

Data Path : Z:\HPCHEM1\BNA E\DATA\BE012318\
 Data File : BE095099.D
 Acq On : 23 Jan 2018 16:14
 Operator : SJ/JU
 Sample : PB105797BSD
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Jan 24 01:09:25 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	7111	0.40	ng	0.00
7) Naphthalene-d8	11.31	136	14596	0.40	ng	0.00
13) Acenaphthene-d10	15.03	164	7044	0.40	ng	0.00
19) Phenanthrene-d10	17.74	188	15845	0.40	ng	0.00
27) Chrysene-d12	21.84	240	16449	0.40	ng	0.00
34) Perylene-d12	24.49	264	13412	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.94	112	2724	0.24	ng	0.00
5) Phenol-d6	7.58	99	3815	0.22	ng	0.00
8) Nitrobenzene-d5	9.63	82	3768	0.28	ng	0.00
11) 2-Methylnaphthalene-d10	12.83	152	6379	0.26	ng	0.00
14) 2,4,6-Tribromophenol	16.50	330	366	0.25	ng	0.00
15) 2-Fluorobiphenyl	13.68	172	10304	0.33	ng	0.00
25) Fluoranthene-d10	19.72	212	55277	0.28	ng	0.00
29) Terphenyl-d14	20.28	244	10717	0.32	ng	0.00

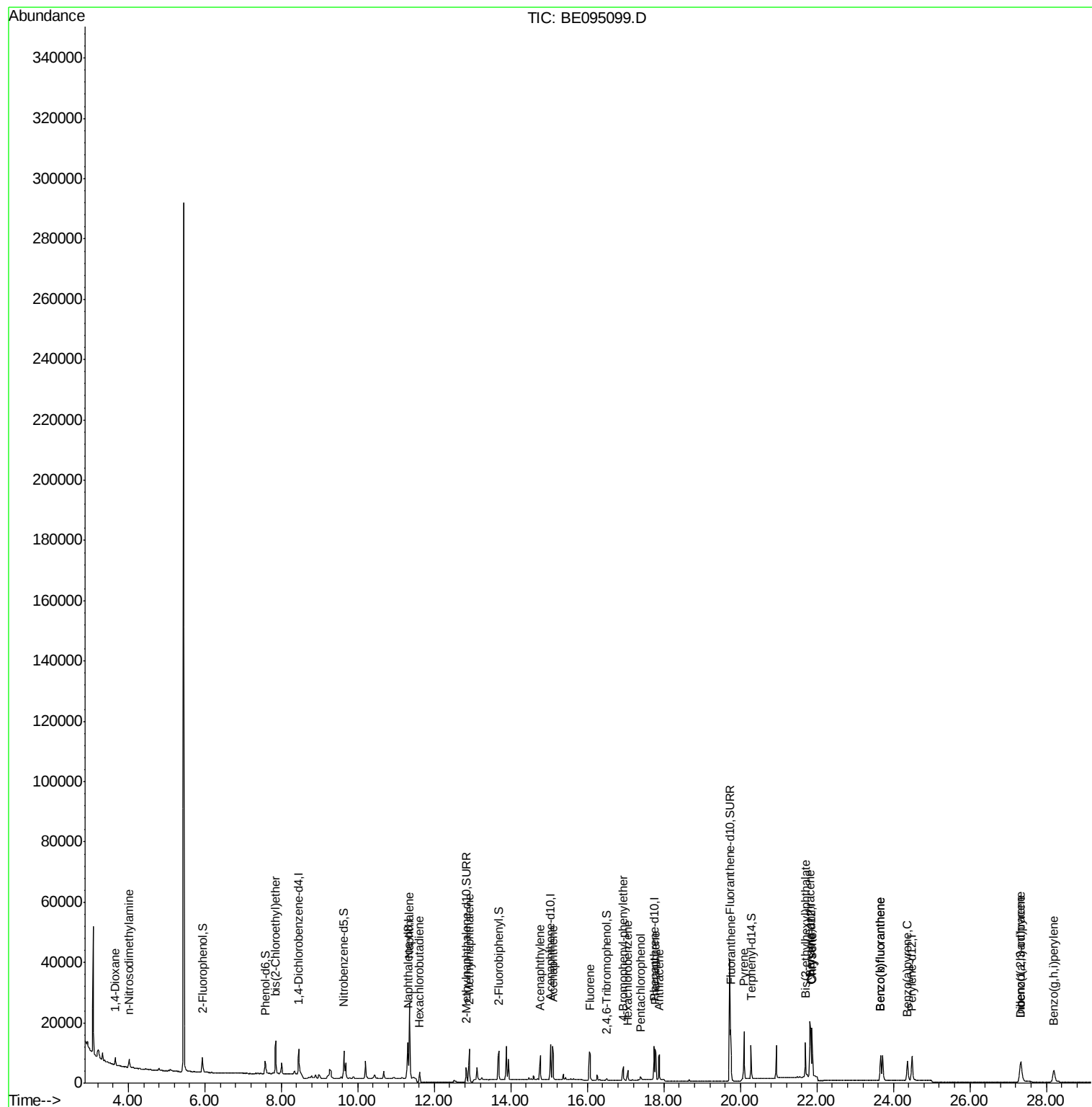
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.66	88	1598	0.228	ng	# 29
3) n-Nitrosodimethylamine	4.01	42	1971	0.236	ng	98
6) bis(2-Chloroethyl)ether	7.85	93	4087	0.251	ng	93
9) Naphthalene	11.34	128	46126	0.276	ng	100
10) Hexachlorobutadiene	11.61	225	2144	0.286	ng	97
12) 2-Methylnaphthalene	12.91	142	7488	0.262	ng	99
16) Acenaphthylene	14.77	152	9484	0.251	ng	99
17) Acenaphthene	15.09	154	6366	0.260	ng	95
18) Fluorene	16.07	166	7706	0.251	ng	# 79
20) 4-Bromophenyl-phenylether	16.94	248	2553	0.274	ng	# 74
21) Hexachlorobenzene	17.06	284	2543	0.272	ng	# 82
22) Pentachlorophenol	17.39	266	815	0.437	ng	# 78
23) Phenanthrene	17.77	178	13247	0.271	ng	99
24) Anthracene	17.88	178	11442	0.262	ng	96
26) Fluoranthene	19.75	202	15938	0.271	ng	98
28) Pyrene	20.10	202	17243	0.248	ng	95
30) Benzo(a)anthracene	21.82	228	13313	0.259	ng	95
31) Chrysene	21.87	228	14925	0.287	ng	97
32) Bis(2-ethylhexyl)phthalate	21.70	149	14085	0.197	ng	100
33) Indeno(1,2,3-cd)pyrene	27.32	276	12036	0.254	ng	97
35) Benzo(b)fluoranthene	23.66	252	12934	0.272	ng	# 90
36) Benzo(k)fluoranthene	23.66	252	12934	0.266	ng	93
37) Benzo(a)pyrene	24.37	252	11504	0.264	ng	94
38) Dibenzo(a,h)anthracene	27.34	278	9085	0.247	ng	97
39) Benzo(g,h,i)perylene	28.20	276	11052	0.278	ng	# 93

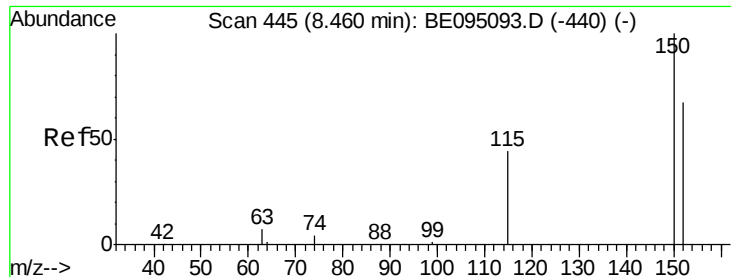
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA E\DATA\BE012318\
Data File : BE095099.D
Acq On : 23 Jan 2018 16:14
Operator : SJ/JU
Sample : PB105797BSD
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :

Quant Time: Jan 24 01:09:25 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



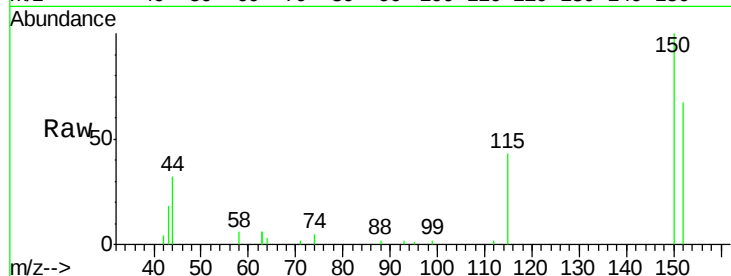


#1

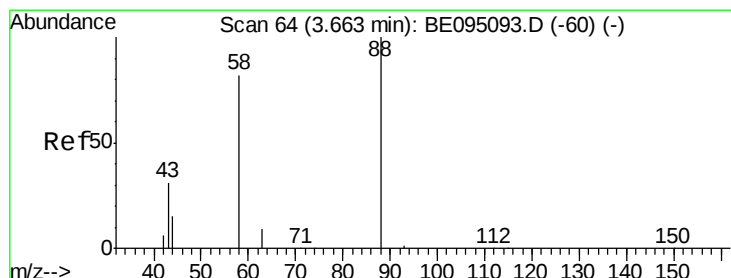
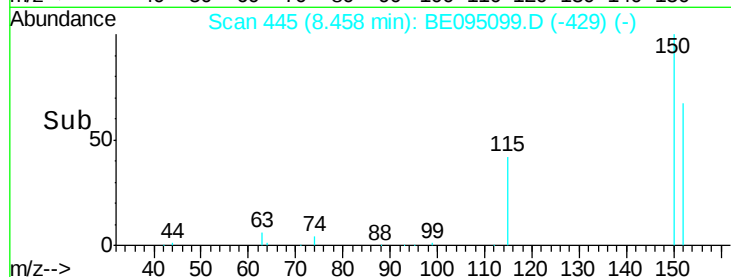
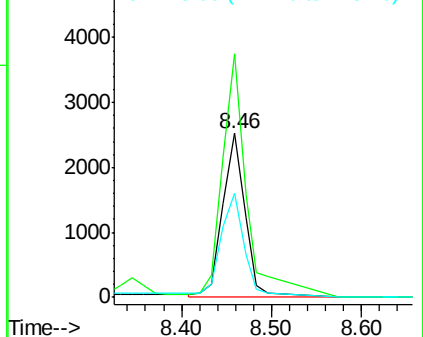
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.46 min Scan# 445
Delta R.T. -0.00 min
Lab File: BE095099.D
Acq: 23 Jan 2018 16:14

Instrument :
BNA_E
ClientSampleId :

Tot Ion:152 Resp: 7111
Ion Ratio Lower Upper
152 100
150 148.4 117.2 175.8
115 63.3 57.0 85.6



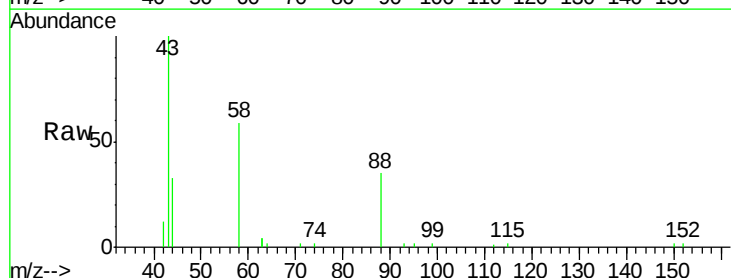
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



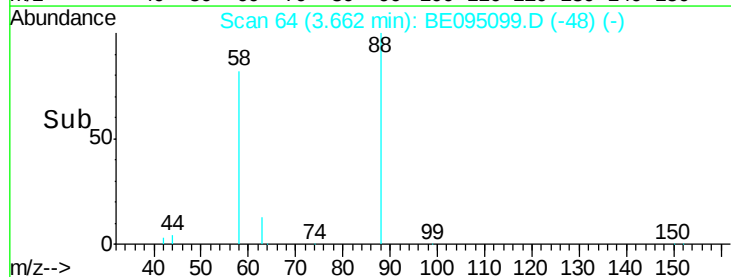
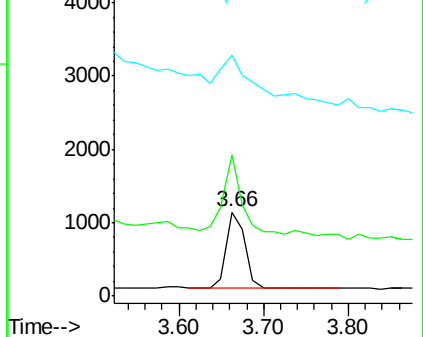
#2

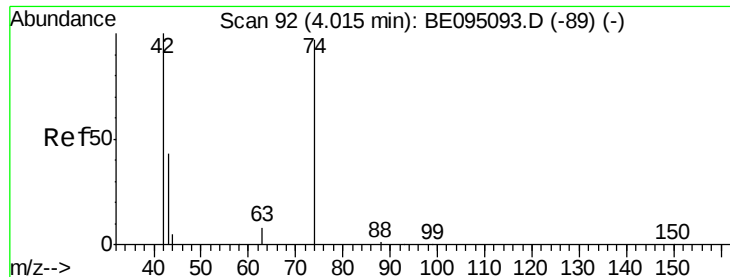
1,4-Dioxane
Concen: 0.228 ng
RT: 3.66 min Scan# 64
Delta R.T. -0.00 min
Lab File: BE095099.D
Acq: 23 Jan 2018 16:14

Tgt Ion: 88 Resp: 1598
Ion Ratio Lower Upper
88 100
58 100.6 63.2 94.8#
43 151.4 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



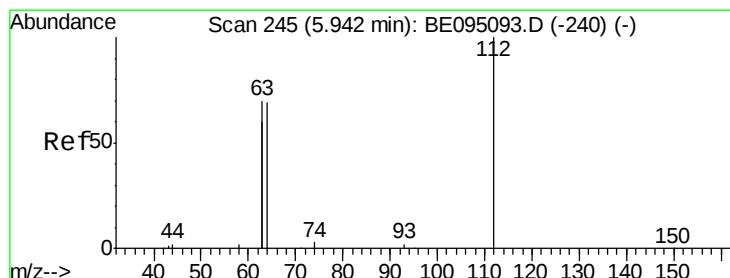
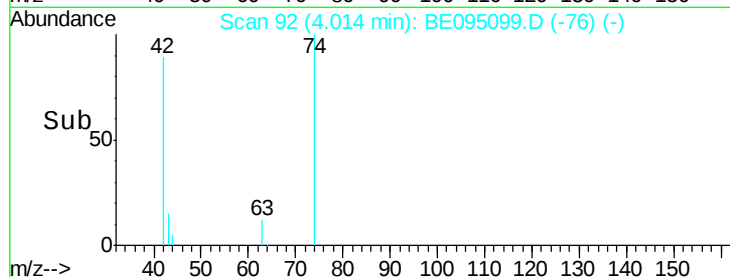
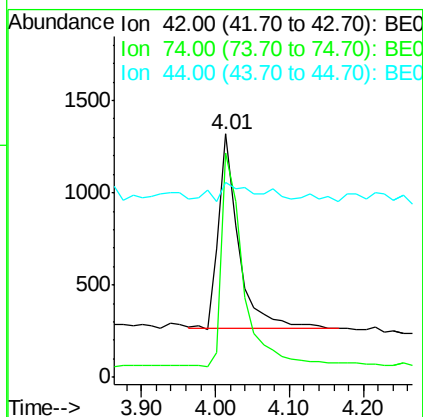
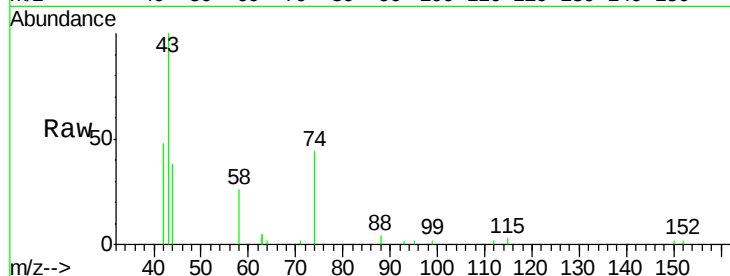


#3

n-Nitrosodimethylamine
 Concen: 0.236 ng
 RT: 4.01 min Scan# 92
 Delta R.T. -0.00 min
 Lab File: BE095099.D
 Acq: 23 Jan 2018 16:14

Instrument :
 BNA_E
 ClientSampleId :

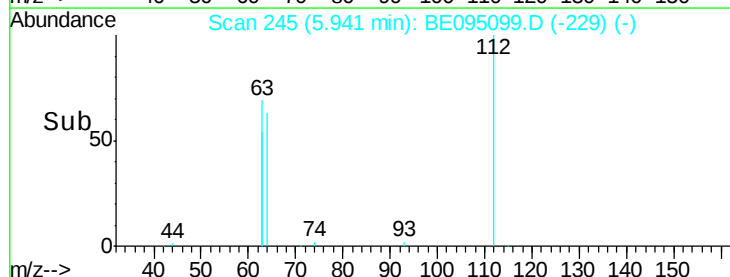
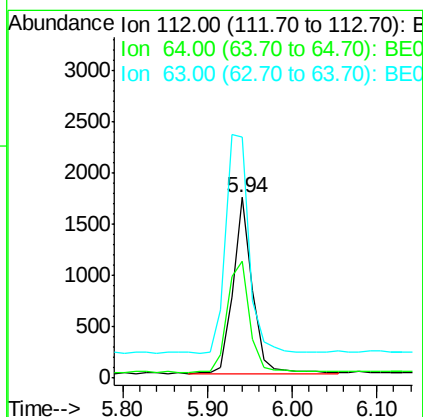
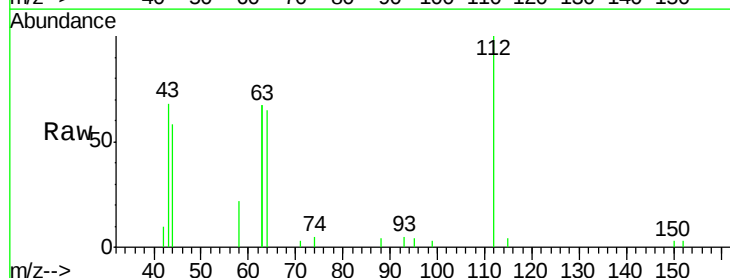
Tot Ion: 42 Resp: 1971
 Ion Ratio Lower Upper
 42 100
 74 117.8 96.0 144.0
 44 17.1 12.0 18.0

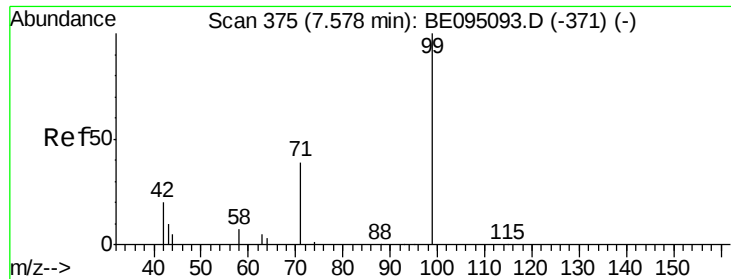


#4

2-Fluorophenol
 Concen: 0.237 ng
 RT: 5.94 min Scan# 245
 Delta R.T. -0.00 min
 Lab File: BE095099.D
 Acq: 23 Jan 2018 16:14

Tgt Ion: 112 Resp: 2724
 Ion Ratio Lower Upper
 112 100
 64 74.5 60.1 90.1
 63 150.3 116.8 175.2





#5

Phenol-d6

Concen: 0.219 ng

RT: 7.58 min Scan# 375

Delta R.T. -0.00 min

Lab File: BE095099.D

Acq: 23 Jan 2018 16:14

Instrument :

BNA_E

ClientSampled :

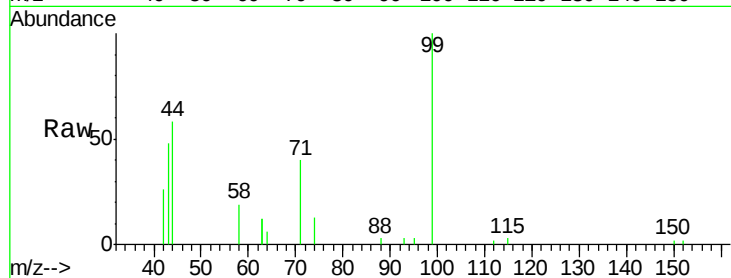
Tot Ion: 99 Resp: 3815

Ion Ratio Lower Upper

99 100

42 23.1 20.2 30.2

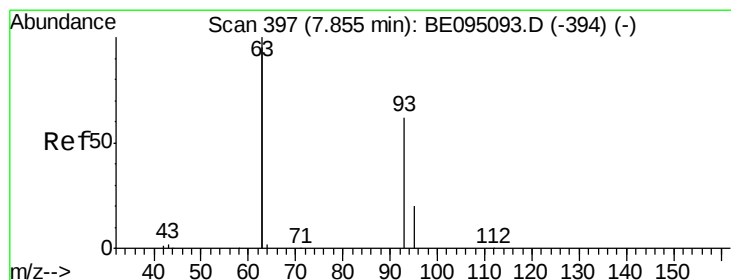
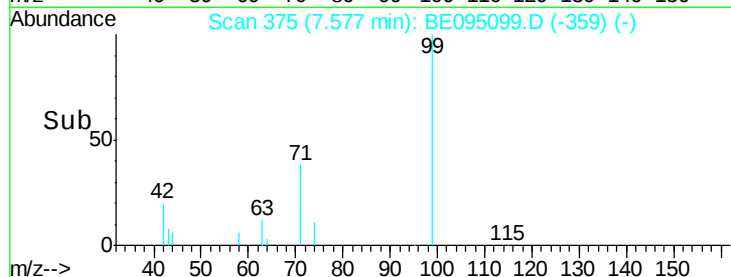
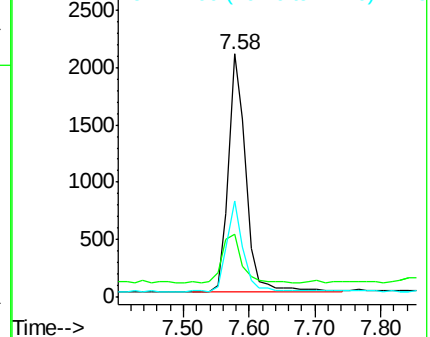
71 35.3 28.4 42.6



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: 0.251 ng

RT: 7.85 min Scan# 397

Delta R.T. -0.00 min

Lab File: BE095099.D

Acq: 23 Jan 2018 16:14

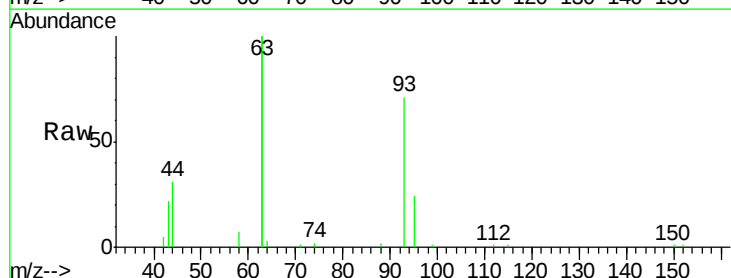
Tgt Ion: 93 Resp: 4087

Ion Ratio Lower Upper

93 100

63 327.3 275.3 412.9

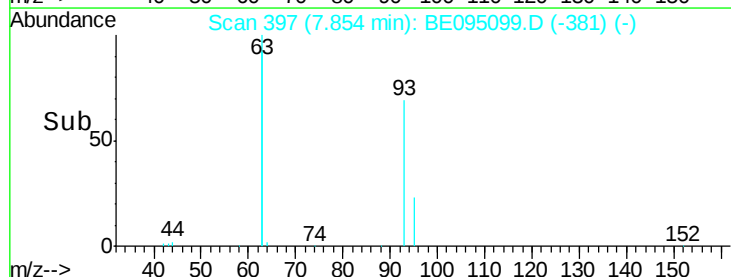
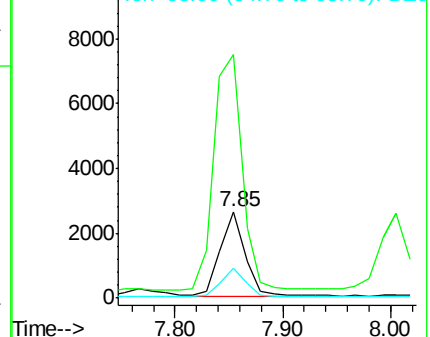
95 32.5 25.2 37.8

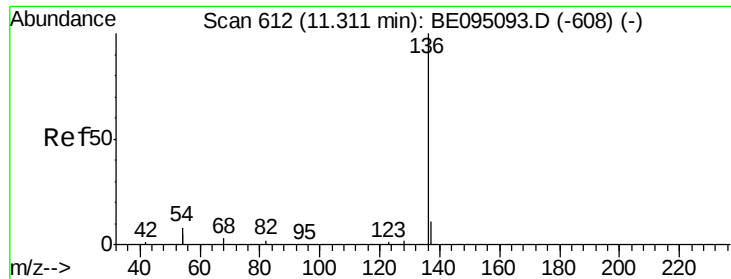


Abundance Ion 93.00 (92.70 to 93.70): BE0

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: BE095099.D

Acq: 23 Jan 2018 16:14

Instrument :

BNA_E

ClientSampleId :

Tot Ion:136 Resp: 14596

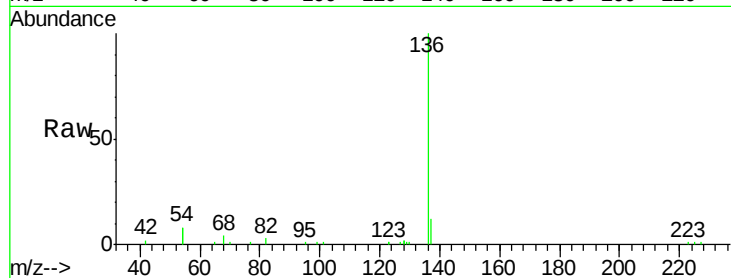
Ion Ratio Lower Upper

136 100

137 11.8 9.5 14.3

54 15.2 29.1 43.7#

68 4.0 6.2 9.2#

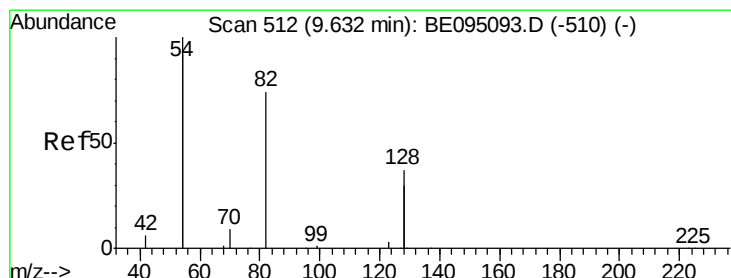
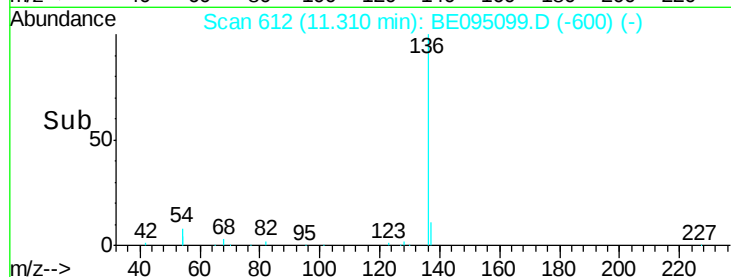
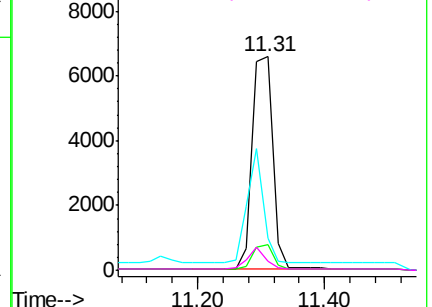


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.284 ng

RT: 9.63 min Scan# 512

Delta R.T. -0.00 min

Lab File: BE095099.D

Acq: 23 Jan 2018 16:14

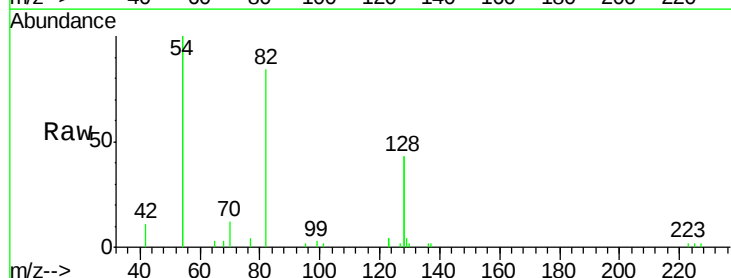
Tgt Ion: 82 Resp: 3768

Ion Ratio Lower Upper

82 100

128 103.7 150.0 225.0#

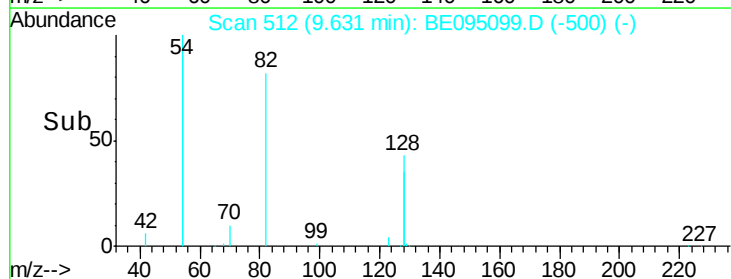
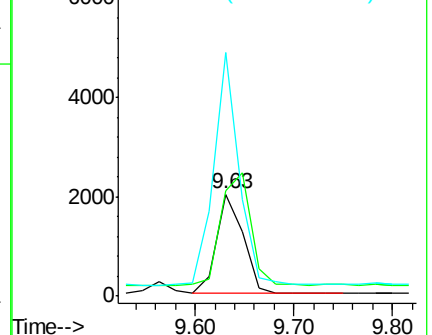
54 238.4 154.2 231.4#

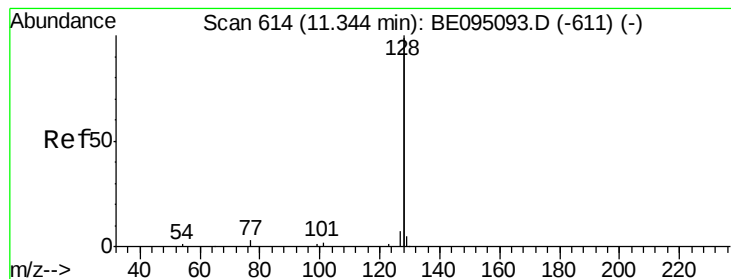


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.276 ng

RT: 11.34 min Scan# 614

Delta R.T. -0.00 min

Lab File: BE095099.D

Acq: 23 Jan 2018 16:14

Instrument :

BNA_E

ClientSampleId :

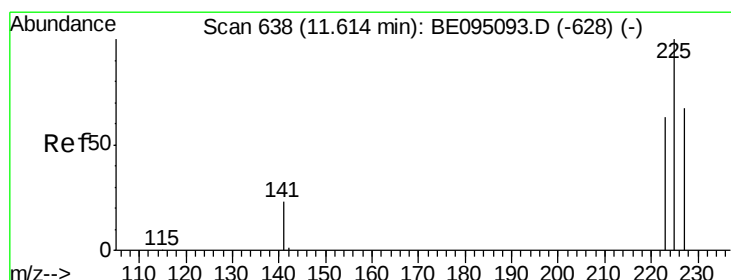
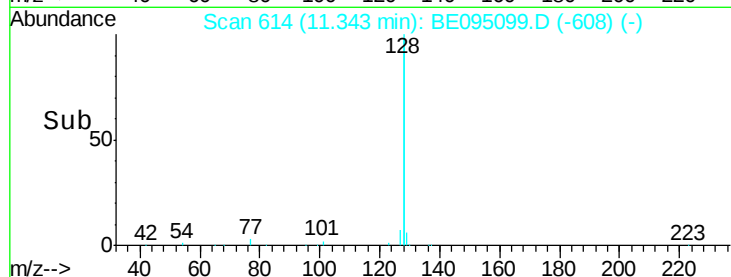
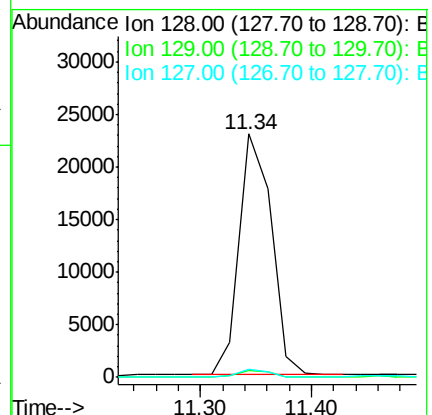
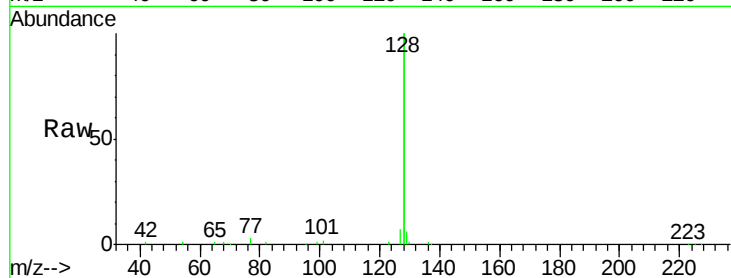
Tot Ion:128 Resp: 46126

Ion Ratio Lower Upper

128 100

129 3.0 2.6 3.8

127 3.5 2.8 4.2



#10

Hexachlorobutadiene

Concen: 0.286 ng

RT: 11.61 min Scan# 637

Delta R.T. -0.01 min

Lab File: BE095099.D

Acq: 23 Jan 2018 16:14

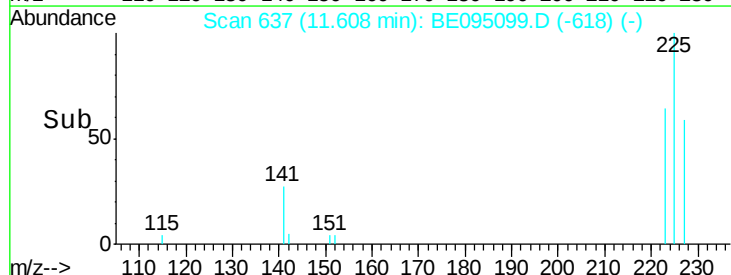
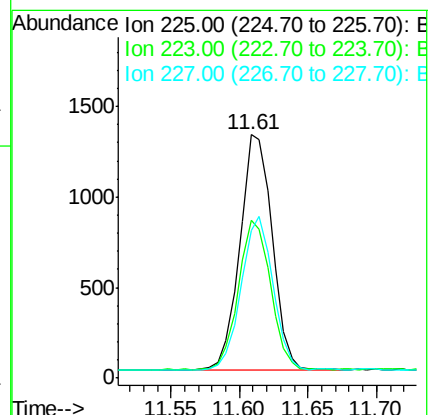
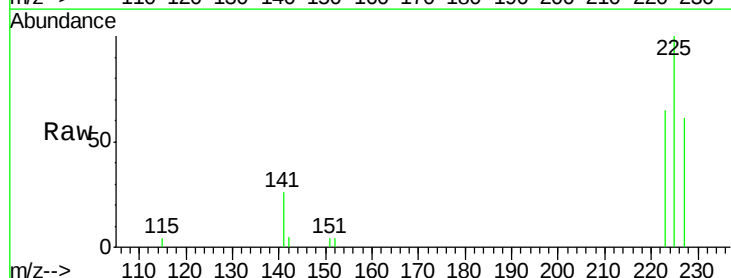
Tgt Ion:225 Resp: 2144

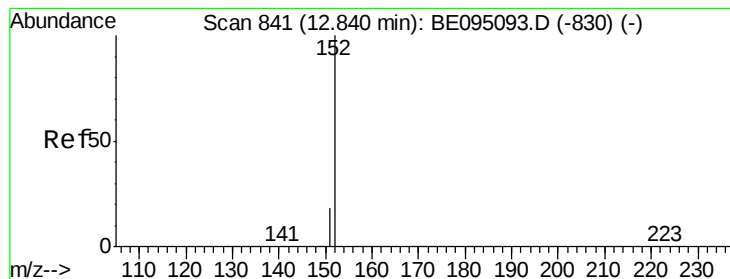
Ion Ratio Lower Upper

225 100

223 62.7 53.0 79.6

227 63.9 51.4 77.2





#11

2-Methylnaphthalene-d10

Concen: 0.263 ng

RT: 12.83 min Scan# 840

Delta R.T. -0.01 min

Lab File: BE095099.D

Acq: 23 Jan 2018 16:14

Instrument :

BNA_E

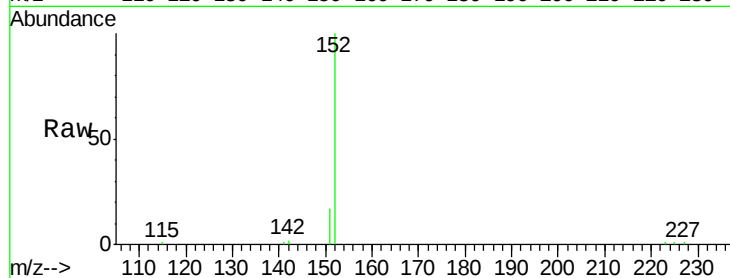
ClientSampleId :

Tot Ion:152 Resp: 6379

Ion Ratio Lower Upper

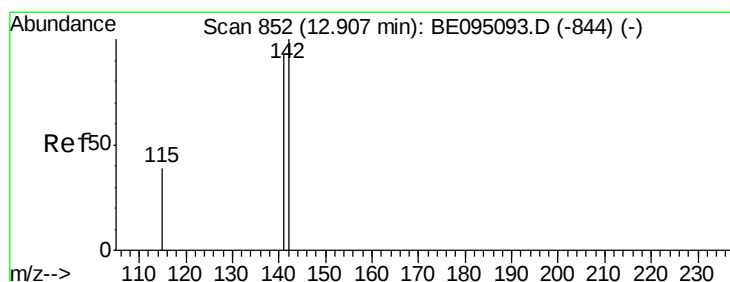
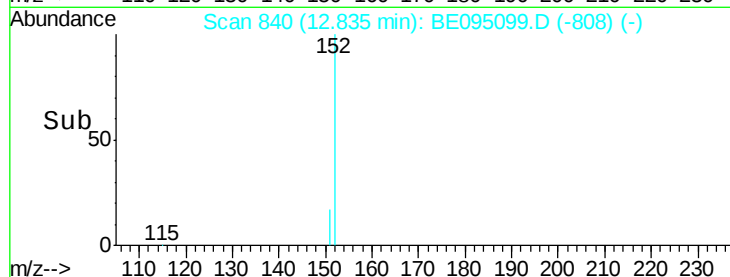
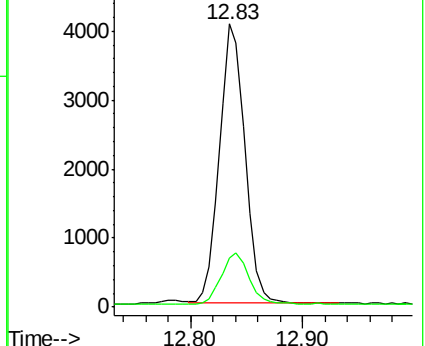
152 100

151 19.6 15.4 23.0



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E



#12

2-Methylnaphthalene

Concen: 0.262 ng

RT: 12.91 min Scan# 852

Delta R.T. 0.00 min

Lab File: BE095099.D

Acq: 23 Jan 2018 16:14

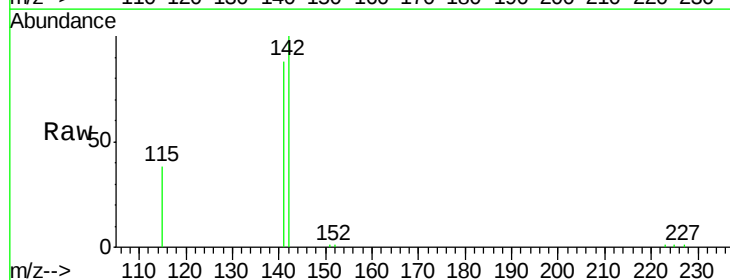
Tgt Ion:142 Resp: 7488

Ion Ratio Lower Upper

142 100

141 88.0 70.4 105.6

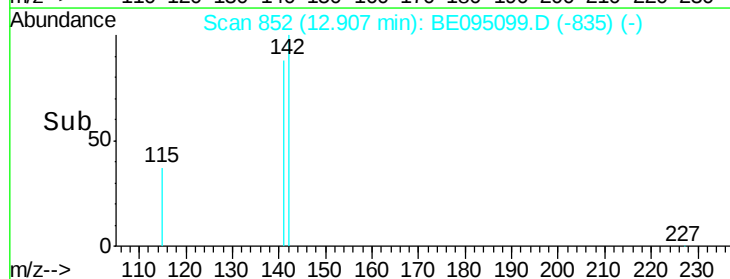
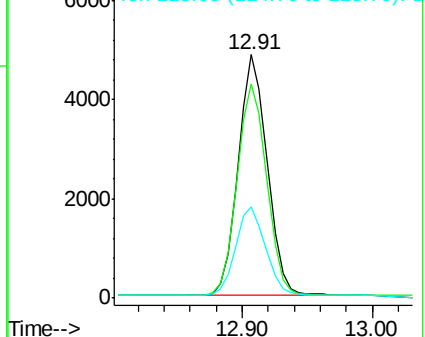
115 37.7 31.7 47.5

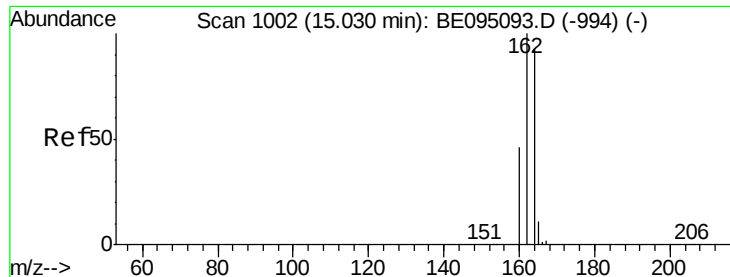


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 15.03 min Scan# 1002

Delta R.T. 0.00 min

Lab File: BE095099.D

Acq: 23 Jan 2018 16:14

Instrument :

BNA_E

ClientSampleId :

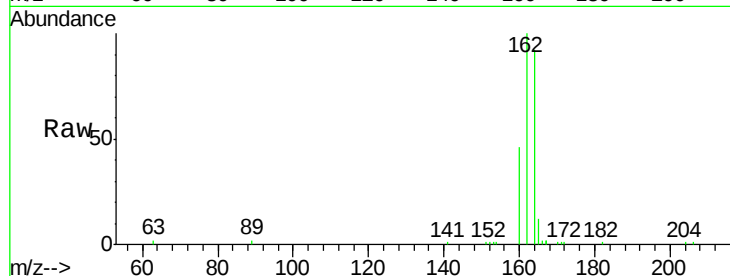
Tot Ion:164 Resp: 7044

Ion Ratio Lower Upper

164 100

162 109.0 83.1 124.7

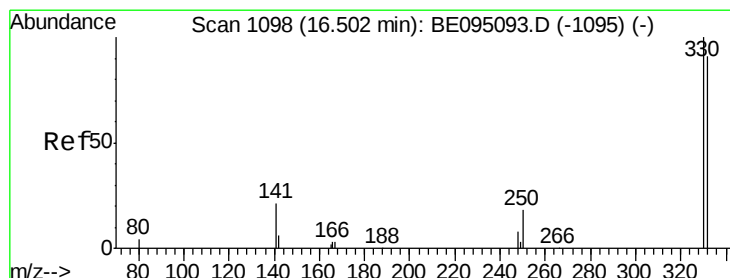
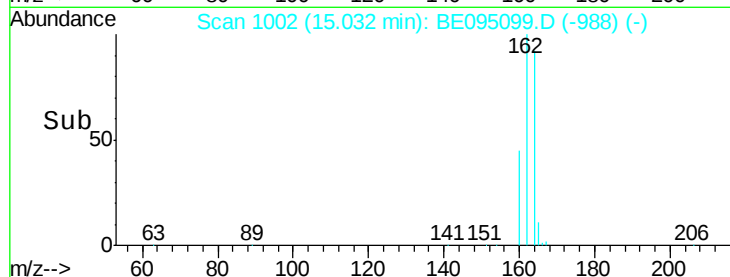
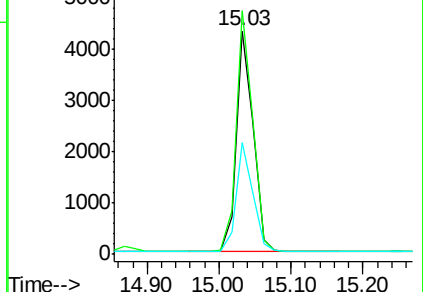
160 49.9 37.1 55.7



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: 0.250 ng

RT: 16.50 min Scan# 1098

Delta R.T. 0.00 min

Lab File: BE095099.D

Acq: 23 Jan 2018 16:14

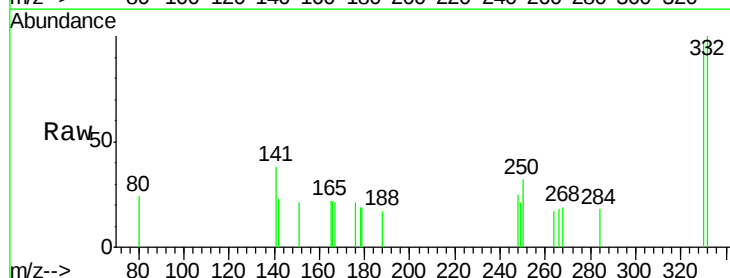
Tgt Ion:330 Resp: 366

Ion Ratio Lower Upper

330 100

332 107.1 152.7 229.1#

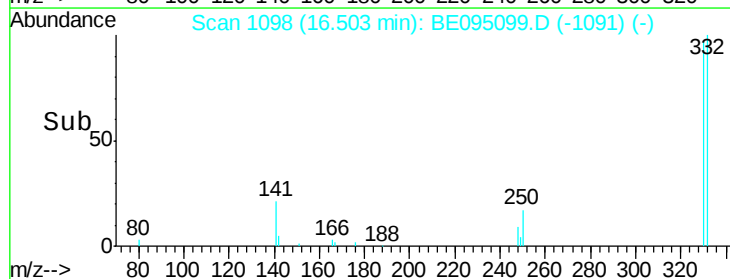
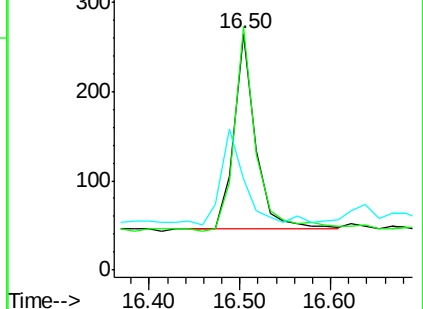
141 47.8 33.7 50.5

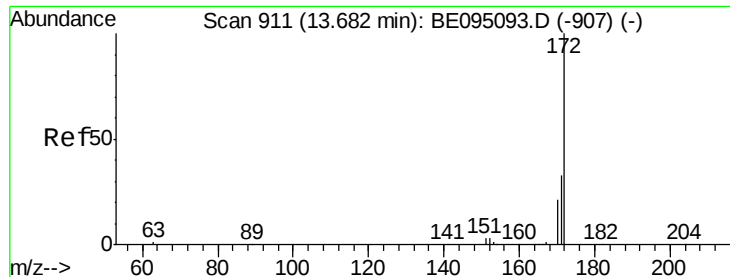


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

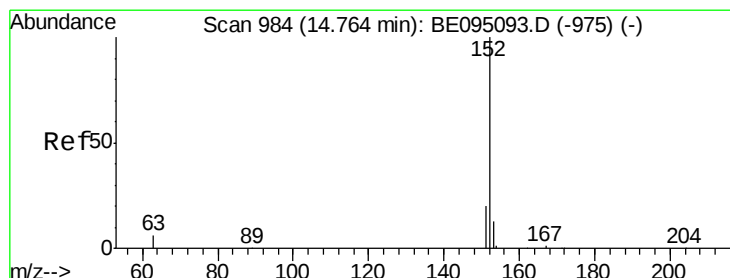
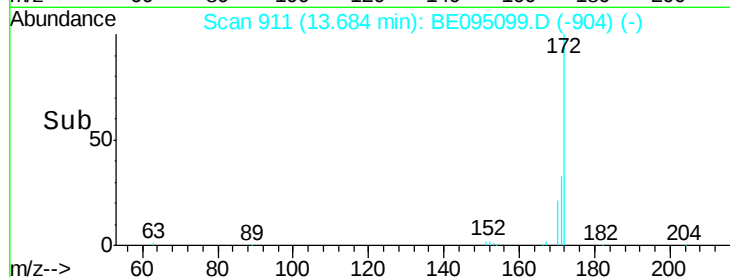
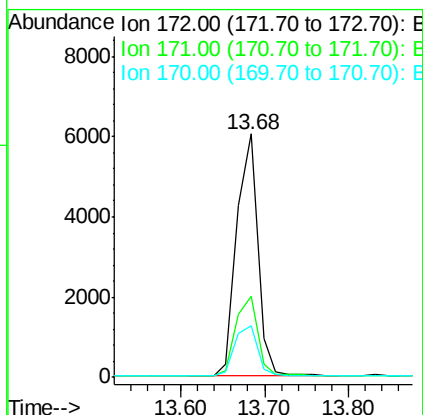
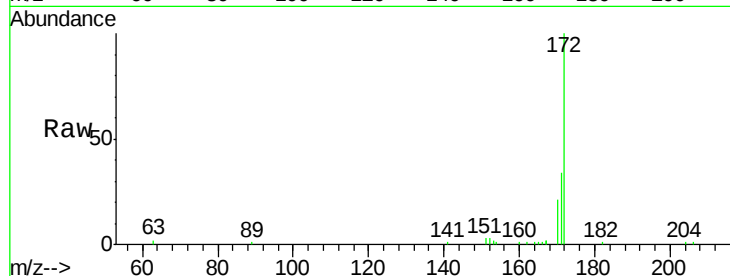




#15
2-Fluorobiphenyl
Concen: 0.333 ng
RT: 13.68 min Scan# 911
Delta R.T. 0.00 min
Lab File: BE095099.D
Acq: 23 Jan 2018 16:14

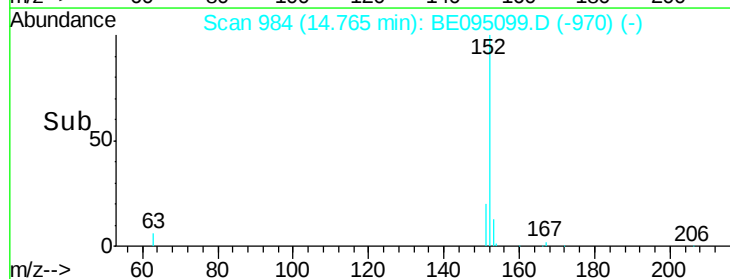
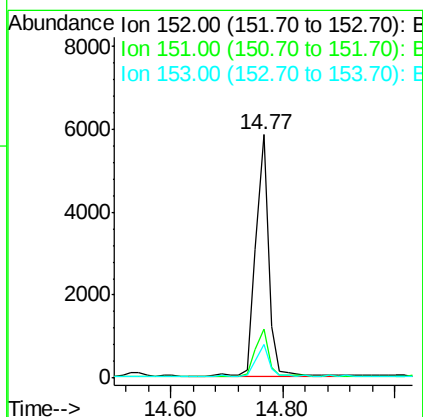
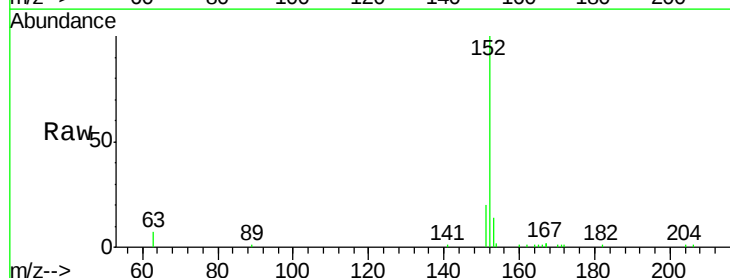
Instrument :
BNA_E
ClientSampleId :

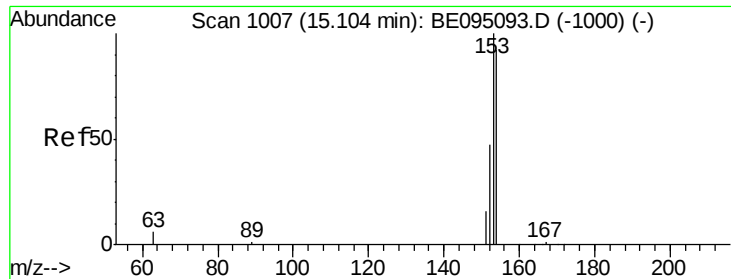
Tot Ion:172 Resp: 10304
Ion Ratio Lower Upper
172 100
171 33.5 29.9 44.9
170 21.4 21.8 32.8#



#16
Acenaphthylene
Concen: 0.251 ng
RT: 14.77 min Scan# 984
Delta R.T. 0.00 min
Lab File: BE095099.D
Acq: 23 Jan 2018 16:14

Tgt Ion:152 Resp: 9484
Ion Ratio Lower Upper
152 100
151 19.9 15.7 23.5
153 13.2 10.5 15.7





#17

Acenaphthene

Concen: 0.260 ng

RT: 15.09 min Scan# 1006

Delta R.T. -0.01 min

Lab File: BE095099.D

Acq: 23 Jan 2018 16:14

Instrument :

BNA_E

ClientSampled :

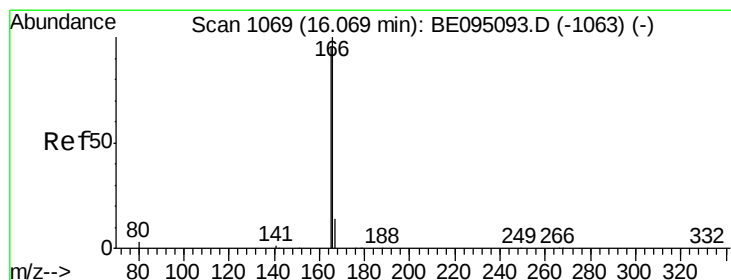
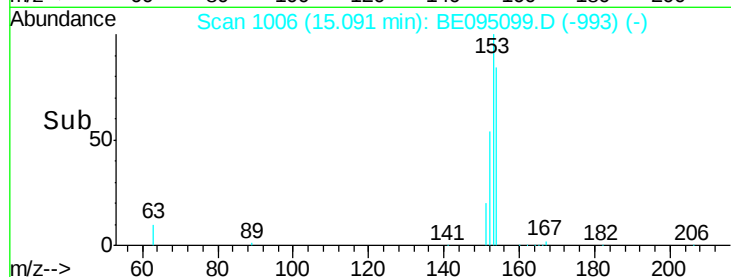
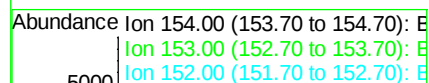
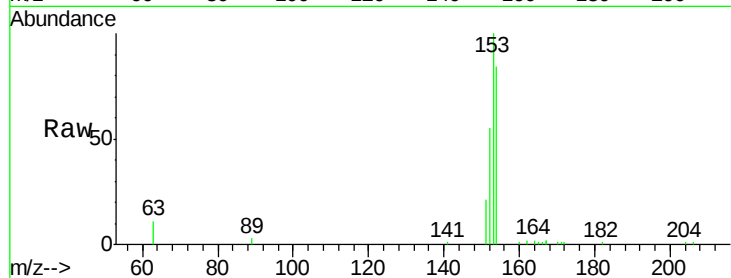
Tot Ion:154 Resp: 6366

Ion Ratio Lower Upper

154 100

153 114.0 89.2 133.8

152 59.8 42.0 63.0



#18

Fluorene

Concen: 0.251 ng

RT: 16.07 min Scan# 1069

Delta R.T. 0.00 min

Lab File: BE095099.D

Acq: 23 Jan 2018 16:14

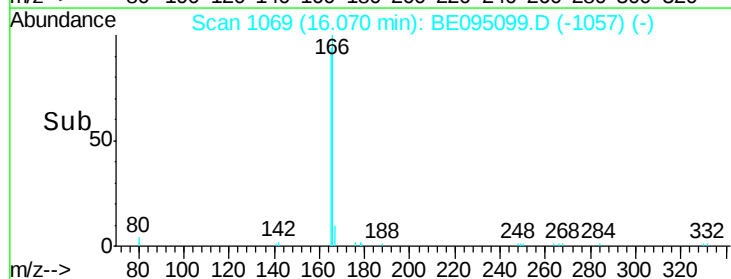
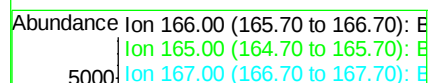
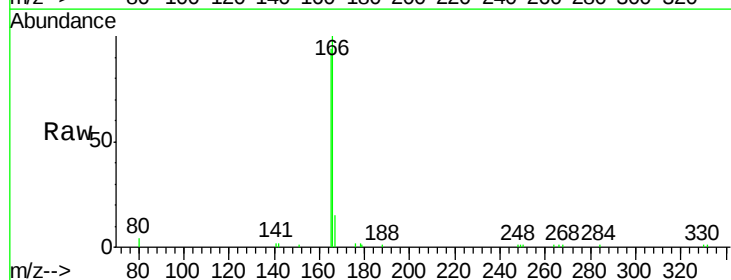
Tgt Ion:166 Resp: 7706

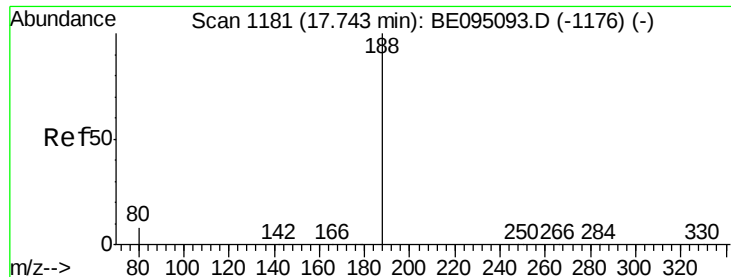
Ion Ratio Lower Upper

166 100

165 99.3 77.8 116.6

167 13.6 42.4 63.6#





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.74 min Scan# 1181

Delta R.T. 0.00 min

Lab File: BE095099.D

Acq: 23 Jan 2018 16:14

Instrument :

BNA_E

ClientSampled :

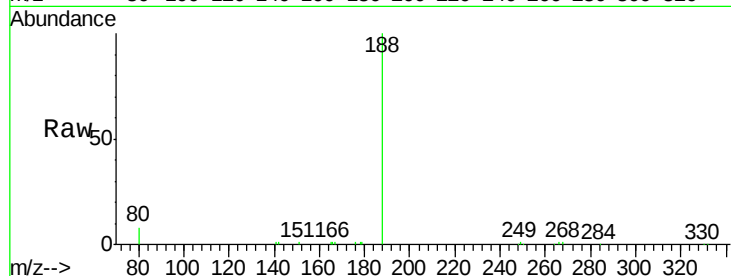
Tot Ion:188 Resp: 15845

Ion Ratio Lower Upper

188 100

94 0.0 3.9 5.9#

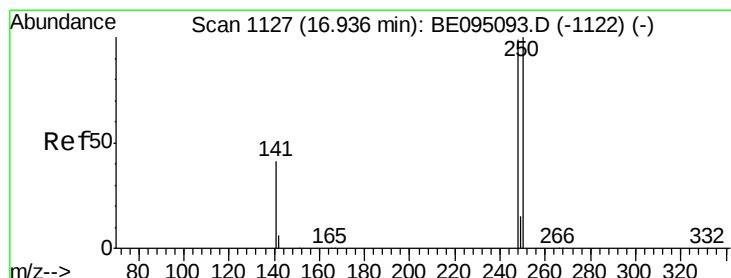
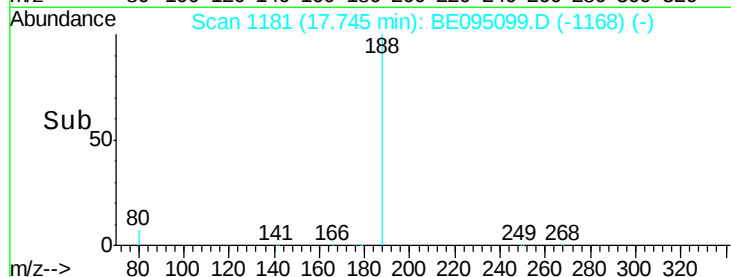
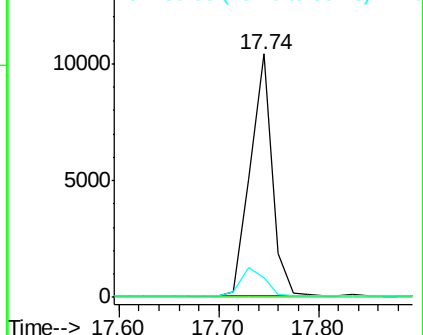
80 8.0 3.6 5.4#



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: 0.274 ng

RT: 16.94 min Scan# 1127

Delta R.T. 0.00 min

Lab File: BE095099.D

Acq: 23 Jan 2018 16:14

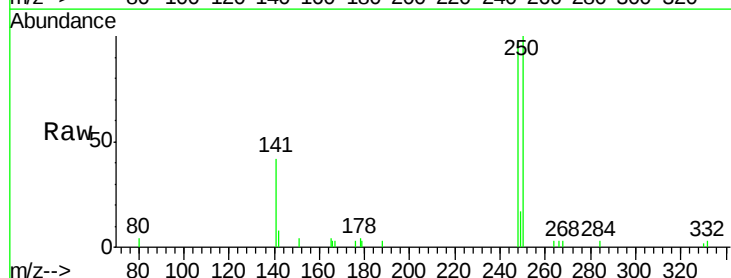
Tgt Ion:248 Resp: 2553

Ion Ratio Lower Upper

248 100

250 102.7 62.7 94.1#

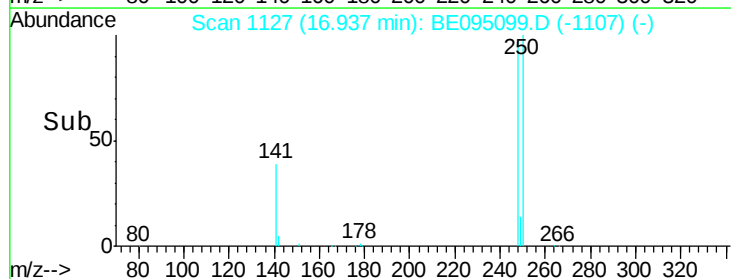
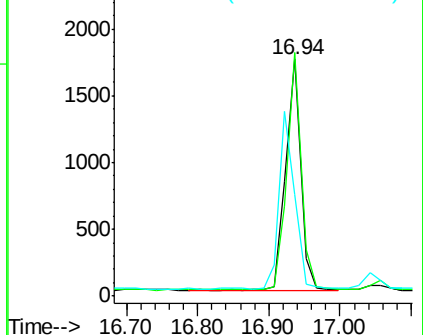
141 43.1 48.2 72.2#

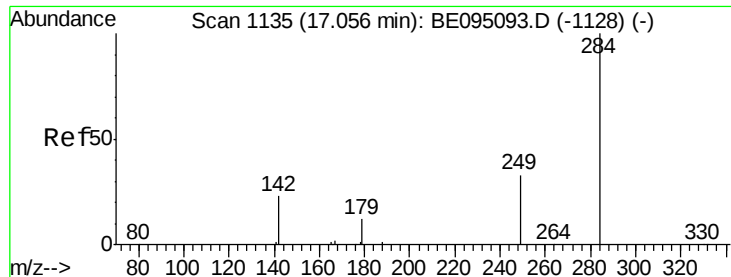


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

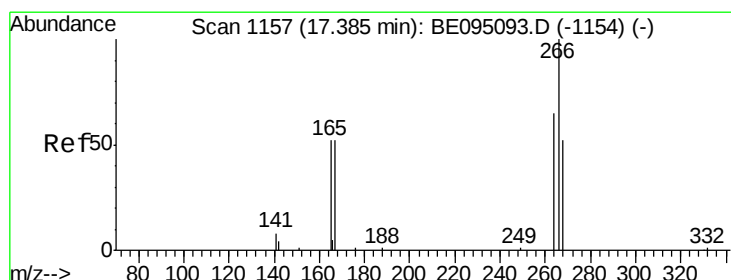
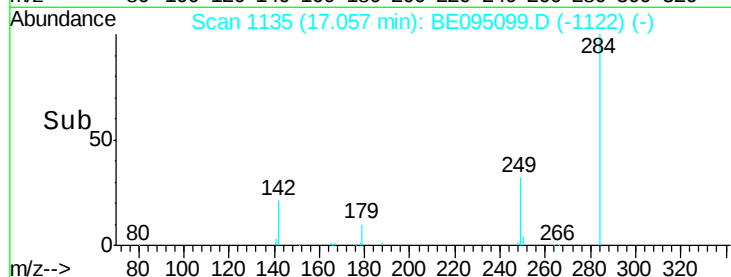
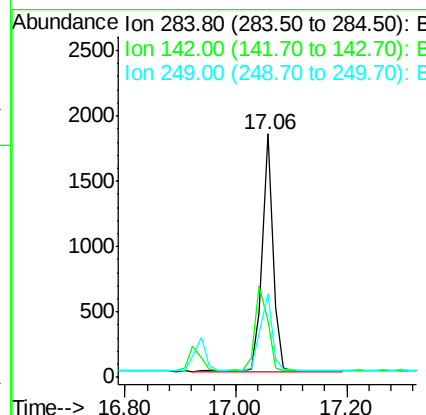
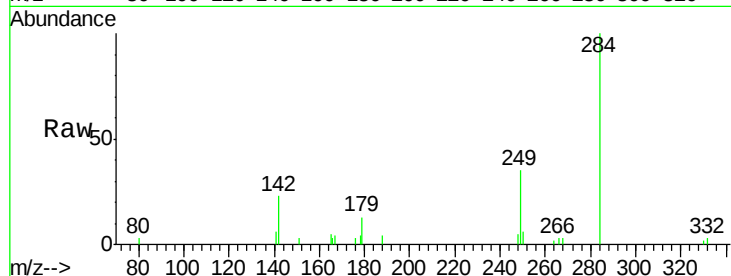




#21
Hexachlorobenzene
Concen: 0.272 ng
RT: 17.06 min Scan# 1135
Delta R.T. 0.00 min
Lab File: BE095099.D
Acq: 23 Jan 2018 16:14

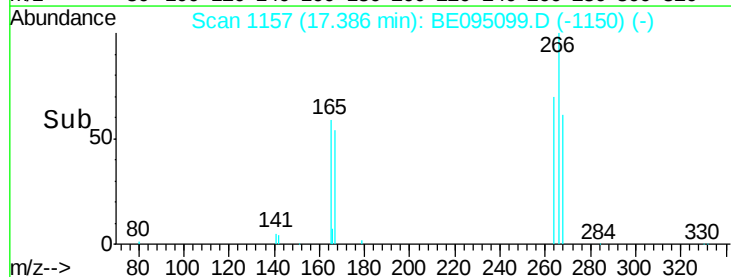
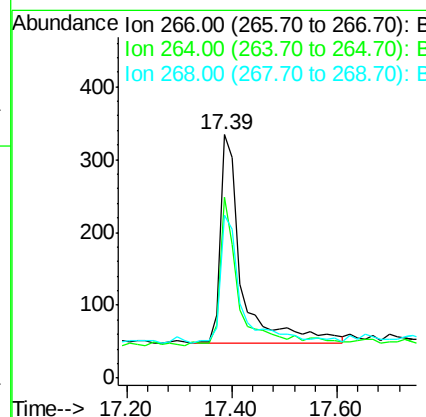
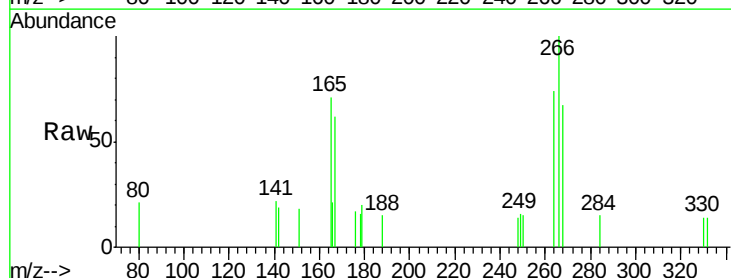
Instrument :
BNA_E
ClientSampleId :

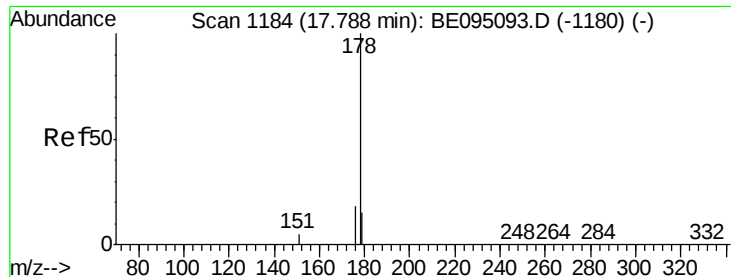
Tot Ion:284 Resp: 2543
Ion Ratio Lower Upper
284 100
142 41.4 22.1 33.1#
249 35.5 34.8 52.2



#22
Pentachlorophenol
Concen: 0.437 ng
RT: 17.39 min Scan# 1157
Delta R.T. 0.00 min
Lab File: BE095099.D
Acq: 23 Jan 2018 16:14

Tgt Ion:266 Resp: 815
Ion Ratio Lower Upper
266 100
264 74.3 72.5 108.7
268 66.8 73.8 110.6#





#23

Phenanthrene

Concen: 0.271 ng

RT: 17.77 min Scan# 1183

Delta R.T. -0.01 min

Lab File: BE095099.D

Acq: 23 Jan 2018 16:14

Instrument :

BNA_E

ClientSampleId :

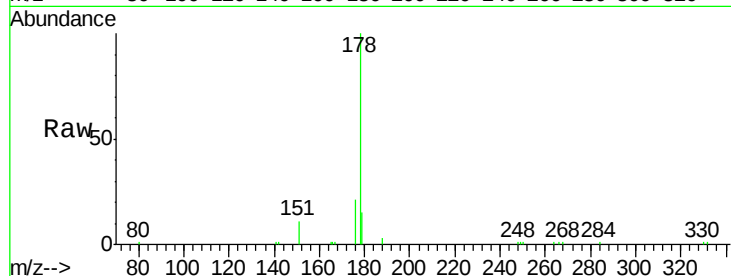
Tot Ion:178 Resp: 13247

Ion Ratio Lower Upper

178 100

176 19.6 15.1 22.7

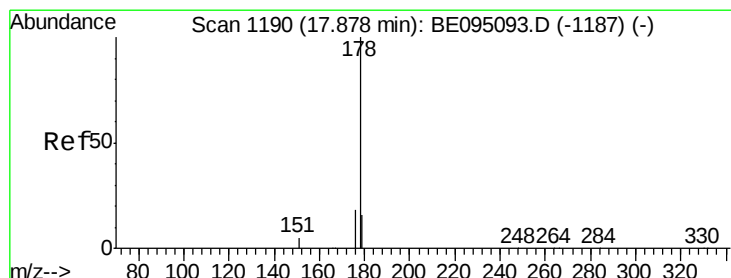
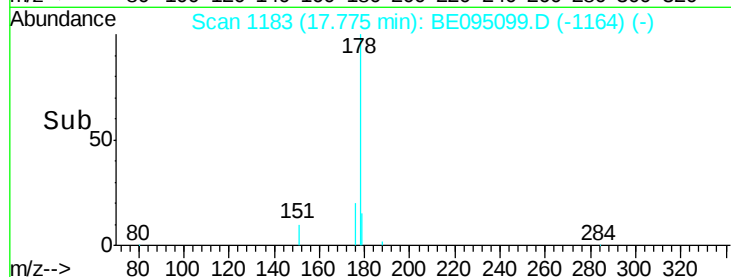
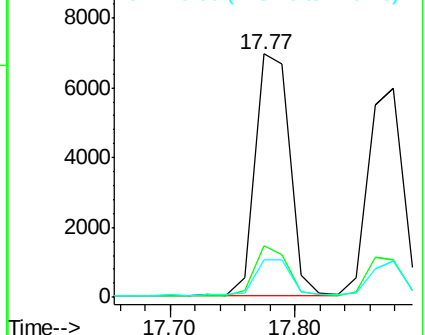
179 15.1 11.8 17.6



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: 0.262 ng

RT: 17.88 min Scan# 1190

Delta R.T. 0.00 min

Lab File: BE095099.D

Acq: 23 Jan 2018 16:14

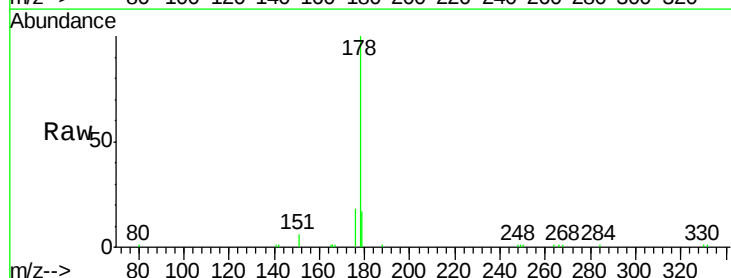
Tgt Ion:178 Resp: 11442

Ion Ratio Lower Upper

178 100

176 18.4 12.8 19.2

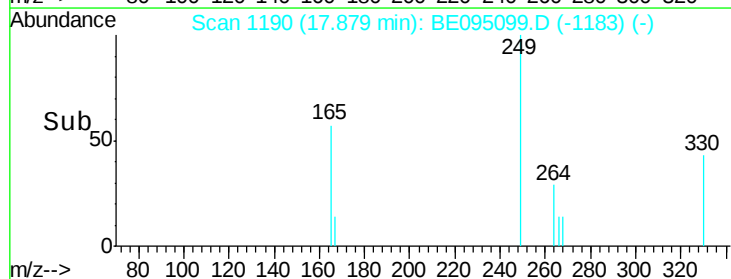
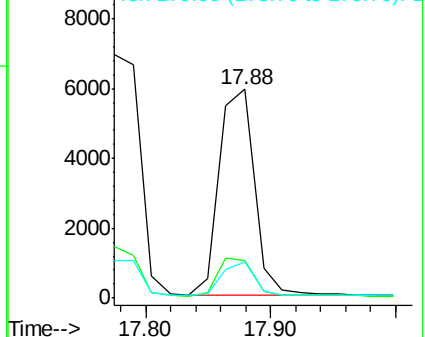
179 15.5 13.0 19.6

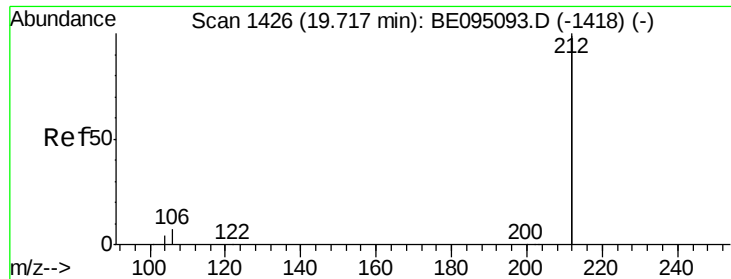


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.277 ng

RT: 19.72 min Scan# 1427

Delta R.T. 0.01 min

Lab File: BE095099.D

Acq: 23 Jan 2018 16:14

Instrument :

BNA_E

ClientSampleId :

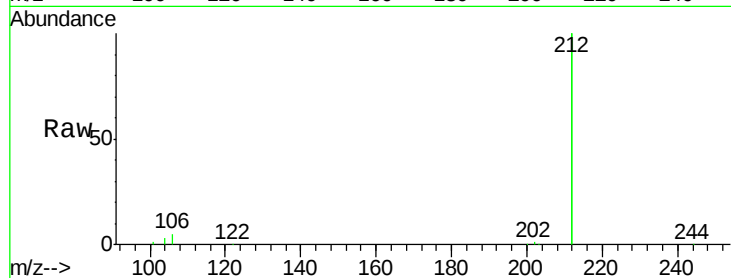
Tot Ion:212 Resp: 55277

Ion Ratio Lower Upper

212 100

106 3.1 2.8 4.2

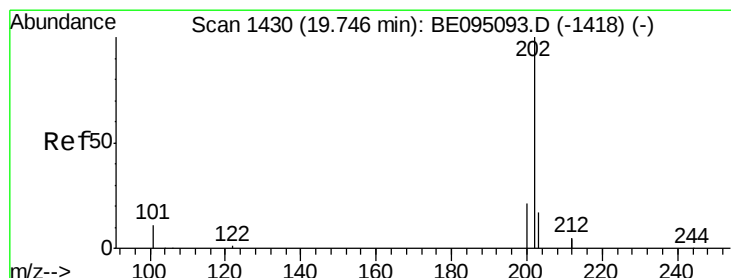
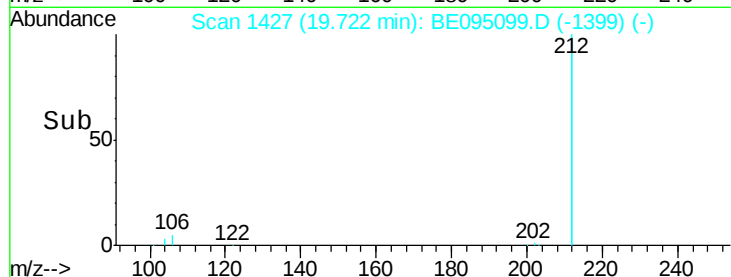
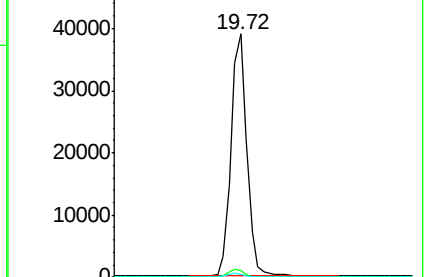
104 1.7 1.6 2.4



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: 0.271 ng

RT: 19.75 min Scan# 1431

Delta R.T. 0.01 min

Lab File: BE095099.D

Acq: 23 Jan 2018 16:14

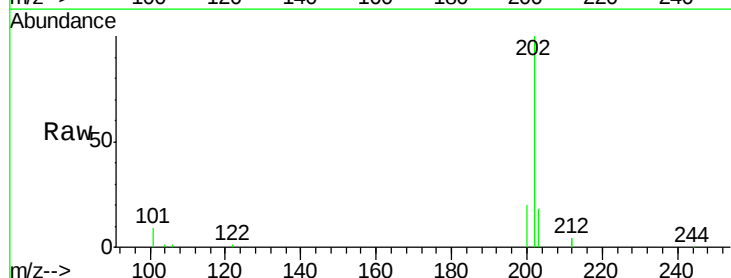
Tgt Ion:202 Resp: 15938

Ion Ratio Lower Upper

202 100

101 11.0 9.8 14.8

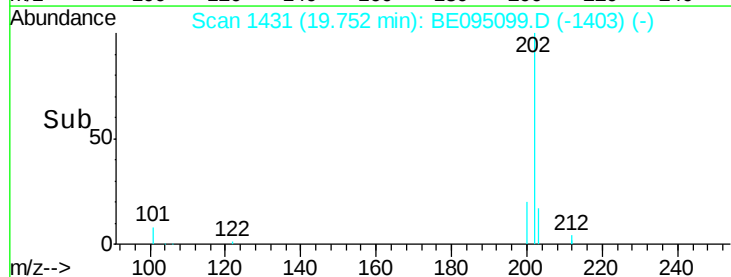
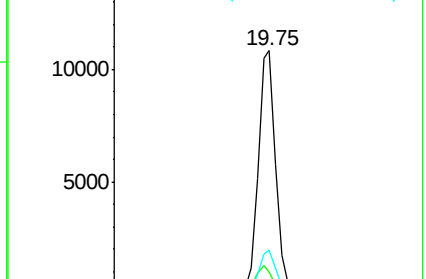
203 17.4 13.7 20.5

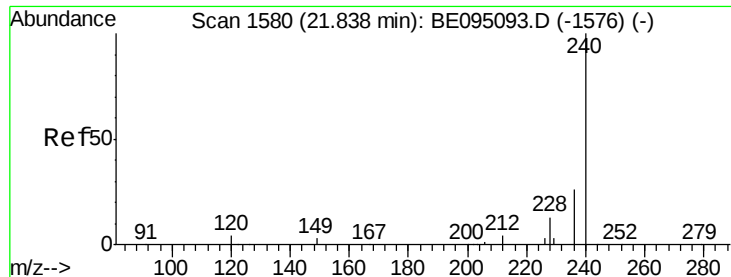


Abundance Ion 202.00 (201.70 to 202.70): E

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: BE095099.D

Acq: 23 Jan 2018 16:14

Instrument :

BNA_E

ClientSampleId :

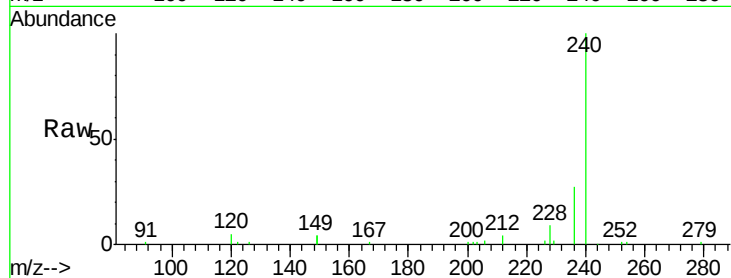
Tot Ion:240 Resp: 16449

Ion Ratio Lower Upper

240 100

120 4.9 5.5 8.3#

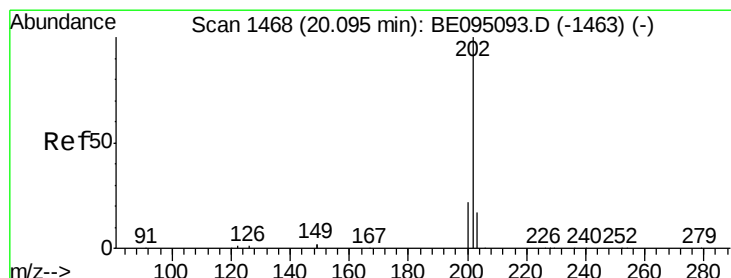
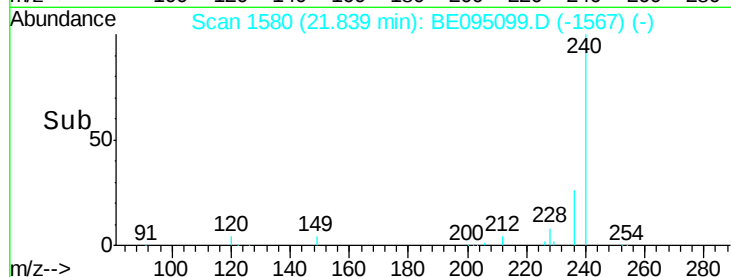
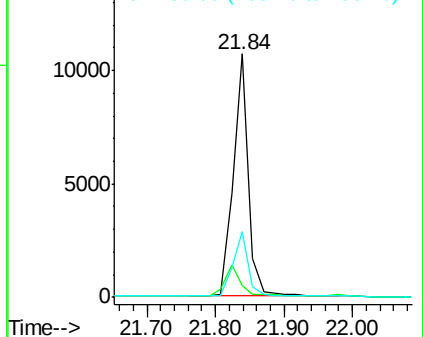
236 26.8 20.7 31.1



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: 0.248 ng

RT: 20.10 min Scan# 1468

Delta R.T. 0.00 min

Lab File: BE095099.D

Acq: 23 Jan 2018 16:14

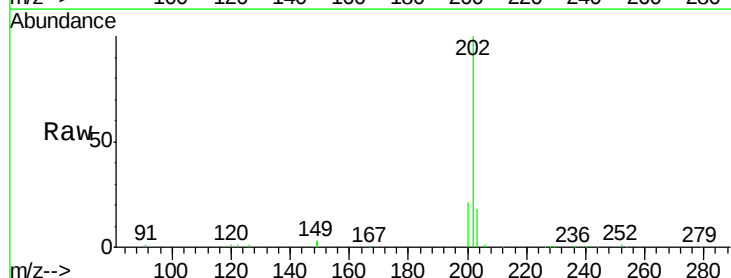
Tgt Ion:202 Resp: 17243

Ion Ratio Lower Upper

202 100

200 23.2 16.6 25.0

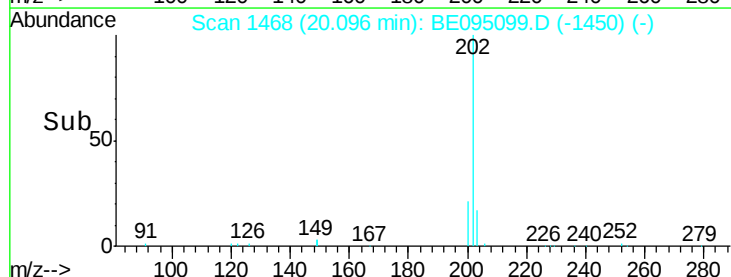
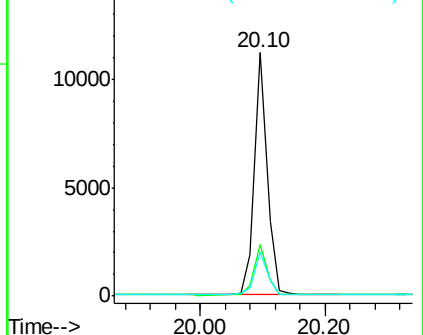
203 19.1 13.8 20.8

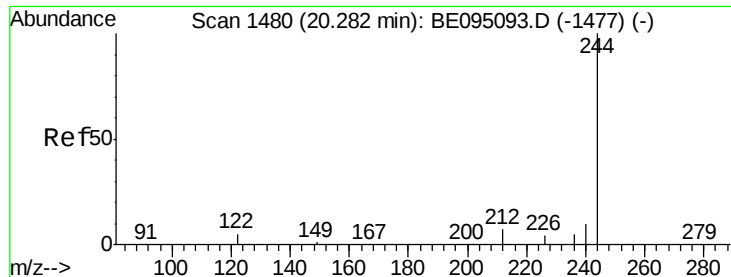


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.318 ng

RT: 20.28 min Scan# 1480

Delta R.T. 0.00 min

Lab File: BE095099.D

Acq: 23 Jan 2018 16:14

Instrument :

BNA_E

ClientSampled :

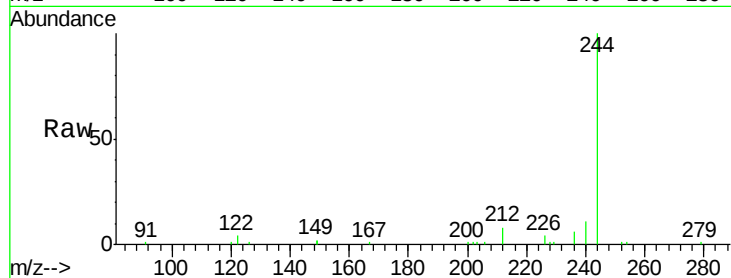
Tot Ion:244 Resp: 10717

Ion Ratio Lower Upper

244 100

212 7.8 25.4 38.0#

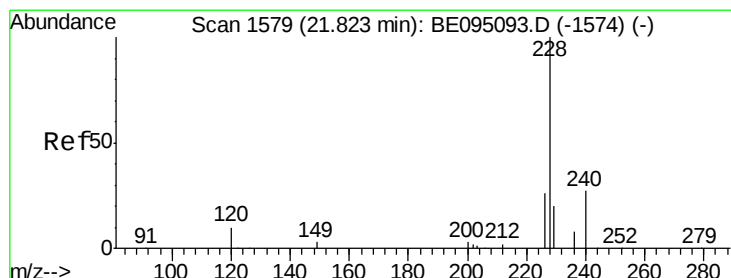
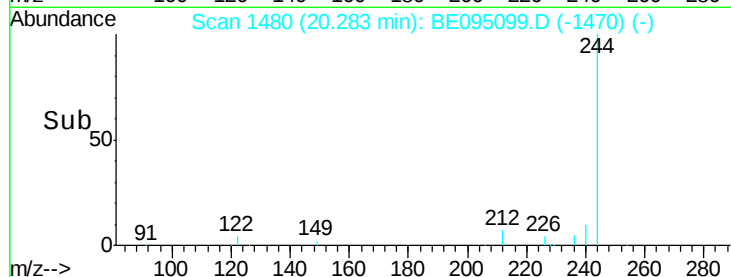
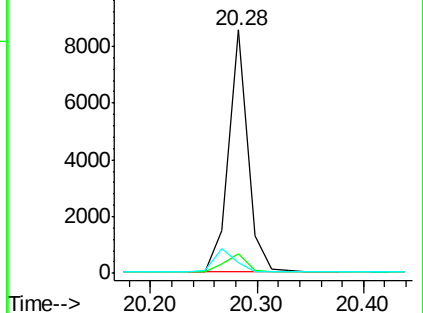
122 4.5 8.1 12.1#



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: 0.259 ng

RT: 21.82 min Scan# 1579

Delta R.T. 0.00 min

Lab File: BE095099.D

Acq: 23 Jan 2018 16:14

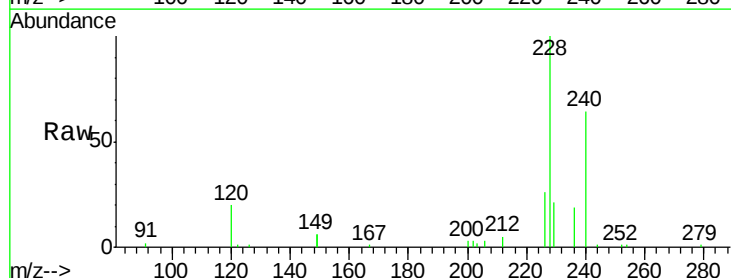
Tgt Ion:228 Resp: 13313

Ion Ratio Lower Upper

228 100

226 25.6 24.0 36.0

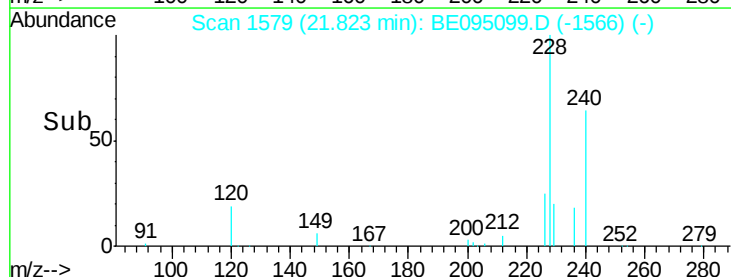
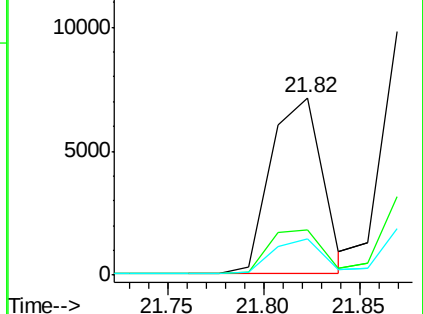
229 20.5 16.0 24.0

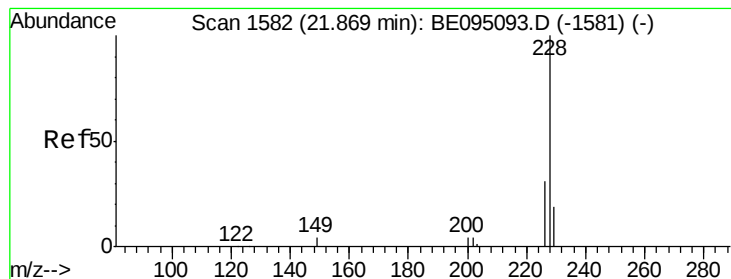


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.287 ng

RT: 21.87 min Scan# 1582

Delta R.T. 0.00 min

Lab File: BE095099.D

Acq: 23 Jan 2018 16:14

Instrument :

BNA_E

ClientSampleId :

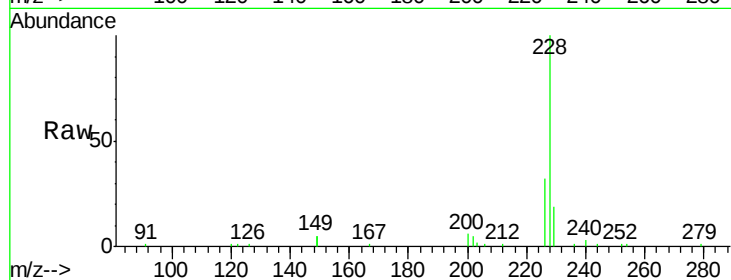
Tot Ion:228 Resp: 14925

Ion Ratio Lower Upper

228 100

226 32.2 24.0 36.0

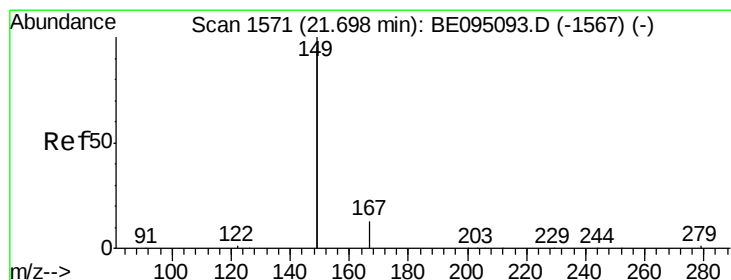
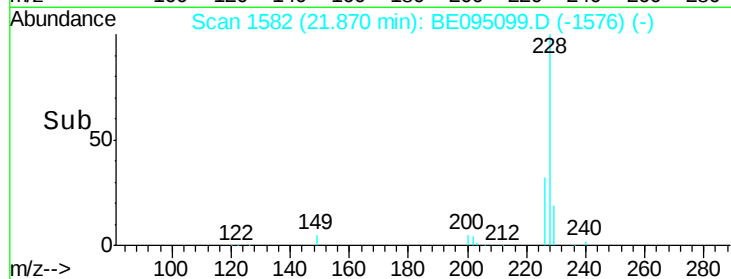
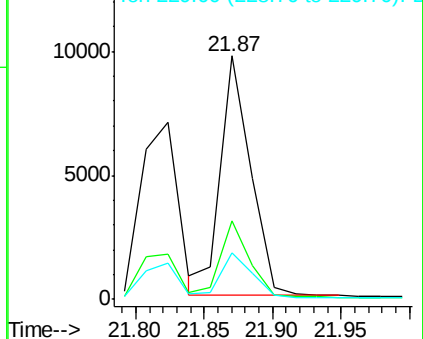
229 19.3 16.0 24.0



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: 0.197 ng

RT: 21.70 min Scan# 1571

Delta R.T. 0.00 min

Lab File: BE095099.D

Acq: 23 Jan 2018 16:14

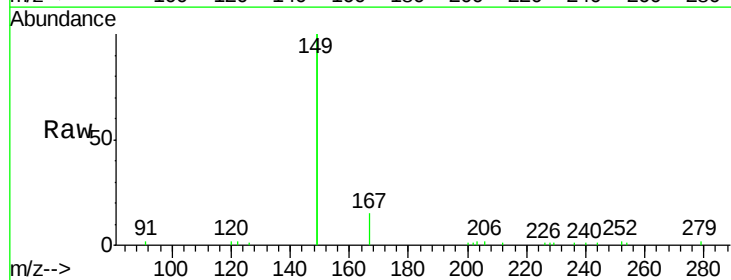
Tgt Ion:149 Resp: 14085

Ion Ratio Lower Upper

149 100

167 6.9 5.4 8.0

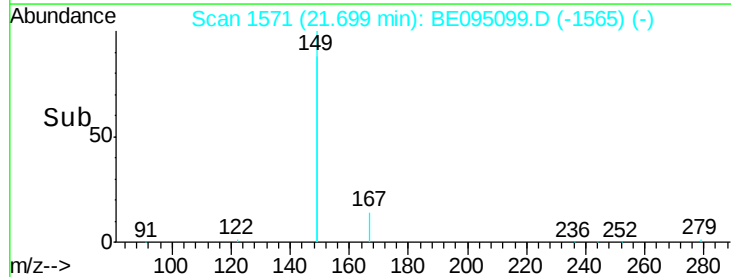
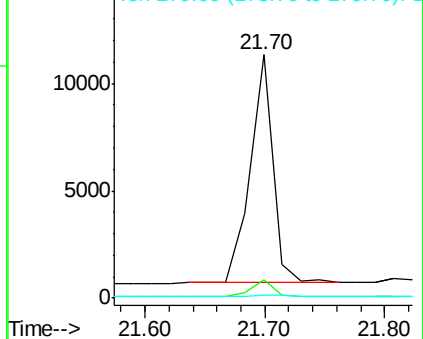
279 0.9 0.7 1.1

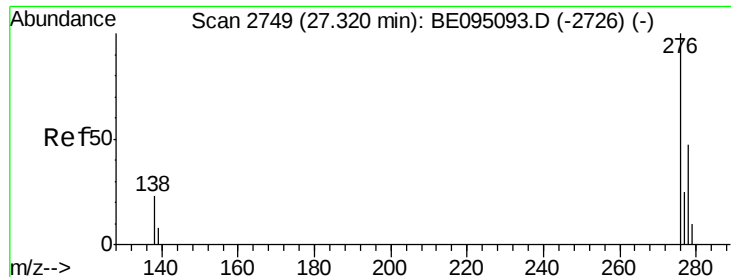


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

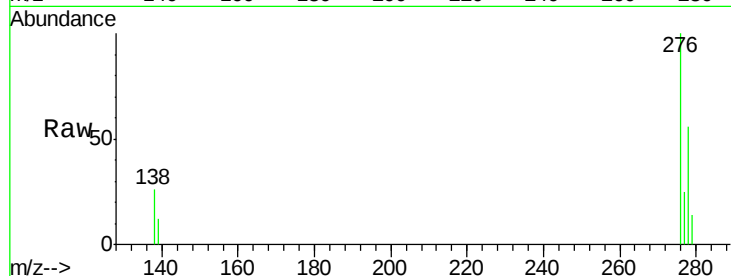




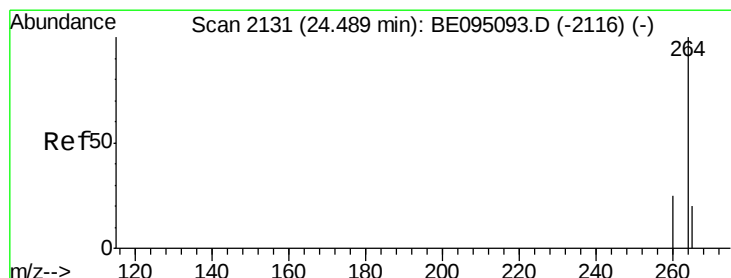
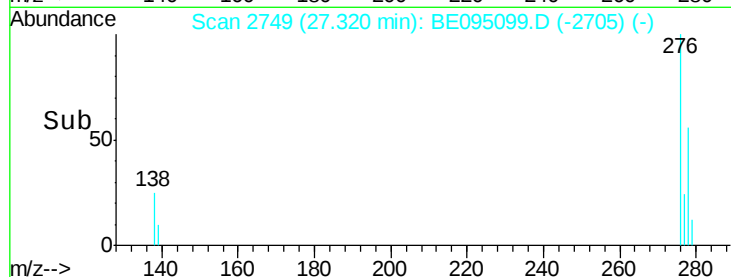
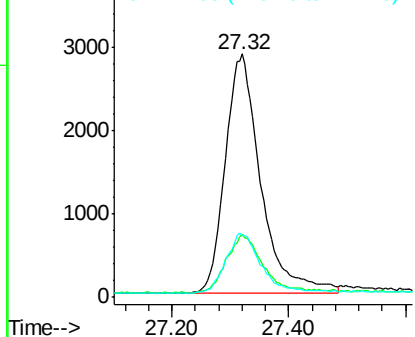
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.254 ng
RT: 27.32 min Scan# 2749
Delta R.T. -0.00 min
Lab File: BE095099.D
Acq: 23 Jan 2018 16:14

Instrument :
BNA_E
ClientSampleId :

Tot Ion:276 Resp: 12036
Ion Ratio Lower Upper
276 100
138 24.9 22.5 33.7
277 24.8 19.9 29.9

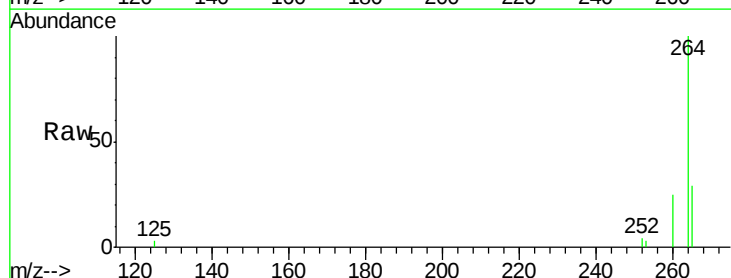


Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

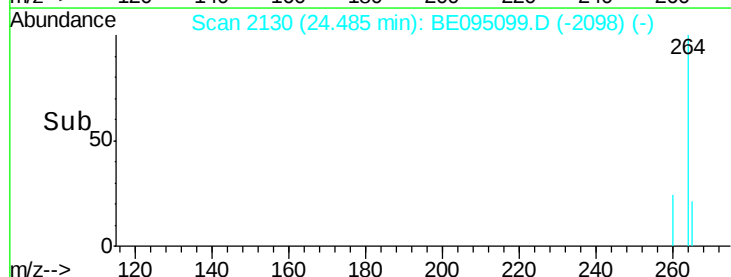
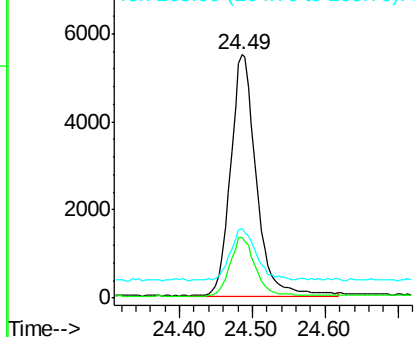


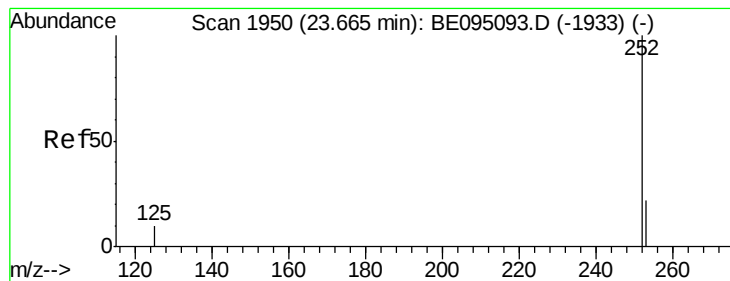
#34
Perylene-d12
Concen: 0.400 ng
RT: 24.49 min Scan# 2130
Delta R.T. -0.00 min
Lab File: BE095099.D
Acq: 23 Jan 2018 16:14

Tgt Ion:264 Resp: 13412
Ion Ratio Lower Upper
264 100
260 24.9 20.5 30.7
265 28.5 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: 0.272 ng

RT: 23.66 min Scan# 1949

Delta R.T. -0.00 min

Lab File: BE095099.D

Acq: 23 Jan 2018 16:14

Instrument :

BNA_E

ClientSampleId :

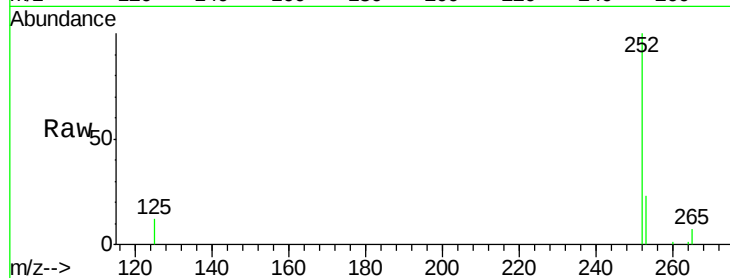
Tot Ion:252 Resp: 12934

Ion Ratio Lower Upper

252 100

253 23.5 20.0 30.0

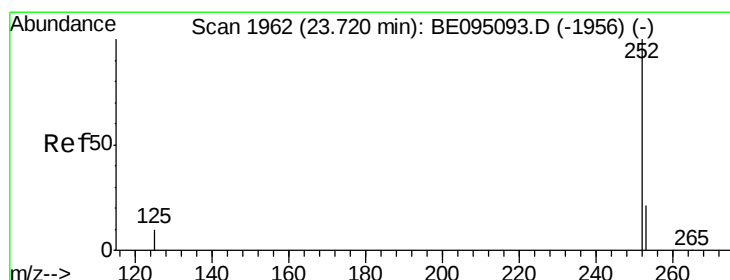
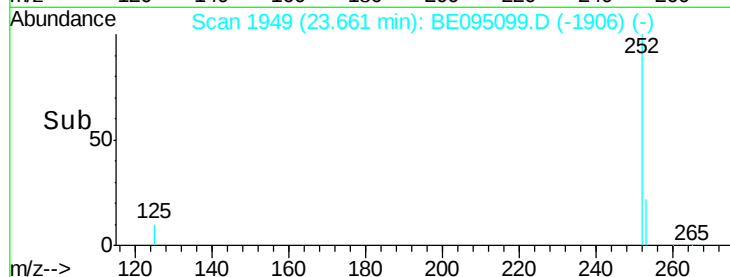
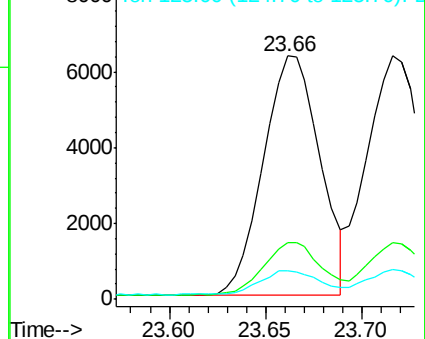
125 11.8 16.0 24.0#



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: 0.266 ng

RT: 23.66 min Scan# 1949

Delta R.T. -0.06 min

Lab File: BE095099.D

Acq: 23 Jan 2018 16:14

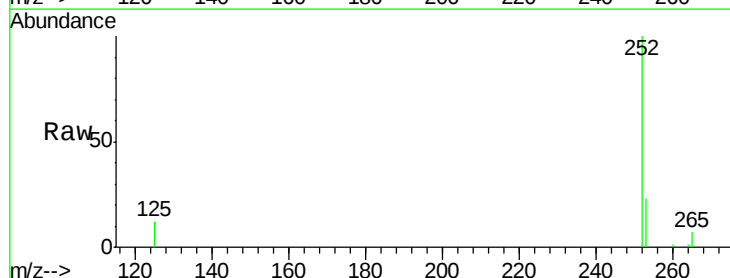
Tgt Ion:252 Resp: 12934

Ion Ratio Lower Upper

252 100

253 23.5 16.0 24.0

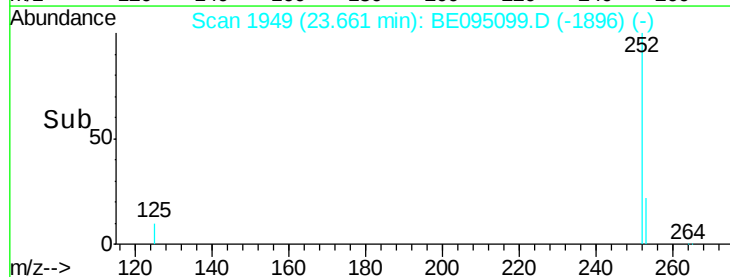
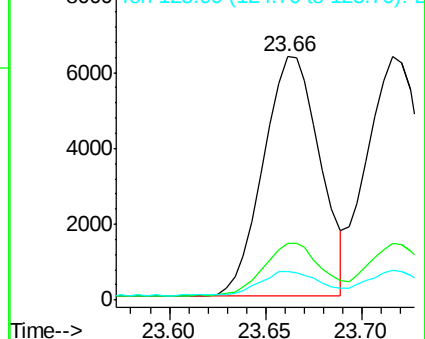
125 11.8 8.0 12.0

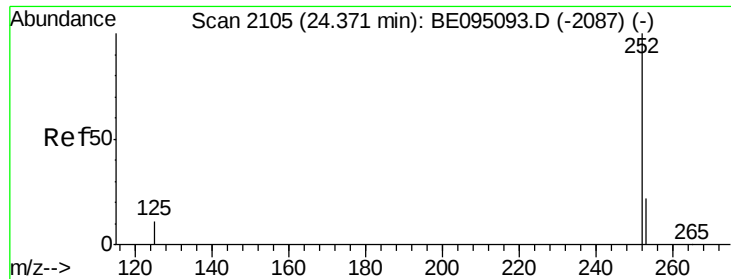


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#37

Benzo(a)pyrene

Concen: 0.264 ng

RT: 24.37 min Scan# 2104

Delta R.T. -0.00 min

Lab File: BE095099.D

Acq: 23 Jan 2018 16:14

Instrument :

BNA_E

ClientSampleId :

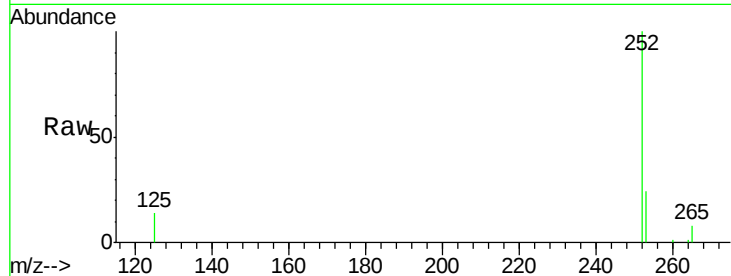
Tot Ion:252 Resp: 11504

Ion Ratio Lower Upper

252 100

253 24.0 16.0 24.0

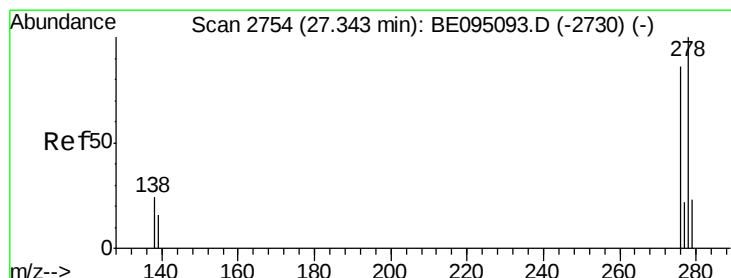
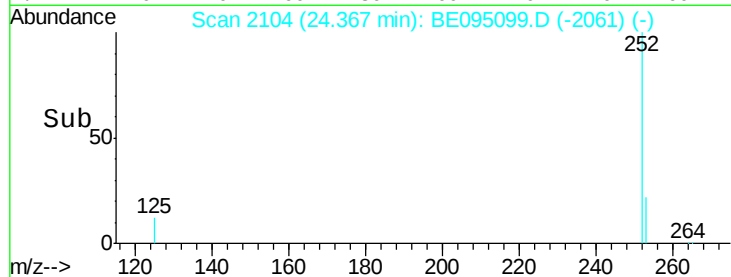
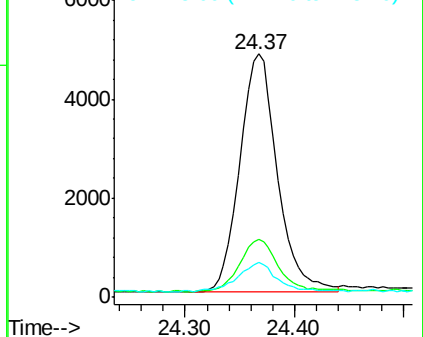
125 14.3 12.0 18.0



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: 0.247 ng

RT: 27.34 min Scan# 2753

Delta R.T. -0.00 min

Lab File: BE095099.D

Acq: 23 Jan 2018 16:14

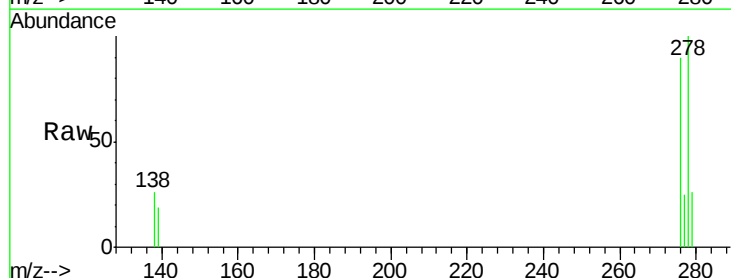
Tgt Ion:278 Resp: 9085

Ion Ratio Lower Upper

278 100

139 18.5 16.0 24.0

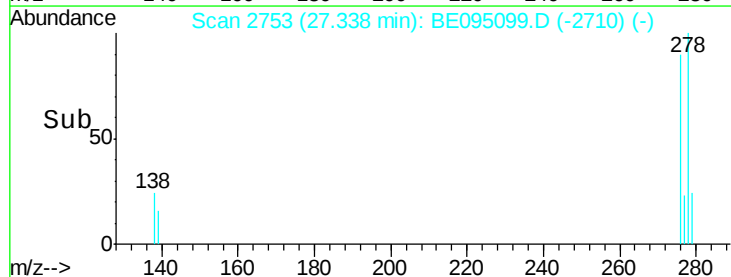
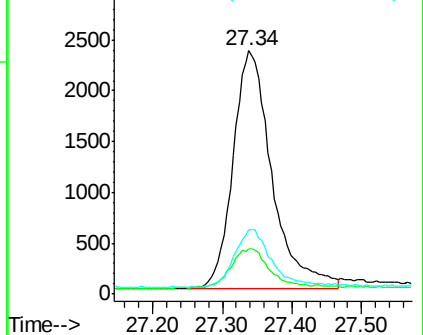
279 26.3 20.0 30.0

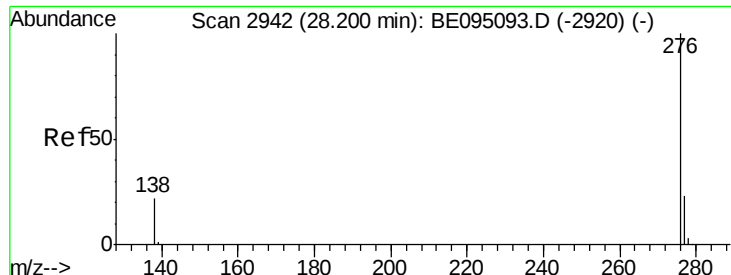


Abundance Ion 278.00 (277.70 to 278.70): E

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: 0.278 ng

RT: 28.20 min Scan# 2941

Delta R.T. -0.00 min

Lab File: BE095099.D

Acq: 23 Jan 2018 16:14

Instrument :

BNA_E

ClientSampleId :

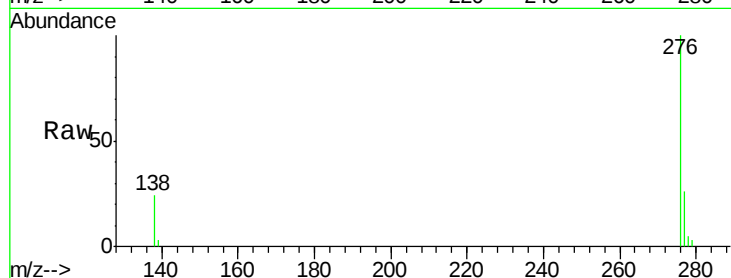
Tot Ion:276 Resp: 11052

Ion Ratio Lower Upper

276 100

277 25.9 16.0 24.0#

138 23.7 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

