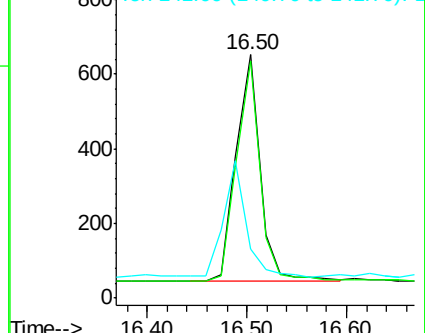
141 48.9 33.7 50.5

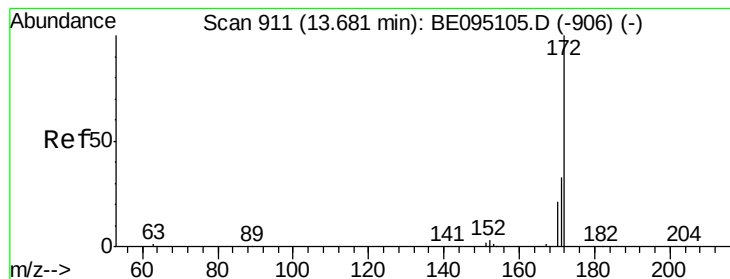


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#15

2-Fluorobiphenyl

Concen: 0.380 ng

RT: 13.67 min Scan# 910

Delta R.T. -0.01 min

Lab File: BE095117.D

Acq: 25 Jan 2018 16:15

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

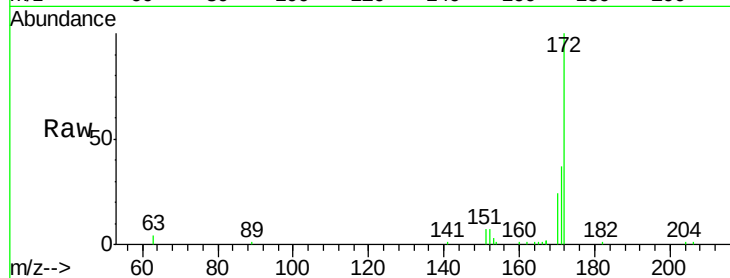
Tgt Ion:172 Resp: 12509

Ion Ratio Lower Upper

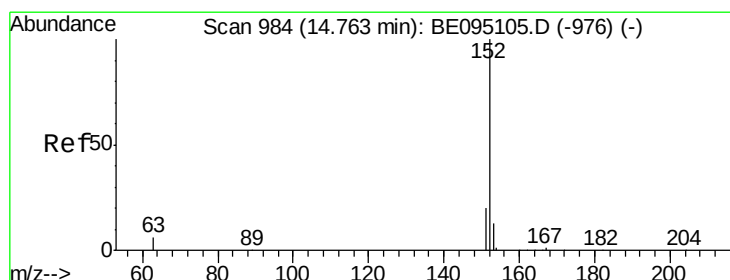
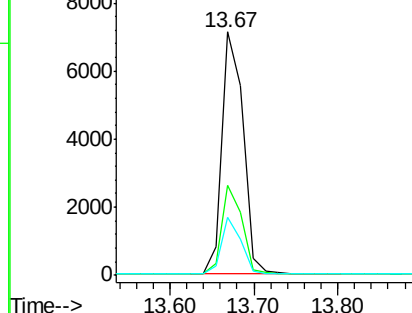
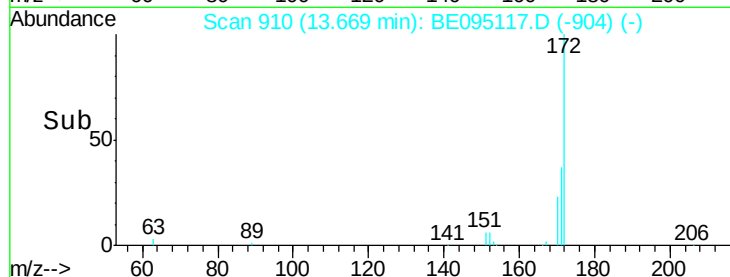
172 100

171 37.0 29.9 44.9

170 23.9 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: 0.391 ng

RT: 14.77 min Scan# 984

Delta R.T. 0.00 min

Lab File: BE095117.D

Acq: 25 Jan 2018 16:15

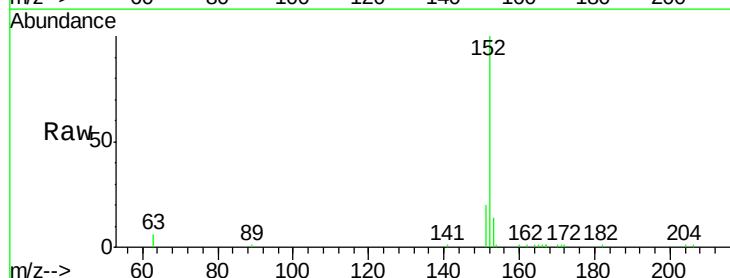
Tgt Ion:152 Resp: 15660

Ion Ratio Lower Upper

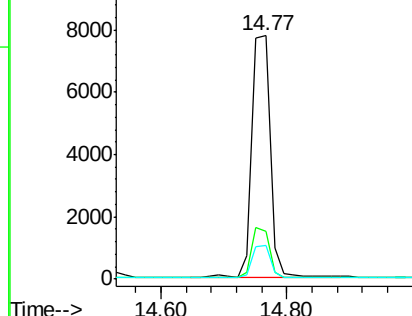
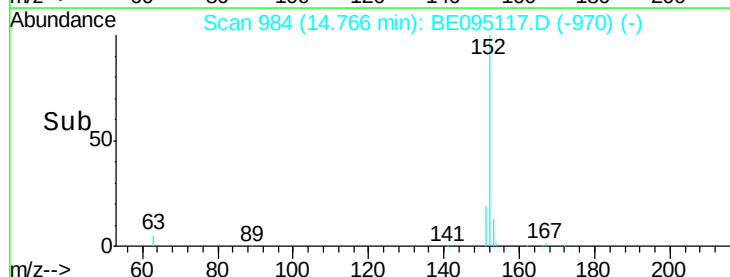
152 100

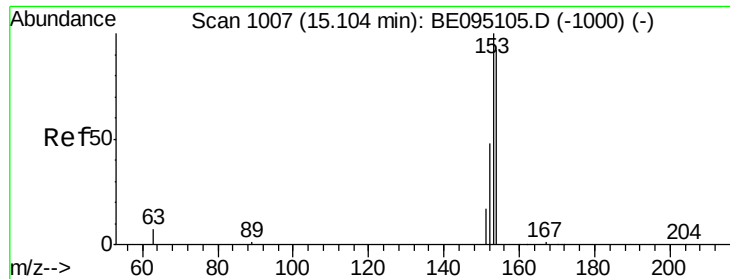
151 20.2 15.7 23.5

153 13.3 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: 0.381 ng

RT: 15.09 min Scan# 1006

Delta R.T. -0.01 min

Lab File: BE095117.D

Acq: 25 Jan 2018 16:15

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

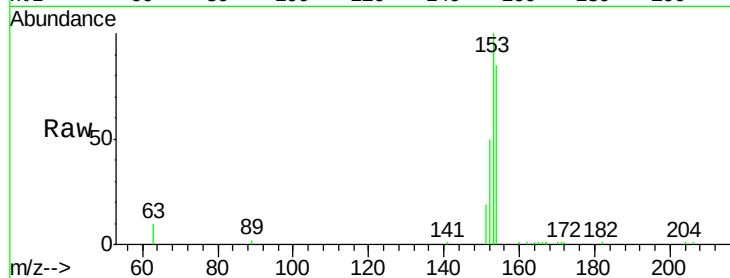
Tgt Ion:154 Resp: 9948

Ion Ratio Lower Upper

154 100

153 114.9 89.2 133.8

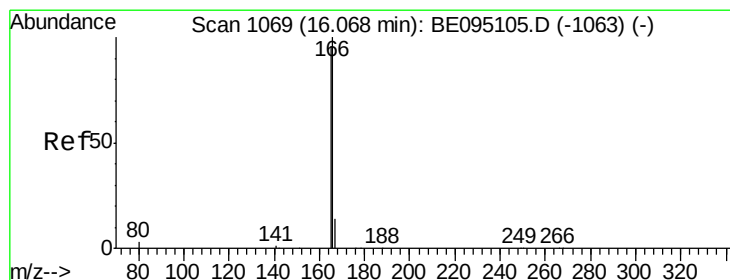
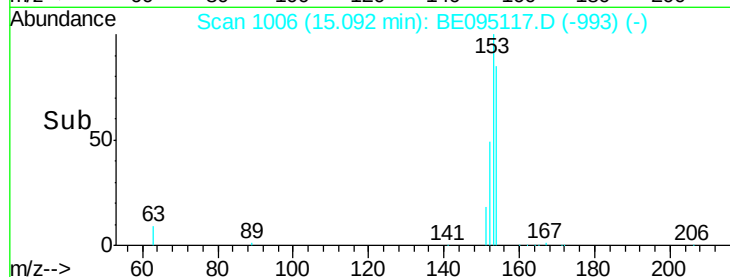
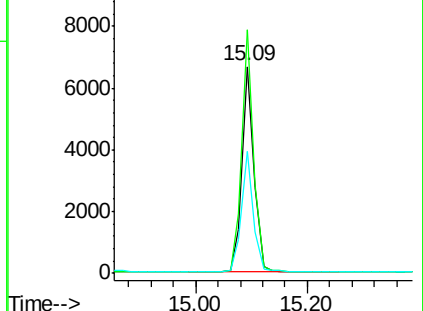
152 57.0 42.0 63.0



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: 0.393 ng

RT: 16.05 min Scan# 1068

Delta R.T. -0.01 min

Lab File: BE095117.D

Acq: 25 Jan 2018 16:15

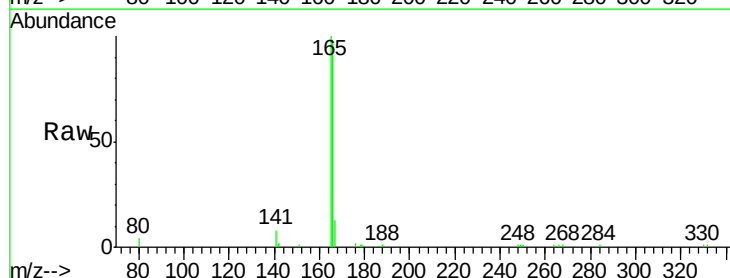
Tgt Ion:166 Resp: 12799

Ion Ratio Lower Upper

166 100

165 99.6 77.8 116.6

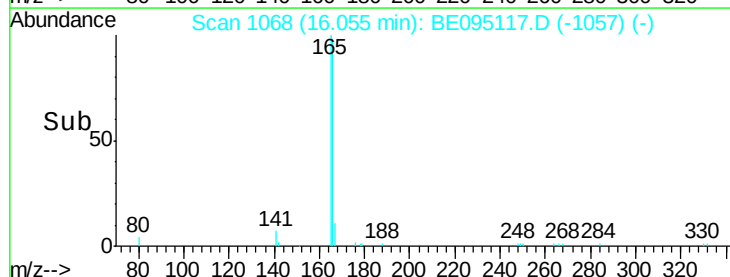
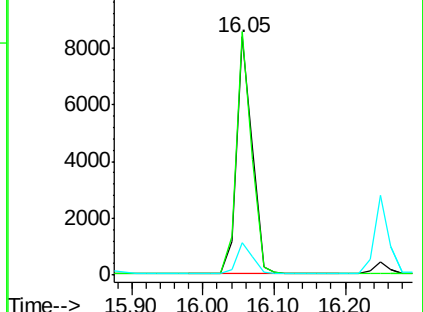
167 13.4 42.4 63.6#

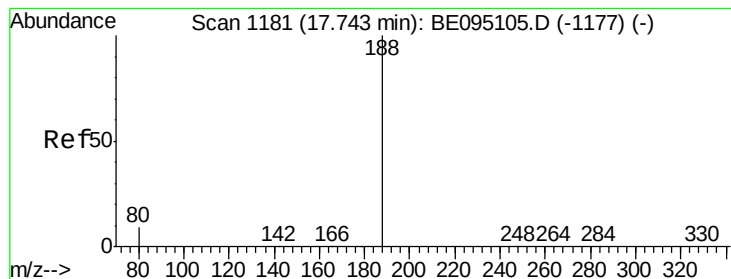


Abundance Ion 166.00 (165.70 to 166.70): E

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: BE095117.D

Acq: 25 Jan 2018 16:15

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

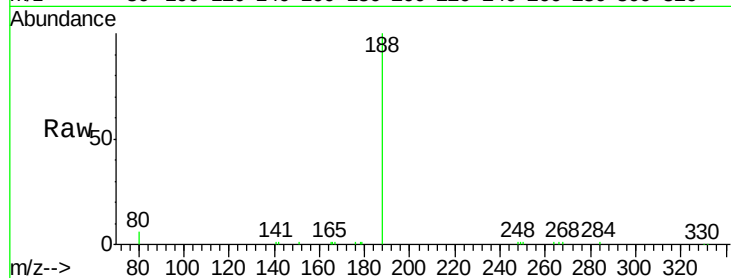
Tgt Ion:188 Resp: 17231

Ion Ratio Lower Upper

188 100

94 0.0 3.9 5.9#

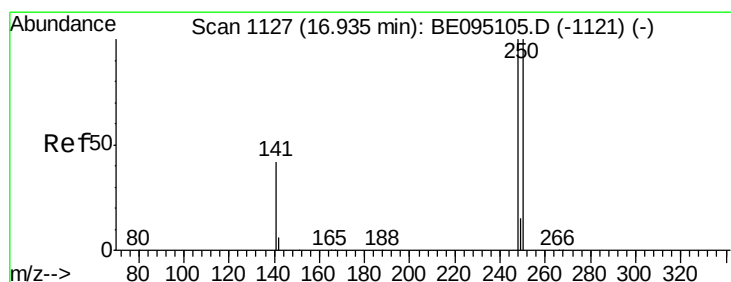
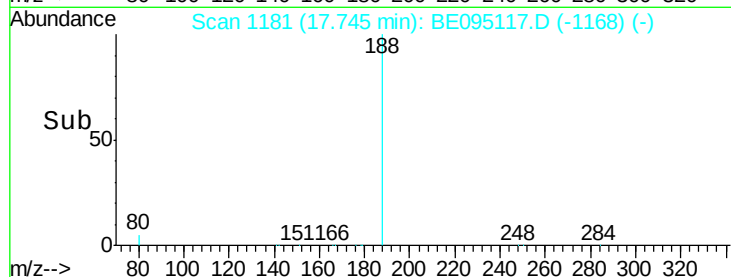
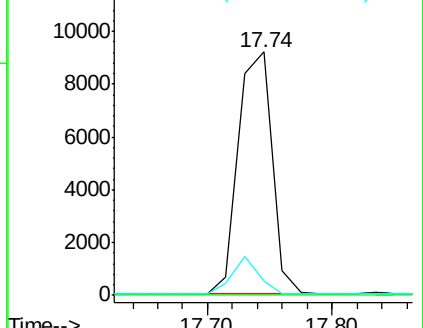
80 6.1 3.6 5.4#



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: 0.392 ng

RT: 16.92 min Scan# 1126

Delta R.T. -0.01 min

Lab File: BE095117.D

Acq: 25 Jan 2018 16:15

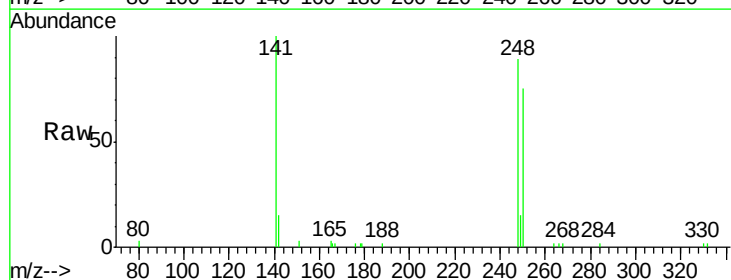
Tgt Ion:248 Resp: 3975

Ion Ratio Lower Upper

248 100

250 84.0 62.7 94.1

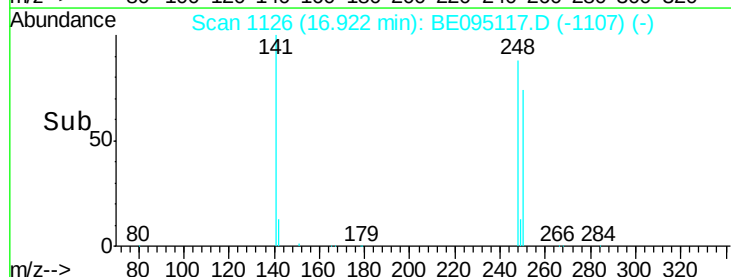
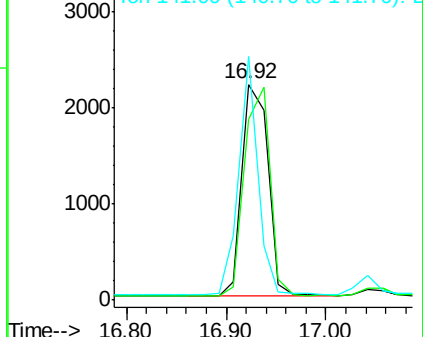
141 112.8 48.2 72.2#

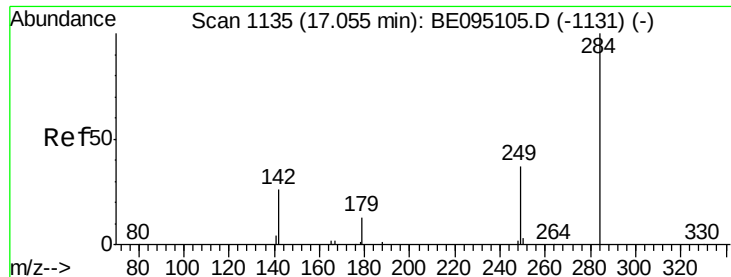


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.397 ng

RT: 17.06 min Scan# 1135

Delta R.T. 0.00 min

Lab File: BE095117.D

Acq: 25 Jan 2018 16:15

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

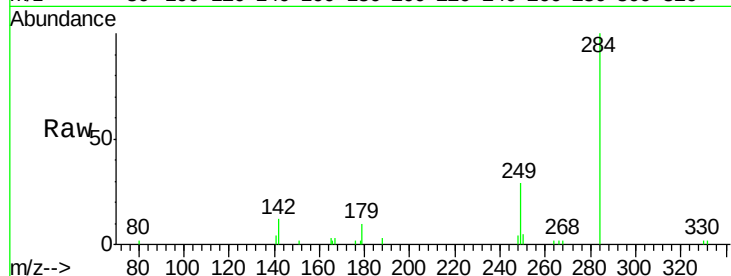
Tgt Ion:284 Resp: 4045

Ion Ratio Lower Upper

284 100

142 39.7 22.1 33.1#

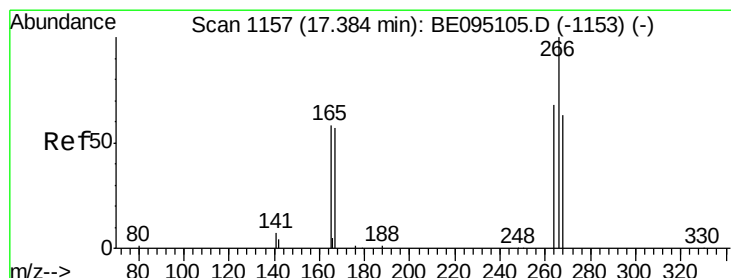
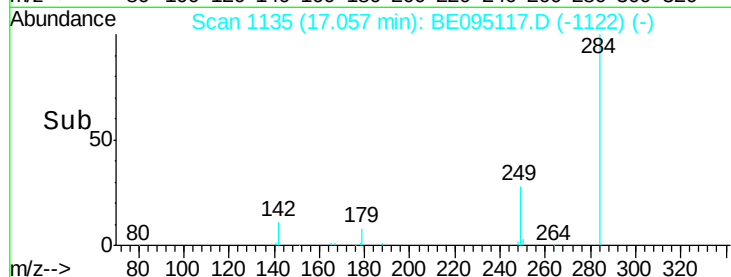
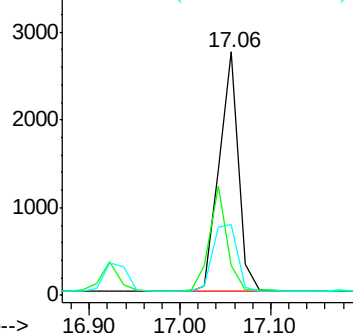
249 34.9 34.8 52.2



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#22

Pentachlorophenol

Concen: 0.584 ng

RT: 17.39 min Scan# 1157

Delta R.T. 0.00 min

Lab File: BE095117.D

Acq: 25 Jan 2018 16:15

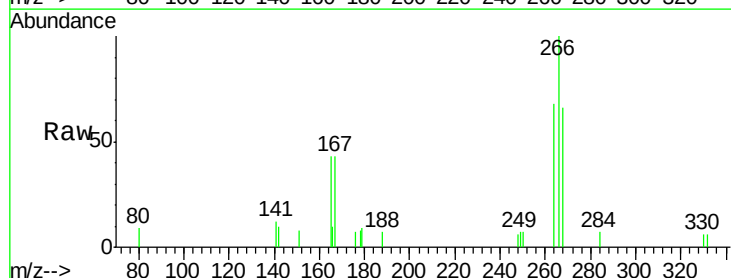
Tgt Ion:266 Resp: 1251

Ion Ratio Lower Upper

266 100

264 67.7 72.5 108.7#

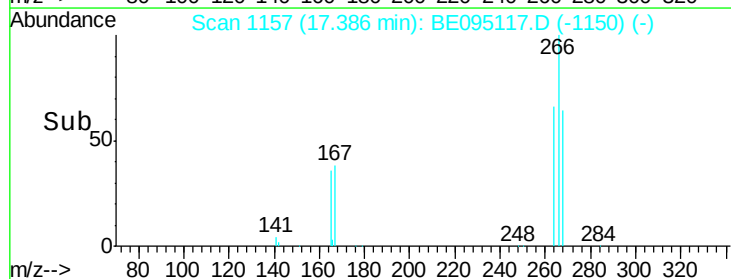
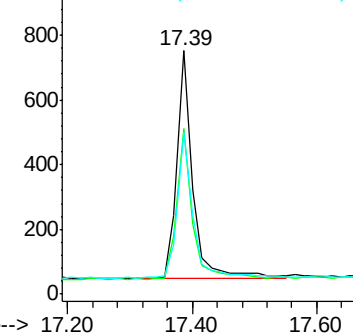
268 66.4 73.8 110.6#

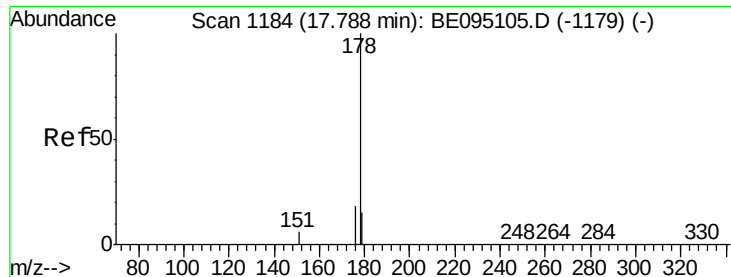


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.396 ng

RT: 17.77 min Scan# 1183

Delta R.T. -0.01 min

Lab File: BE095117.D

Acq: 25 Jan 2018 16:15

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

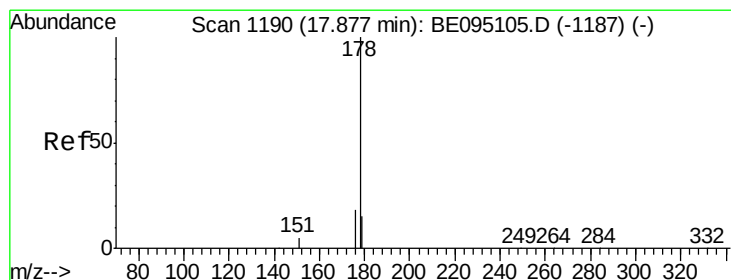
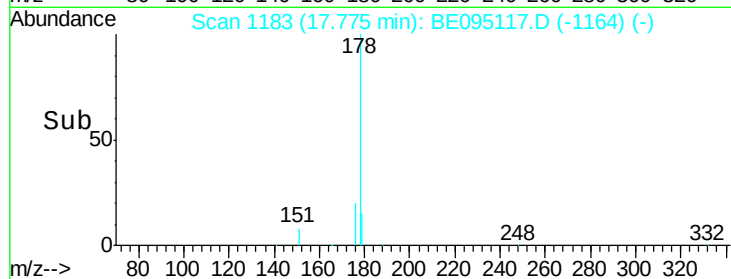
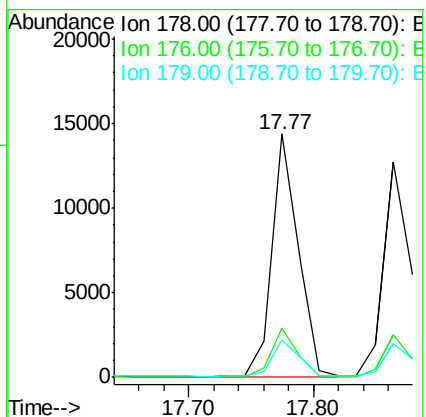
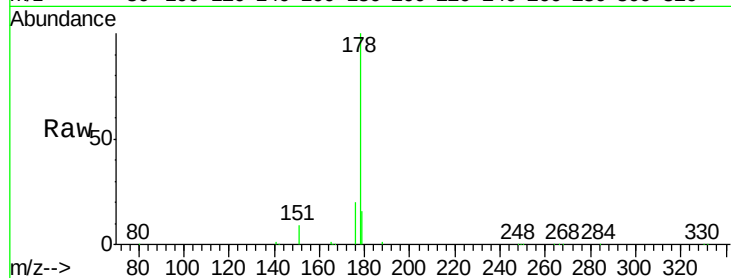
Tgt Ion:178 Resp: 21110

Ion Ratio Lower Upper

178 100

176 19.5 15.1 22.7

179 15.9 11.8 17.6



#24

Anthracene

Concen: 0.398 ng

RT: 17.86 min Scan# 1189

Delta R.T. -0.01 min

Lab File: BE095117.D

Acq: 25 Jan 2018 16:15

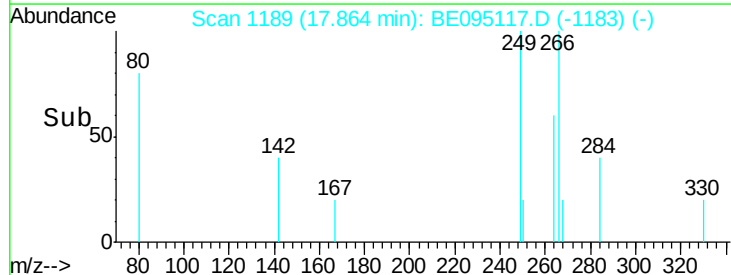
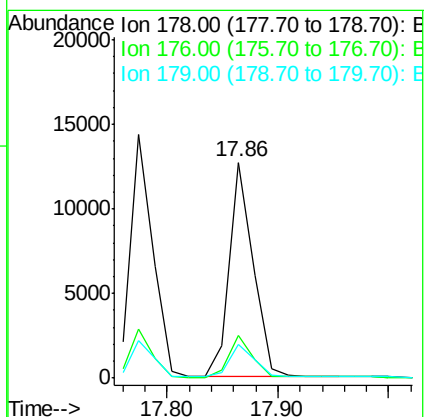
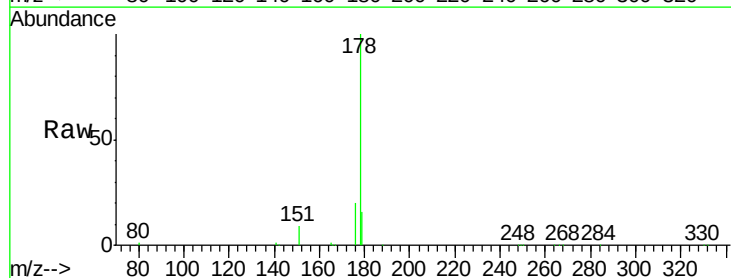
Tgt Ion:178 Resp: 18901

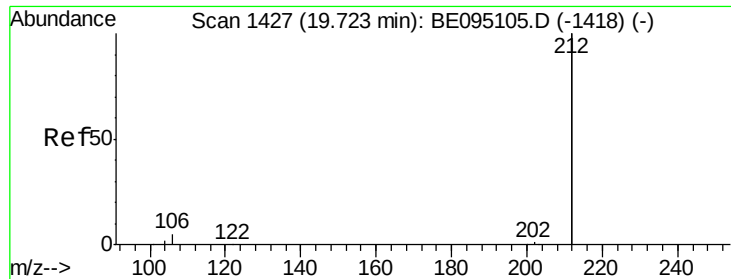
Ion Ratio Lower Upper

178 100

176 19.1 12.8 19.2

179 15.5 13.0 19.6

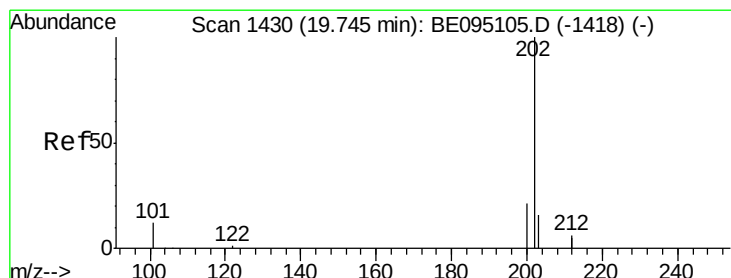
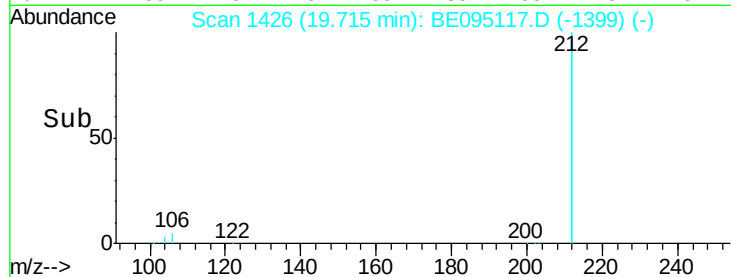
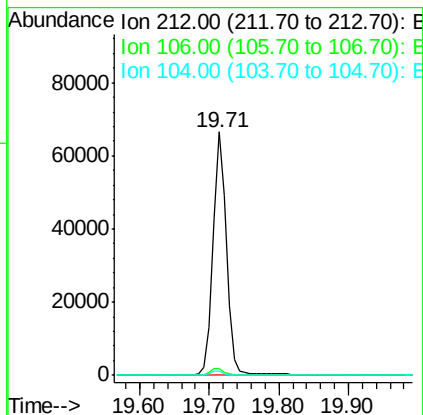
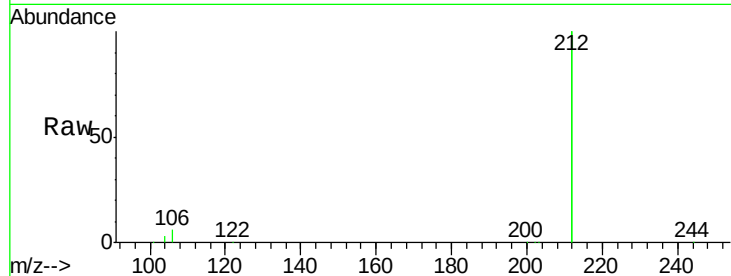




#25
 Fluoranthene-d10
 Concen: 0.407 ng
 RT: 19.71 min Scan# 1426
 Delta R.T. -0.00 min
 Lab File: BE095117.D
 Acq: 25 Jan 2018 16:15

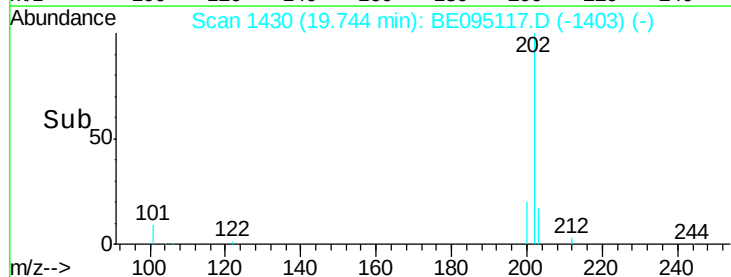
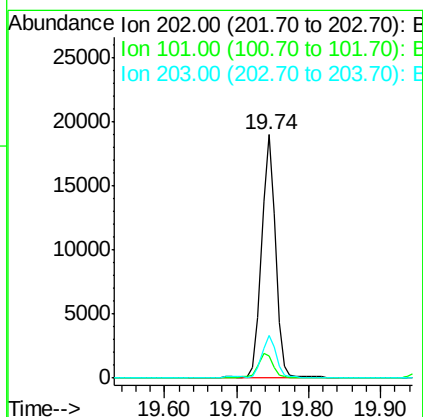
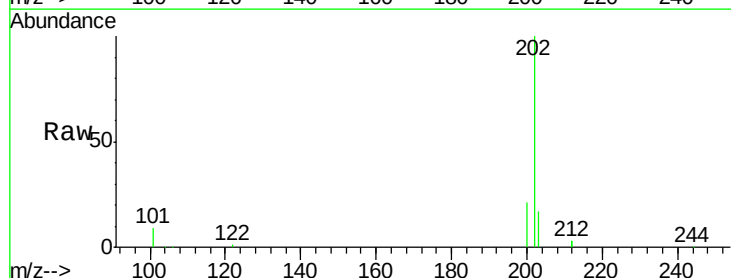
Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4EC

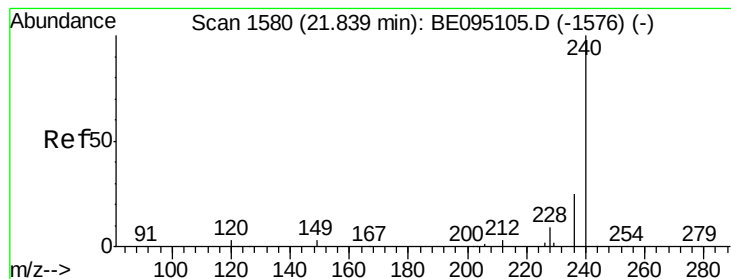
Tgt Ion:212 Resp: 88114
 Ion Ratio Lower Upper
 212 100
 106 2.9 2.8 4.2
 104 1.7 1.6 2.4



#26
 Fluoranthene
 Concen: 0.396 ng
 RT: 19.74 min Scan# 1430
 Delta R.T. -0.00 min
 Lab File: BE095117.D
 Acq: 25 Jan 2018 16:15

Tgt Ion:202 Resp: 25301
 Ion Ratio Lower Upper
 202 100
 101 10.2 9.8 14.8
 203 17.2 13.7 20.5





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.82 min Scan# 1579

Delta R.T. -0.01 min

Lab File: BE095117.D

Acq: 25 Jan 2018 16:15

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

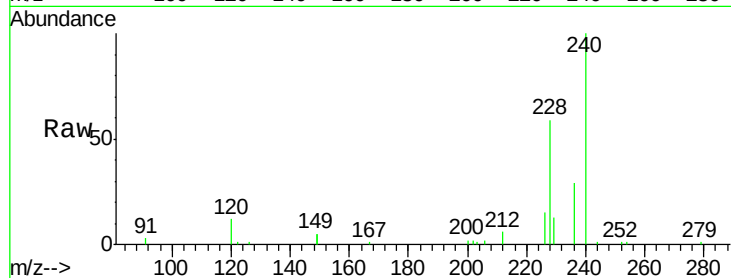
Tgt Ion:240 Resp: 17351

Ion Ratio Lower Upper

240 100

120 12.5 5.5 8.3#

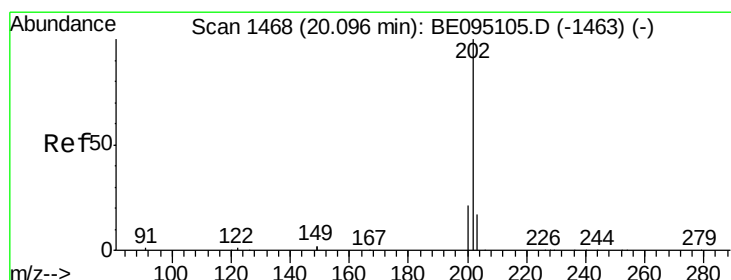
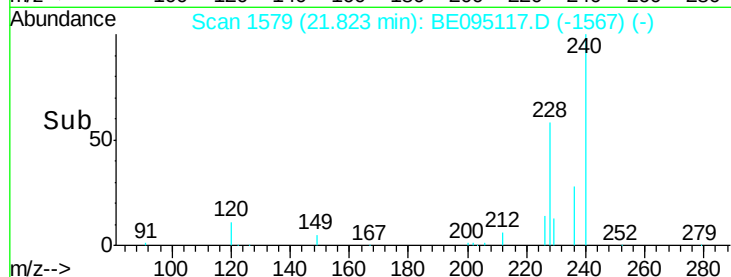
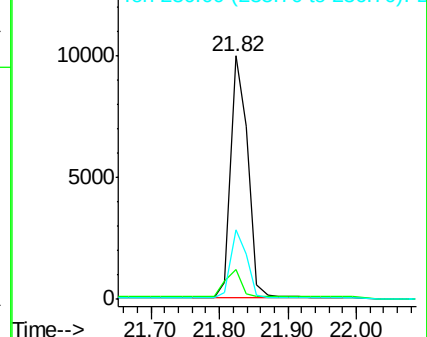
236 28.7 20.7 31.1



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: 0.433 ng

RT: 20.10 min Scan# 1468

Delta R.T. 0.00 min

Lab File: BE095117.D

Acq: 25 Jan 2018 16:15

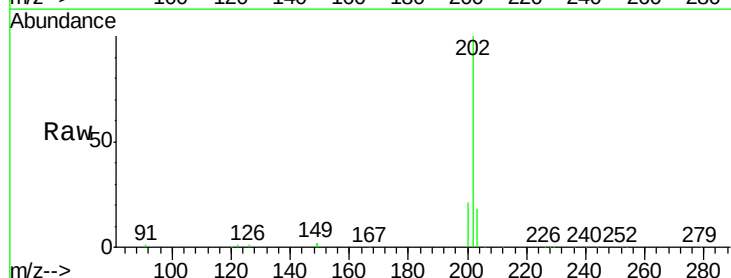
Tgt Ion:202 Resp: 31750

Ion Ratio Lower Upper

202 100

200 20.1 16.6 25.0

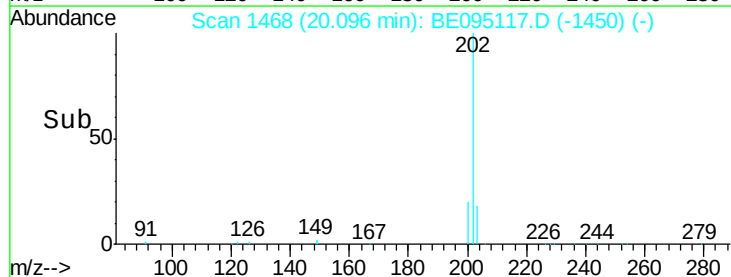
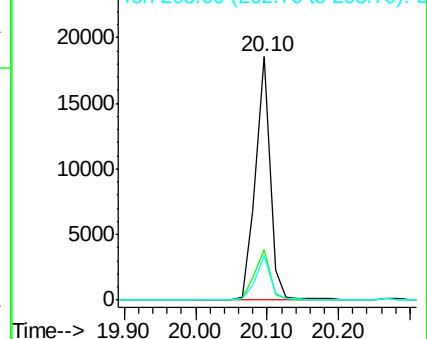
203 17.5 13.8 20.8

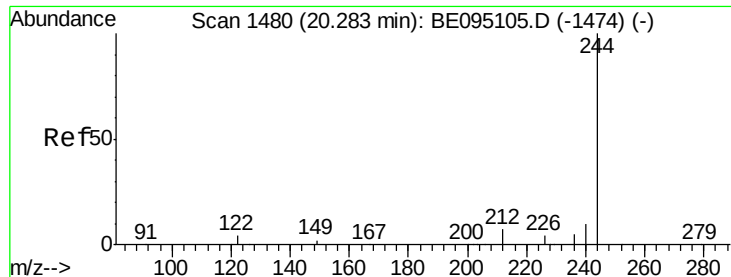


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.408 ng

RT: 20.28 min Scan# 1480

Delta R.T. 0.00 min

Lab File: BE095117.D

Acq: 25 Jan 2018 16:15

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

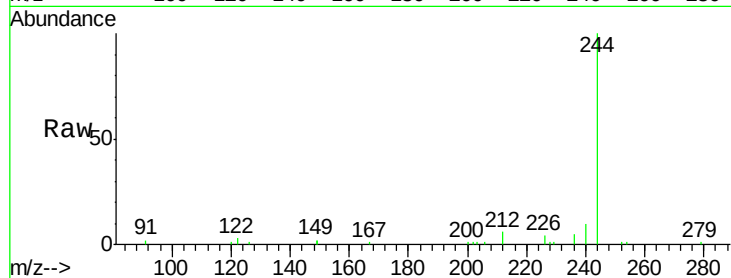
Tgt Ion:244 Resp: 14497

Ion Ratio Lower Upper

244 100

212 5.7 25.4 38.0#

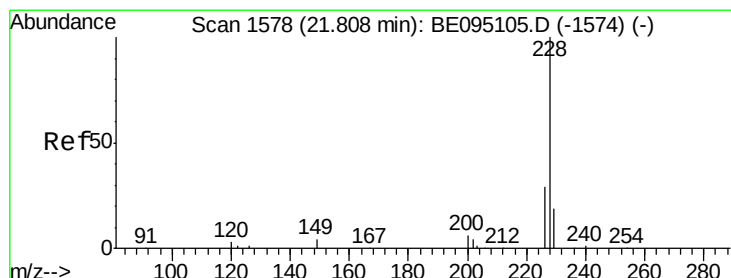
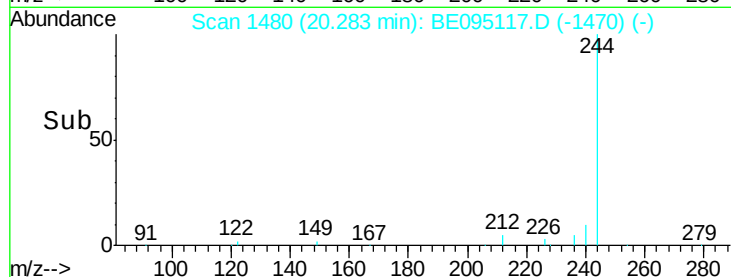
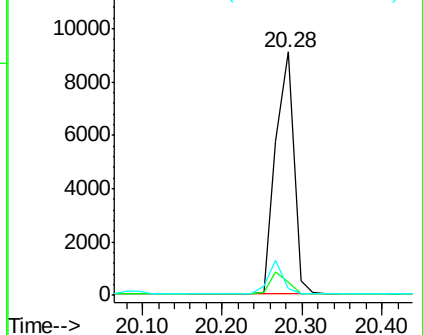
122 2.7 8.1 12.1#



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: 0.410 ng

RT: 21.81 min Scan# 1578

Delta R.T. -0.01 min

Lab File: BE095117.D

Acq: 25 Jan 2018 16:15

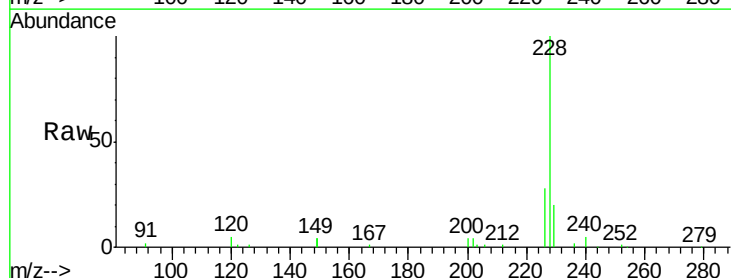
Tgt Ion:228 Resp: 22273

Ion Ratio Lower Upper

228 100

226 27.8 24.0 36.0

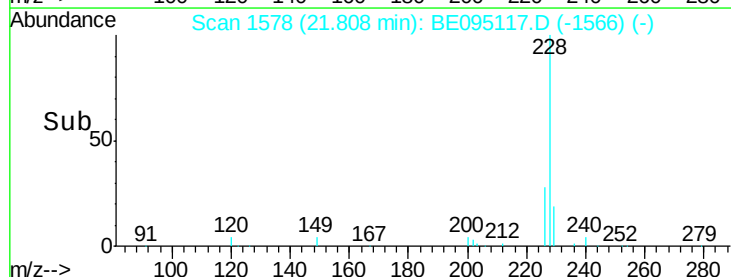
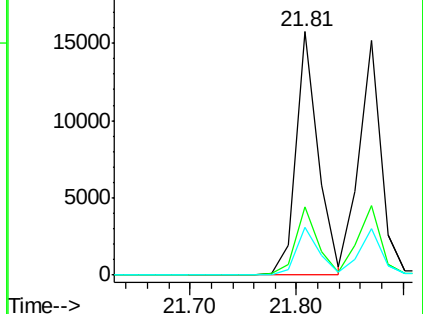
229 19.7 16.0 24.0

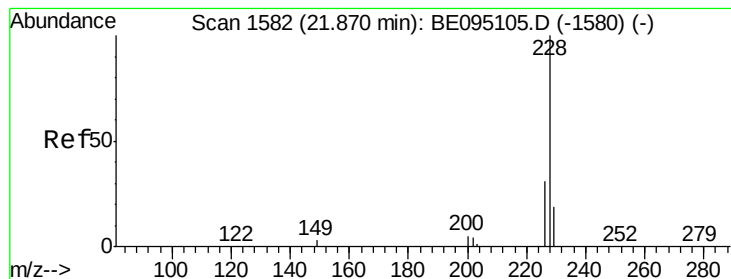


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.390 ng

RT: 21.87 min Scan# 1582

Delta R.T. 0.00 min

Lab File: BE095117.D

Acq: 25 Jan 2018 16:15

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

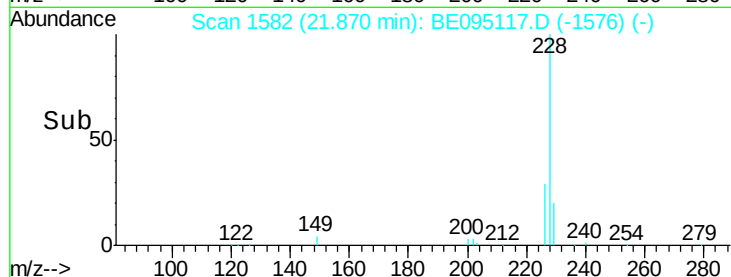
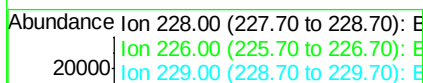
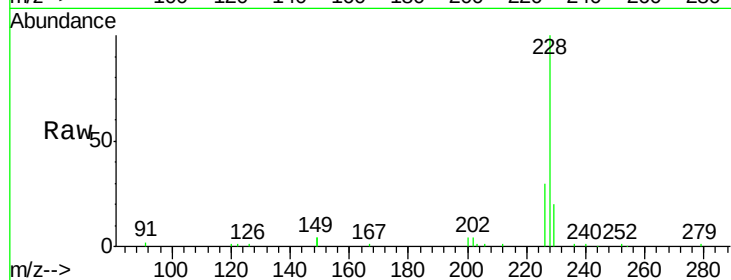
Tgt Ion:228 Resp: 21374

Ion Ratio Lower Upper

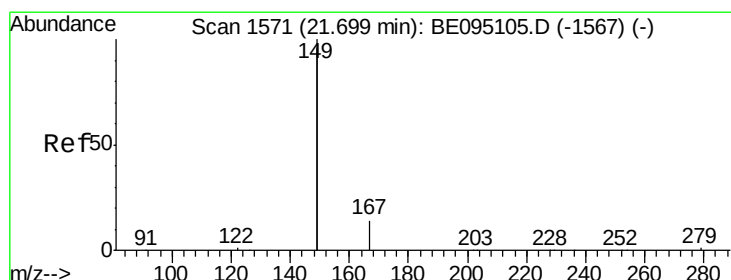
228 100

226 29.8 24.0 36.0

229 20.1 16.0 24.0



Time-->



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.572 ng

RT: 21.68 min Scan# 1570

Delta R.T. -0.01 min

Lab File: BE095117.D

Acq: 25 Jan 2018 16:15

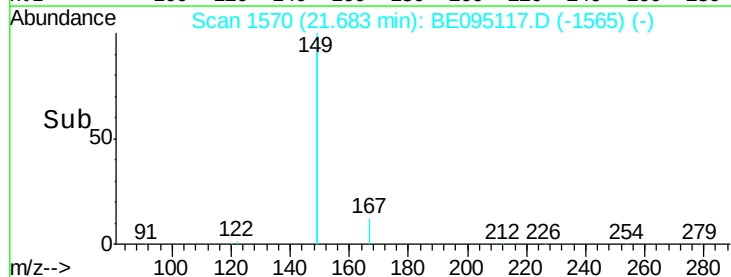
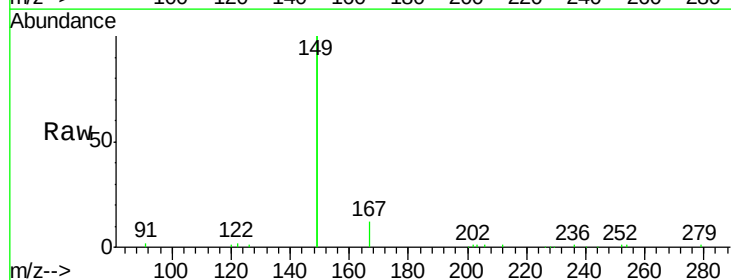
Tgt Ion:149 Resp: 43207

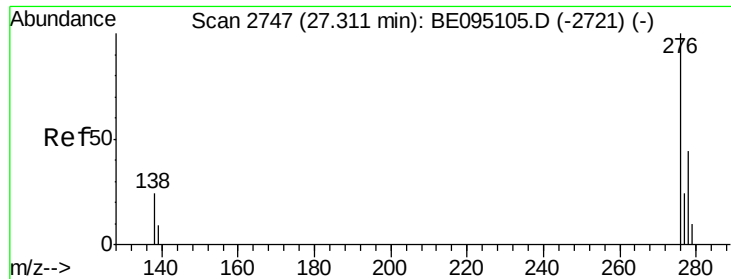
Ion Ratio Lower Upper

149 100

167 6.7 5.4 8.0

279 0.8 0.7 1.1





#33

Indeno(1,2,3-cd)pyrene

Concen: 0.437 ng

RT: 27.30 min Scan# 2744

Delta R.T. -0.02 min

Lab File: BE095117.D

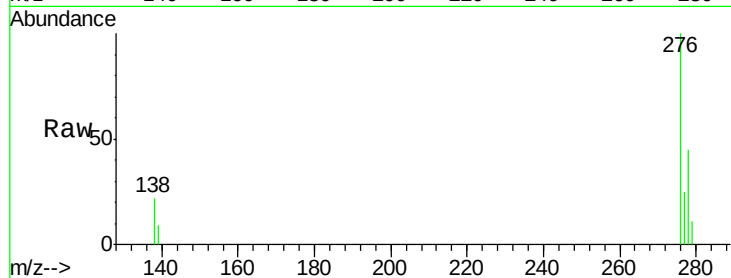
Acq: 25 Jan 2018 16:15

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC



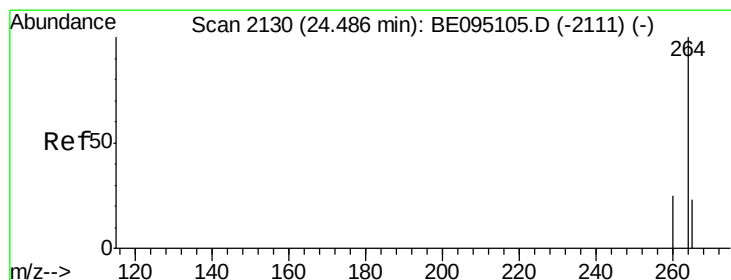
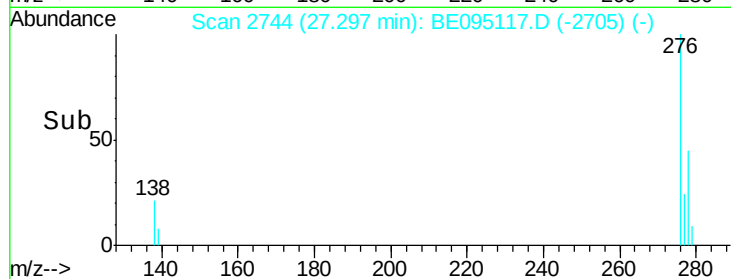
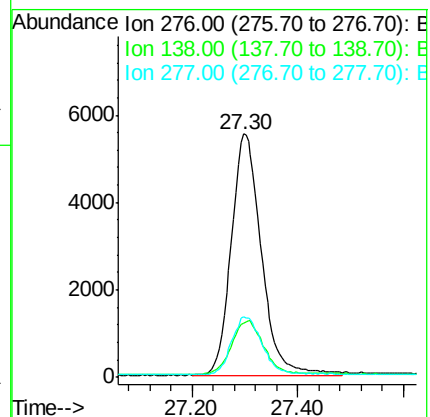
Tgt Ion:276 Resp: 21823

Ion Ratio Lower Upper

276 100

138 23.4 22.5 33.7

277 24.5 19.9 29.9



#34

Perylene-d12

Concen: 0.400 ng

RT: 24.48 min Scan# 2128

Delta R.T. -0.01 min

Lab File: BE095117.D

Acq: 25 Jan 2018 16:15

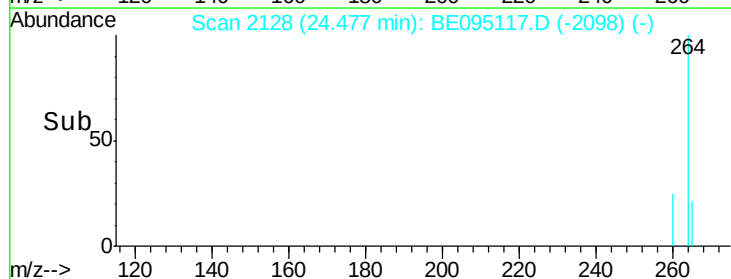
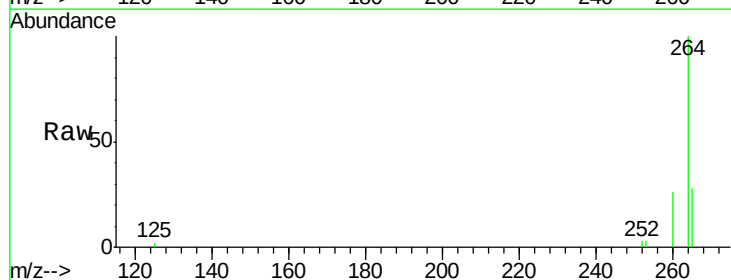
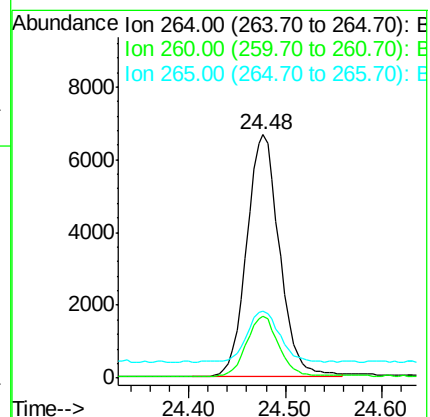
Tgt Ion:264 Resp: 15549

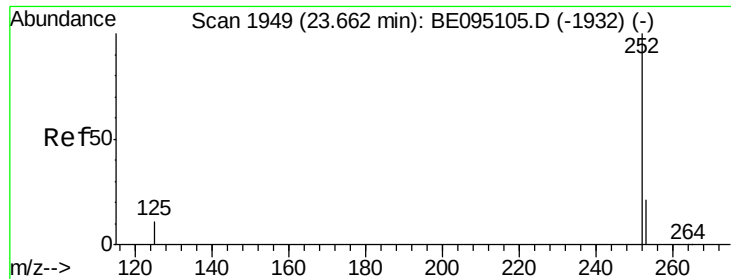
Ion Ratio Lower Upper

264 100

260 25.6 20.5 30.7

265 27.6 22.8 34.2





#35

Benzo(b)fluoranthene

Concen: 0.379 ng

RT: 23.65 min Scan# 1947

Delta R.T. -0.01 min

Lab File: BE095117.D

Acq: 25 Jan 2018 16:15

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

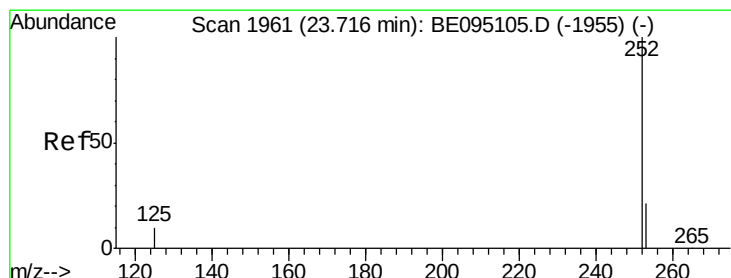
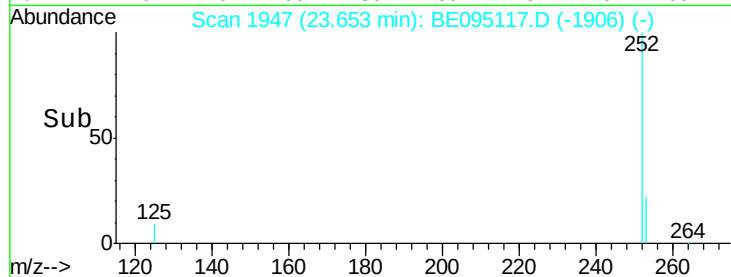
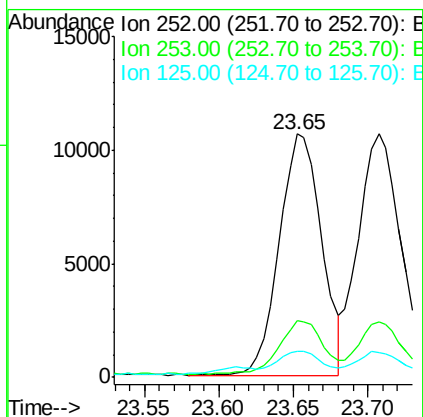
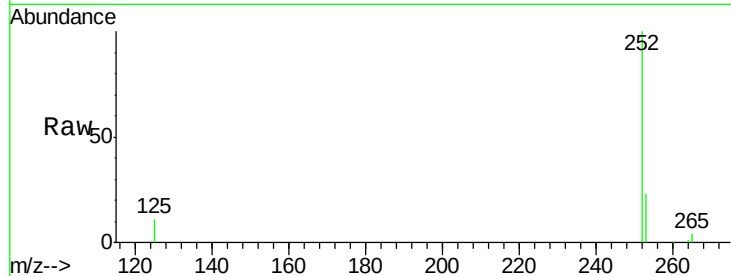
Tgt Ion:252 Resp: 20920

Ion Ratio Lower Upper

252 100

253 23.2 20.0 30.0

125 10.6 16.0 24.0#



#36

Benzo(k)fluoranthene

Concen: 0.381 ng

RT: 23.71 min Scan# 1959

Delta R.T. -0.01 min

Lab File: BE095117.D

Acq: 25 Jan 2018 16:15

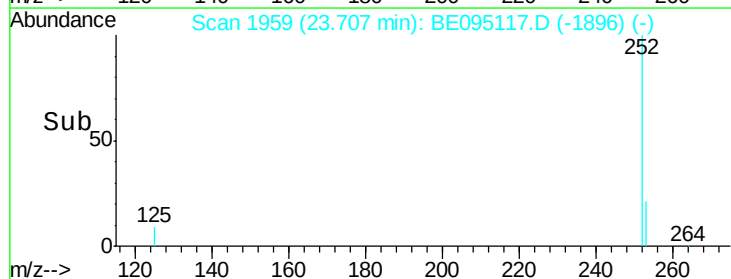
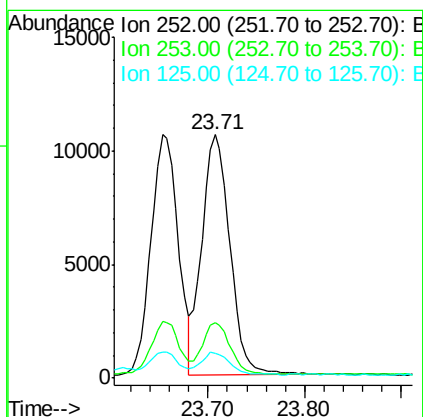
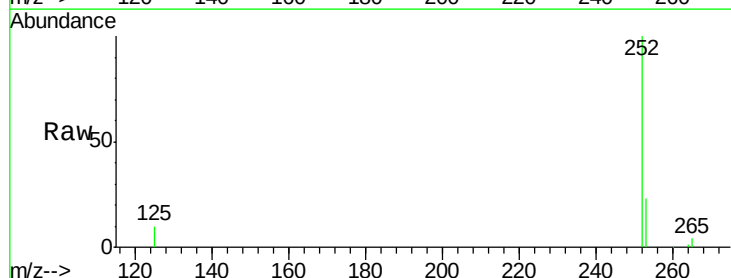
Tgt Ion:252 Resp: 21494

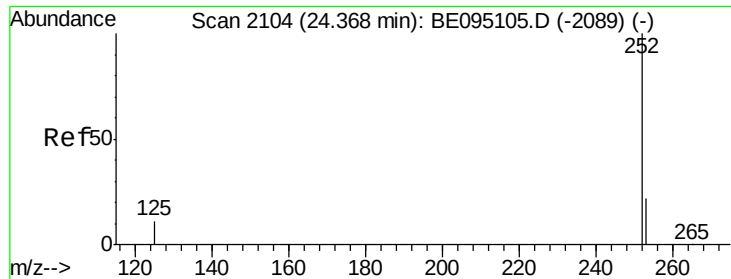
Ion Ratio Lower Upper

252 100

253 22.7 16.0 24.0

125 10.4 8.0 12.0





#37

Benzo(a)pyrene

Concen: 0.389 ng

RT: 24.35 min Scan# 2101

Delta R.T. -0.02 min

Lab File: BE095117.D

Acq: 25 Jan 2018 16:15

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

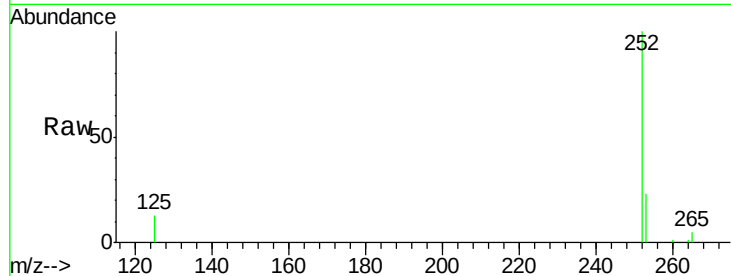
Tgt Ion:252 Resp: 19656

Ion Ratio Lower Upper

252 100

253 23.4 16.0 24.0

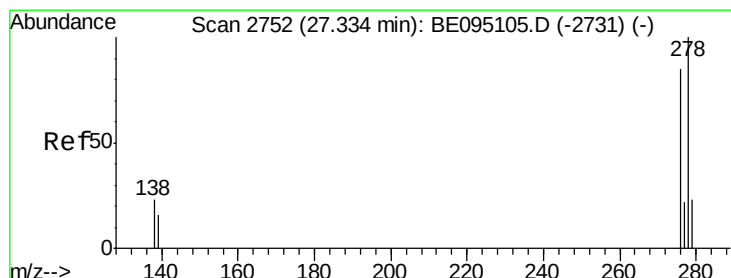
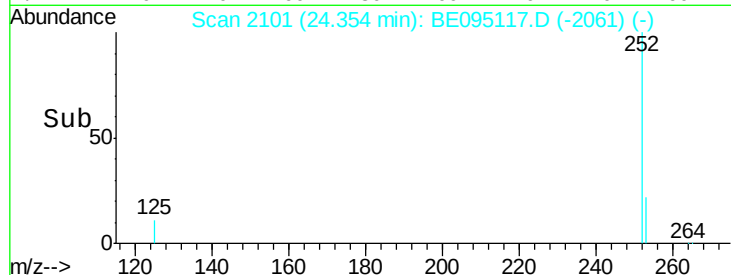
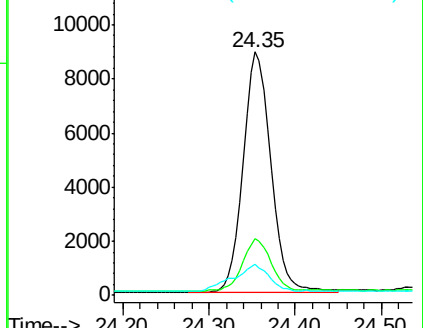
125 12.6 12.0 18.0



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: 0.412 ng

RT: 27.32 min Scan# 2750

Delta R.T. -0.02 min

Lab File: BE095117.D

Acq: 25 Jan 2018 16:15

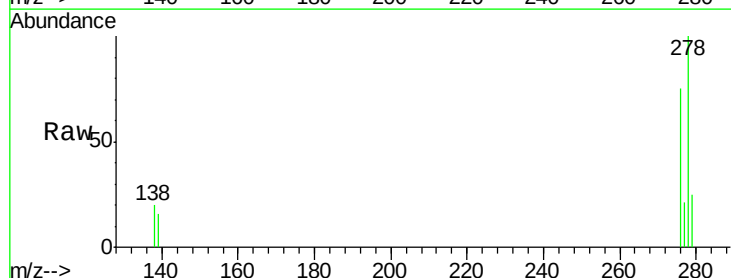
Tgt Ion:278 Resp: 17562

Ion Ratio Lower Upper

278 100

139 16.0 16.0 24.0#

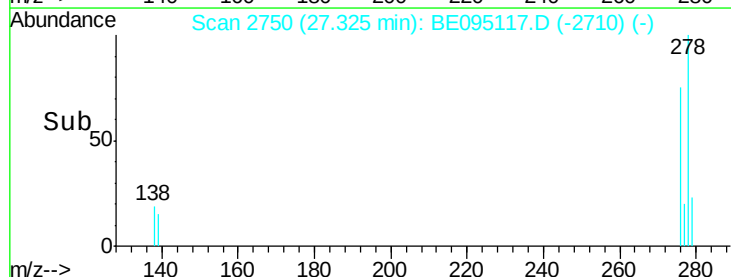
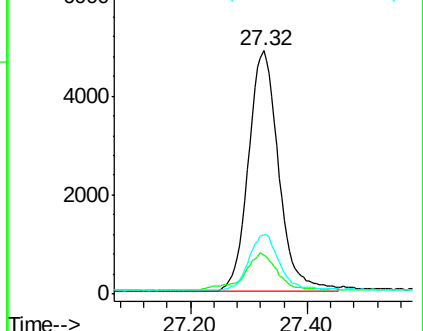
279 24.6 20.0 30.0

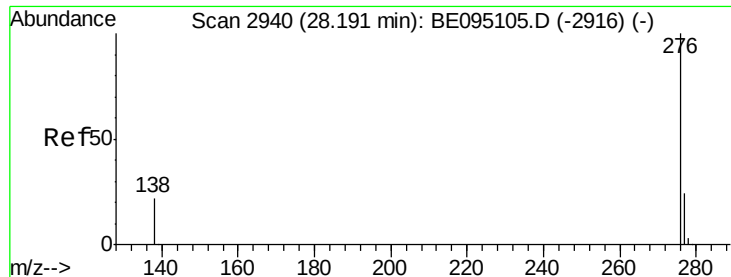


Abundance Ion 278.00 (277.70 to 278.70): E

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: 0.392 ng

RT: 28.18 min Scan# 2937

Delta R.T. -0.02 min

Lab File: BE095117.D

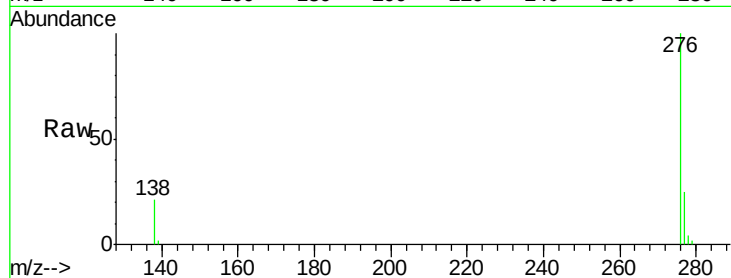
Acq: 25 Jan 2018 16:15

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC



Tgt Ion: 276 Resp: 18071

Ion Ratio Lower Upper

276 100

277 24.7 16.0 24.0#

138 20.9 20.0 30.0

