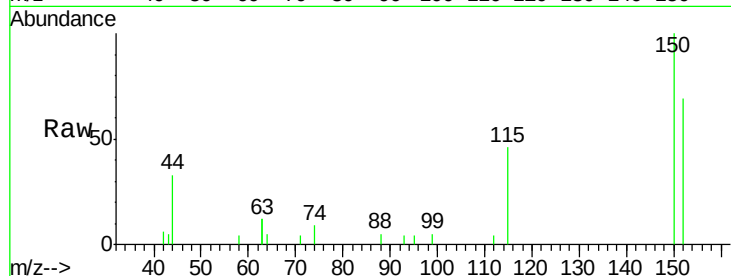


#1

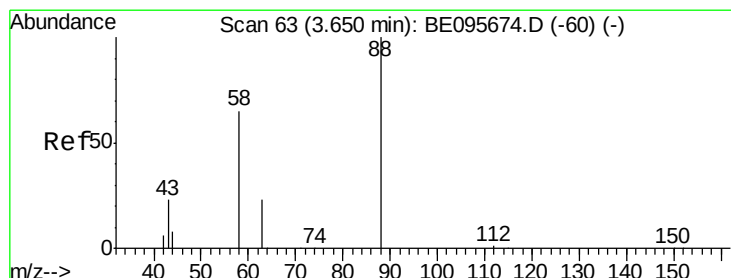
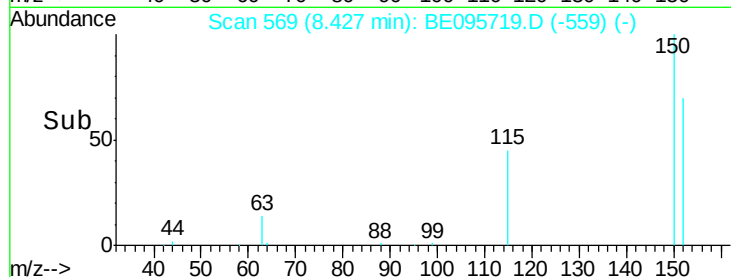
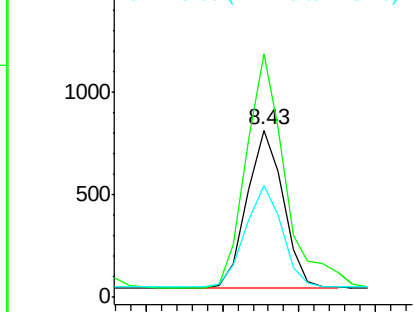
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.43 min Scan# 569
Delta R.T. -0.01 min
Lab File: BE095719.D
Acq: 7 Mar 2018 12:16

Instrument :
BNA_E
ClientSampleId :
PB107119BS

Tot Ion:152 Resp: 1269
Ion Ratio Lower Upper
152 100
150 145.9 117.2 175.8
115 67.0 57.0 85.6



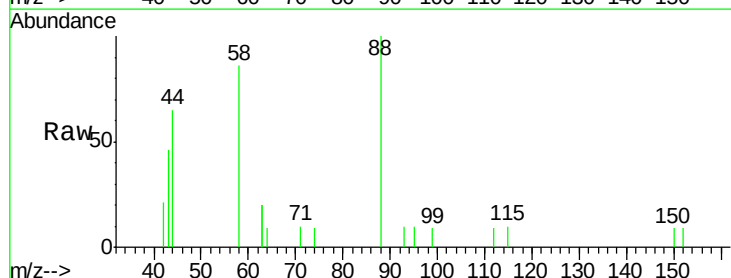
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



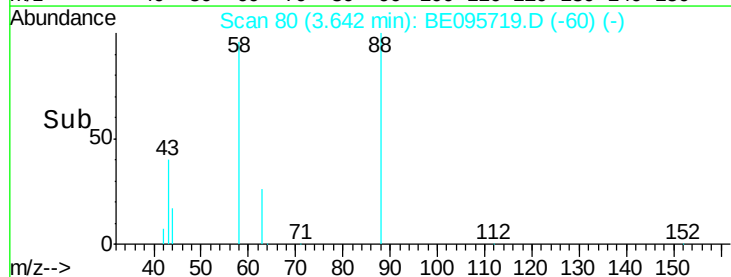
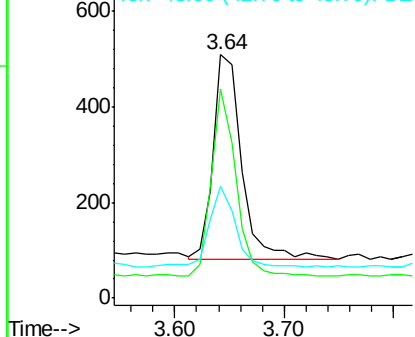
#2

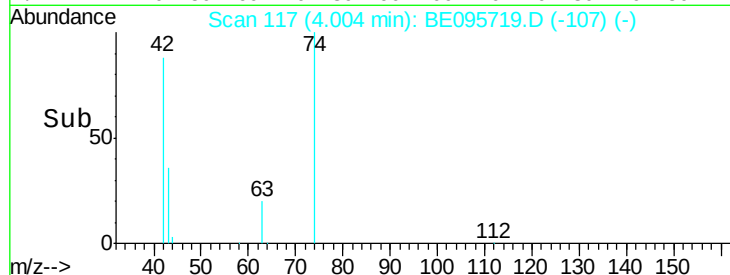
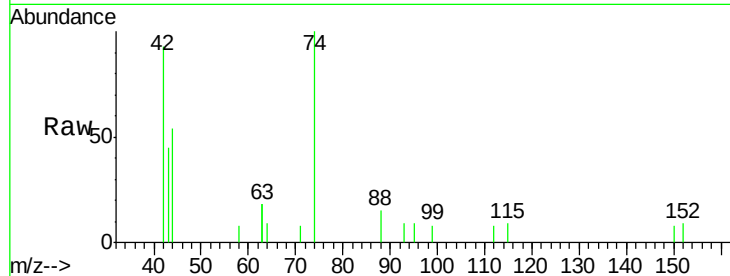
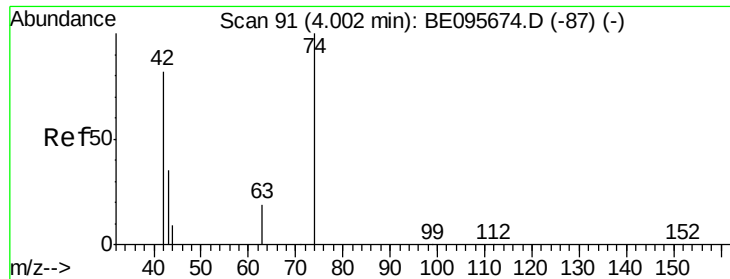
1,4-Dioxane
Concen: 0.392 ng
RT: 3.64 min Scan# 80
Delta R.T. -0.01 min
Lab File: BE095719.D
Acq: 7 Mar 2018 12:16

Tgt Ion: 88 Resp: 784
Ion Ratio Lower Upper
88 100
58 77.8 63.2 94.8
43 36.7 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: 0.369 ng

RT: 4.00 min Scan# 117

Delta R.T. 0.00 min

Lab File: BE095719.D

Acq: 7 Mar 2018 12:16

Instrument :

BNA_E

ClientSampleId :

PB107119BS

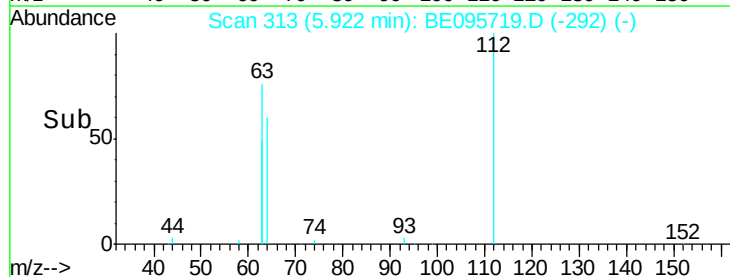
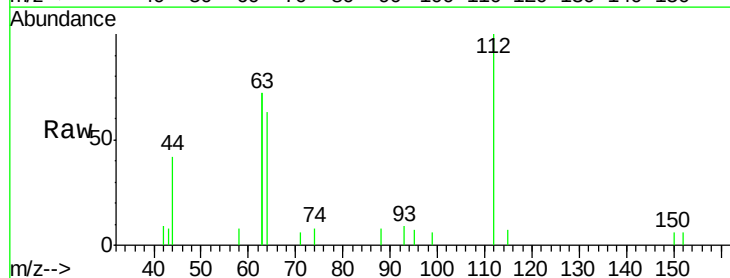
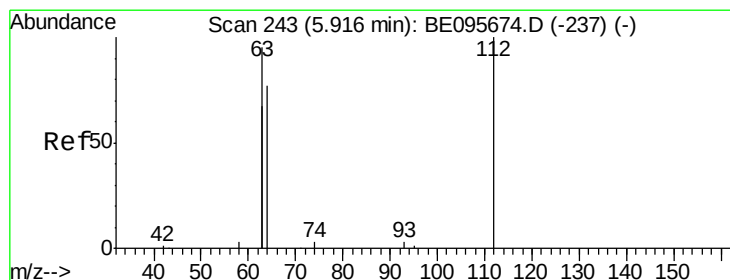
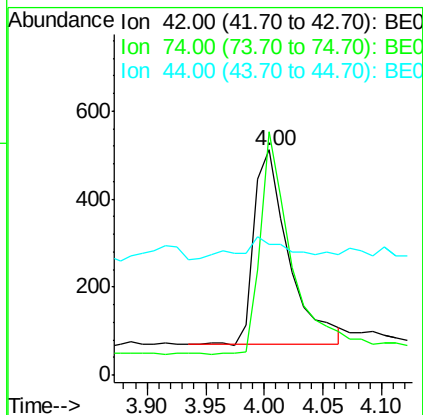
Tot Ion: 42 Resp: 913

Ion Ratio Lower Upper

42 100

74 102.0 96.0 144.0

44 13.1 12.0 18.0



#4

2-Fluorophenol

Concen: 0.389 ng

RT: 5.92 min Scan# 313

Delta R.T. 0.01 min

Lab File: BE095719.D

Acq: 7 Mar 2018 12:16

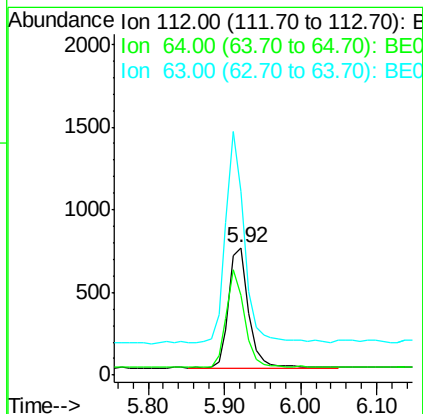
Tgt Ion: 112 Resp: 1303

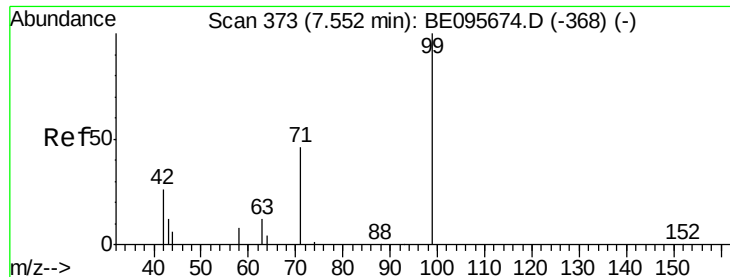
Ion Ratio Lower Upper

112 100

64 75.2 60.1 90.1

63 167.0 116.8 175.2





#5

Phenol-d6

Concen: 0.409 ng

RT: 7.56 min Scan# 480

Delta R.T. 0.00 min

Lab File: BE095719.D

Acq: 7 Mar 2018 12:16

Instrument :

BNA_E

ClientSampleId :

PB107119BS

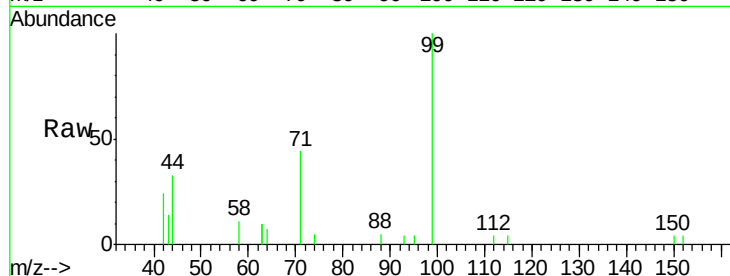
Tot Ion: 99 Resp: 1897

Ion Ratio Lower Upper

99 100

42 24.1 20.2 30.2

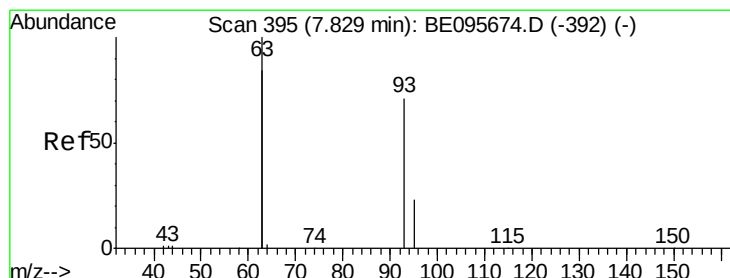
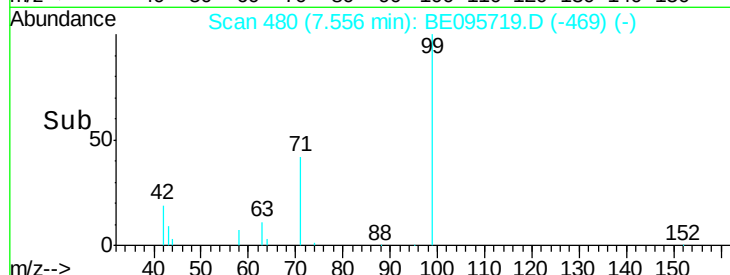
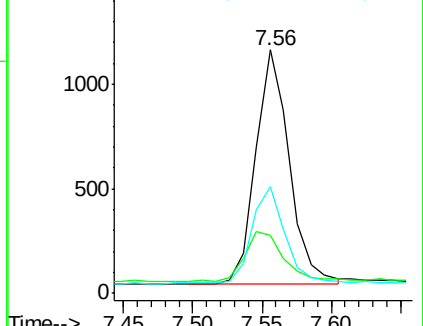
71 41.7 28.4 42.6



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: 0.382 ng

RT: 7.83 min Scan# 508

Delta R.T. 0.00 min

Lab File: BE095719.D

Acq: 7 Mar 2018 12:16

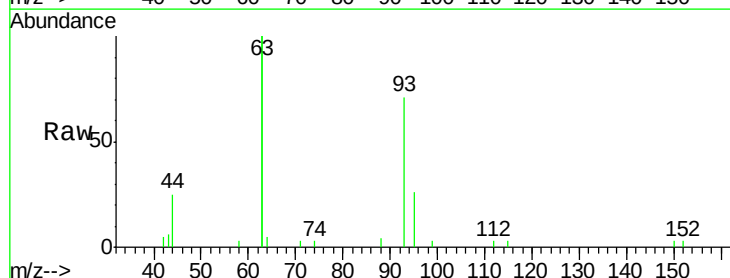
Tgt Ion: 93 Resp: 1818

Ion Ratio Lower Upper

93 100

63 336.0 275.3 412.9

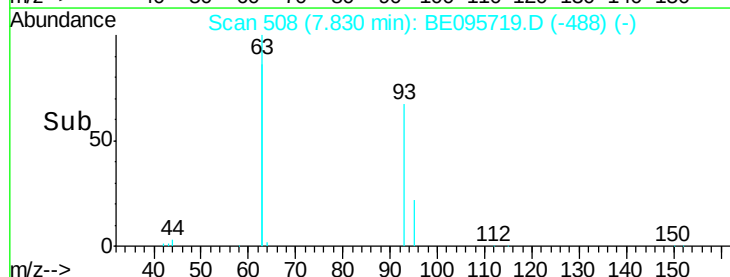
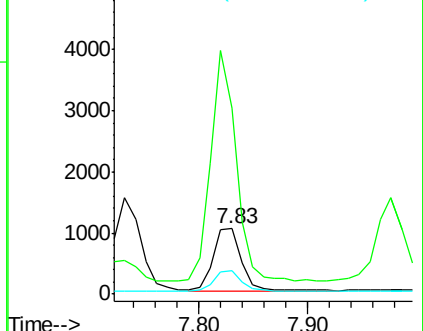
95 33.1 25.2 37.8

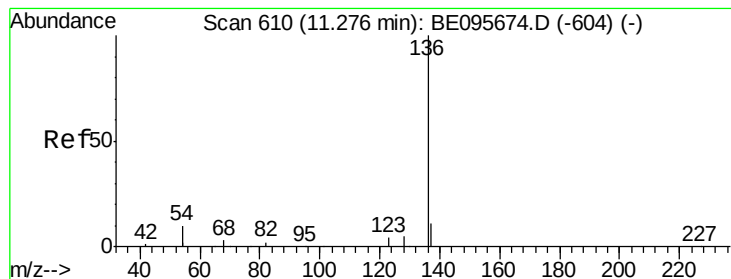


Abundance Ion 93.00 (92.70 to 93.70): BE0

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: 11.27 min Scan# 785

Delta R.T. -0.01 min

Lab File: BE095719.D

Acq: 7 Mar 2018 12:16

Instrument :

BNA_E

ClientSampleId :

PB107119BS

Tot Ion:136 Resp: 5248

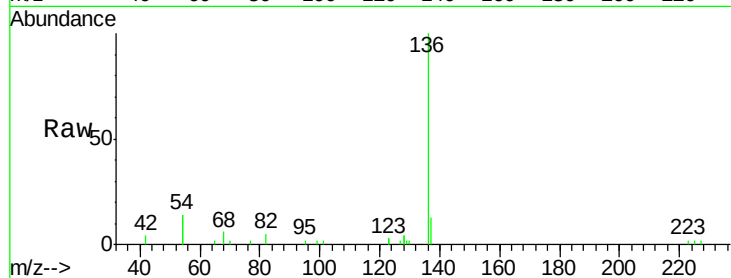
Ion Ratio Lower Upper

136 100

137 12.6 9.5 14.3

54 28.3 29.1 43.7#

68 6.1 6.2 9.2#

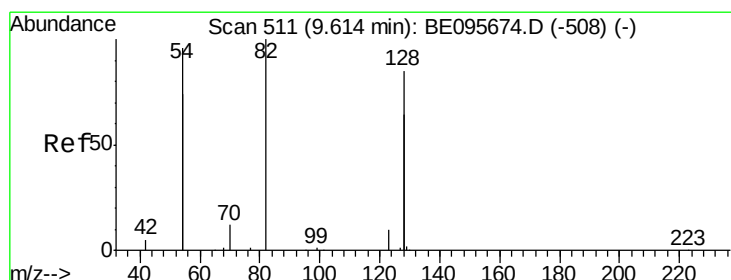
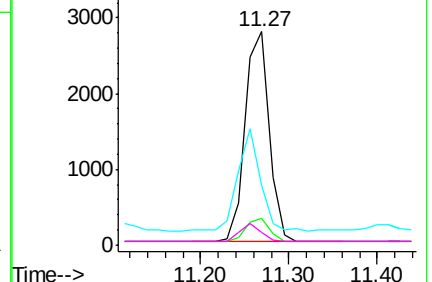
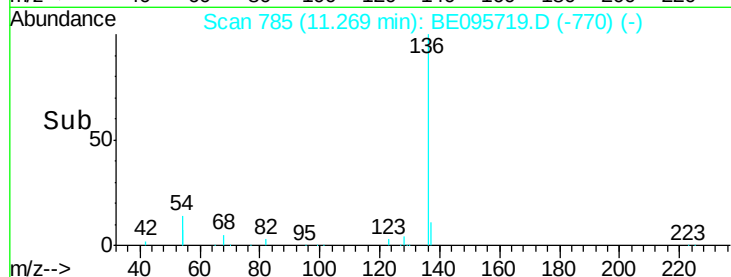


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.359 ng

RT: 9.61 min Scan# 657

Delta R.T. -0.01 min

Lab File: BE095719.D

Acq: 7 Mar 2018 12:16

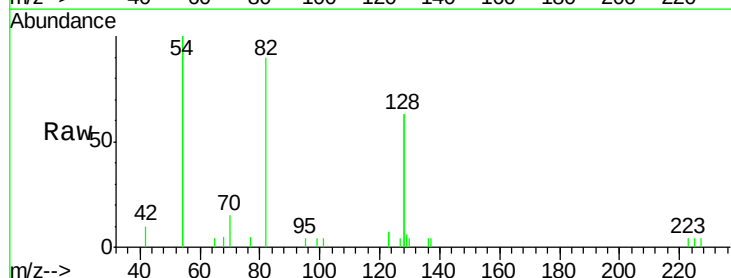
Tgt Ion: 82 Resp: 1939

Ion Ratio Lower Upper

82 100

128 140.0 150.0 225.0#

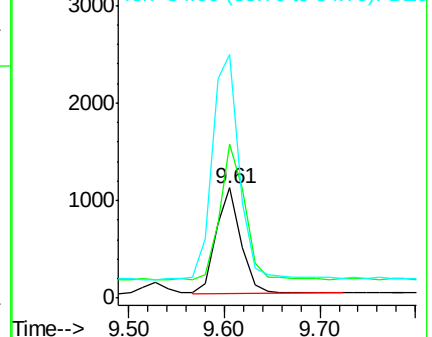
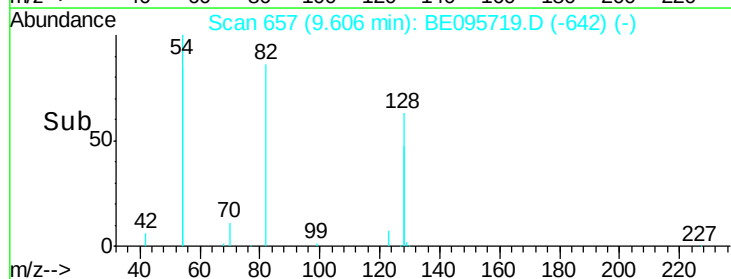
54 221.3 154.2 231.4

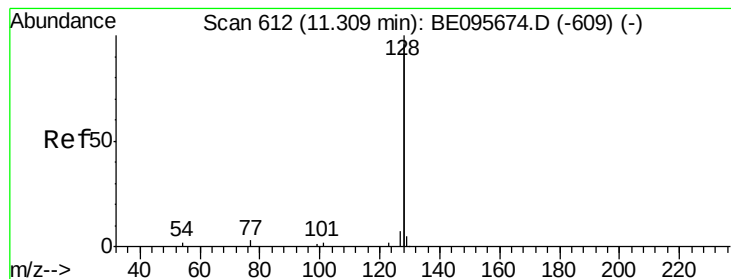


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.376 ng

RT: 11.31 min Scan# 788

Delta R.T. -0.00 min

Lab File: BE095719.D

Acq: 7 Mar 2018 12:16

Instrument :

BNA_E

ClientSampleId :

PB107119BS

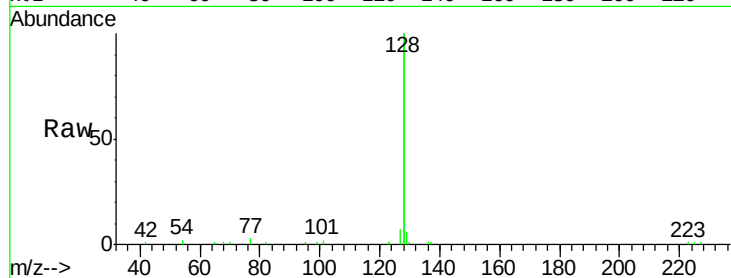
Tot Ion:128 Resp: 22743

Ion Ratio Lower Upper

128 100

129 3.0 2.6 3.8

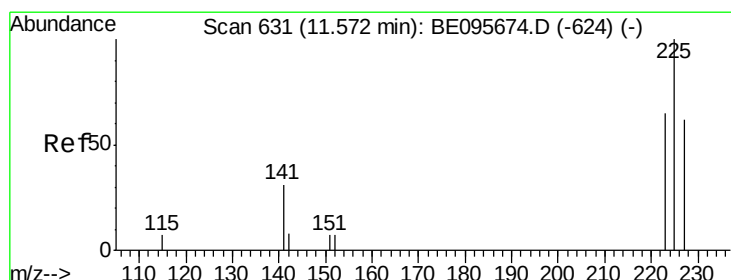
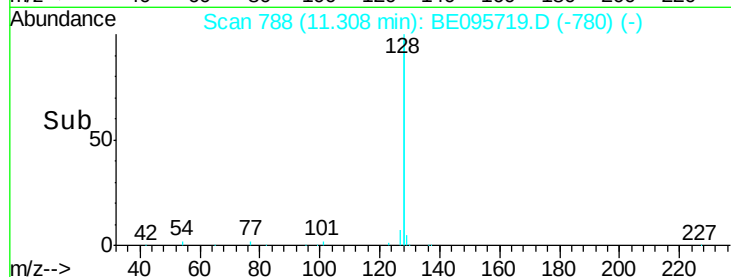
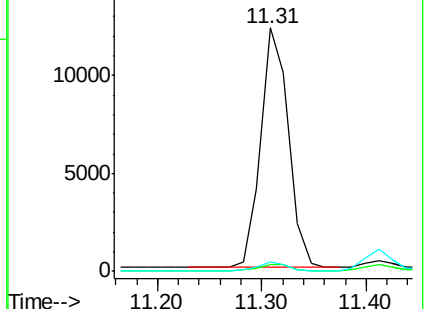
127 3.7 2.8 4.2



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: 0.398 ng

RT: 11.57 min Scan# 813

Delta R.T. 0.00 min

Lab File: BE095719.D

Acq: 7 Mar 2018 12:16

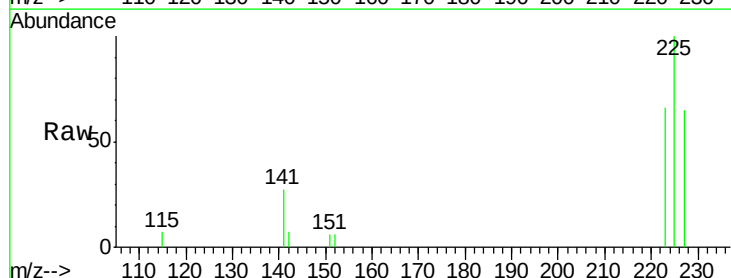
Tgt Ion:225 Resp: 1404

Ion Ratio Lower Upper

225 100

223 62.0 53.0 79.6

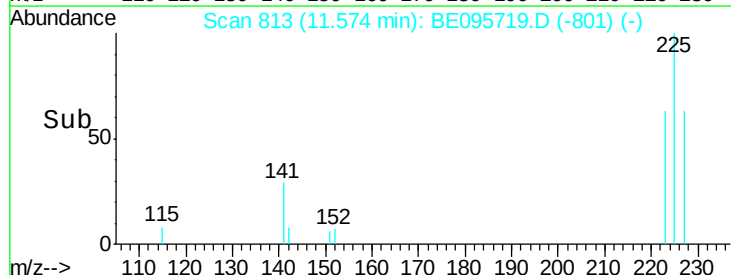
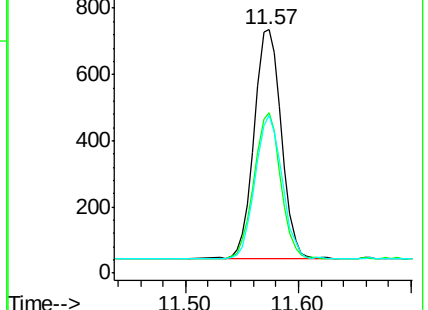
227 62.8 51.4 77.2

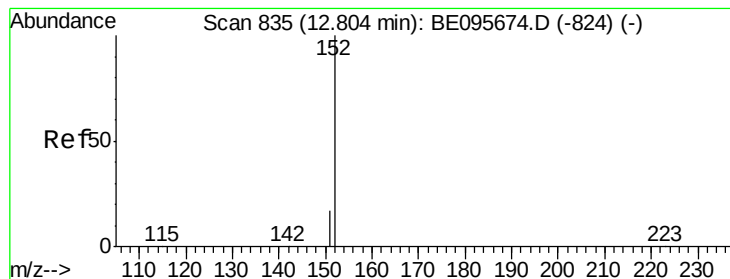


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.376 ng

RT: 12.80 min Scan# 1073

Delta R.T. -0.00 min

Lab File: BE095719.D

Acq: 7 Mar 2018 12:16

Instrument :

BNA_E

ClientSampleId :

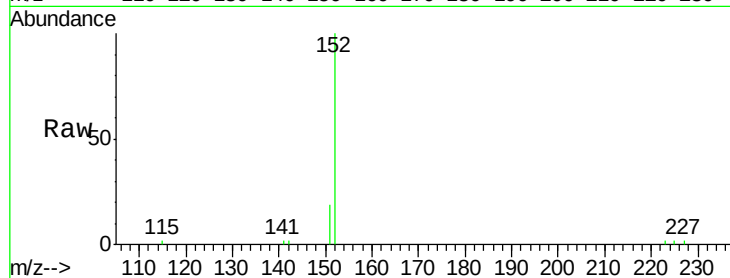
PB107119BS

Tot Ion:152 Resp: 3298

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

12.80

2500

2000

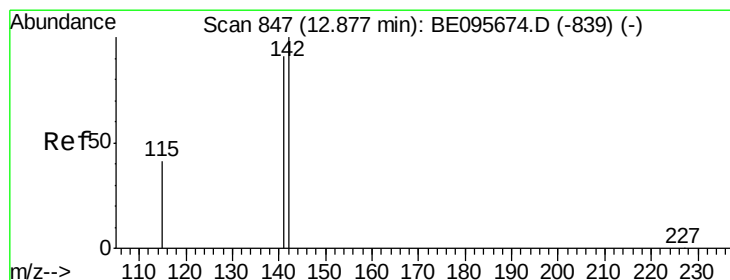
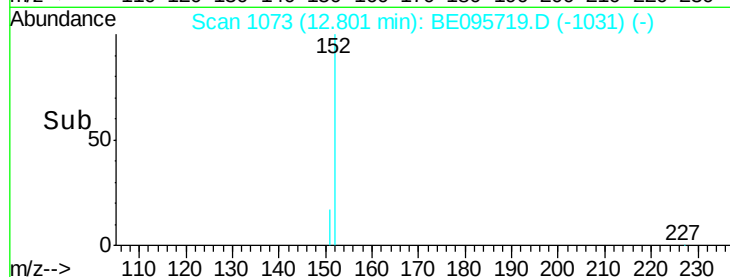
1500

1000

500

0

Time-->



#12

2-Methylnaphthalene

Concen: 0.370 ng

RT: 12.88 min Scan# 1089

Delta R.T. 0.00 min

Lab File: BE095719.D

Acq: 7 Mar 2018 12:16

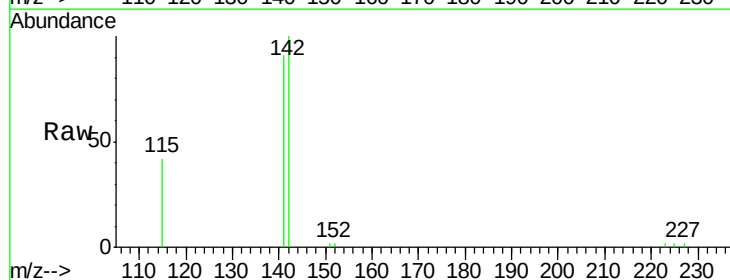
Tgt Ion:142 Resp: 3866

Ion Ratio Lower Upper

142 100

141 91.5 70.4 105.6

115 41.7 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

12.88

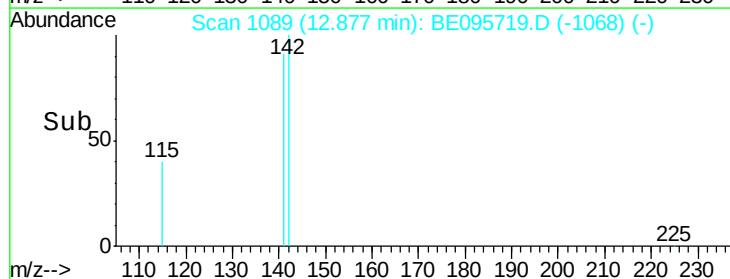
3000

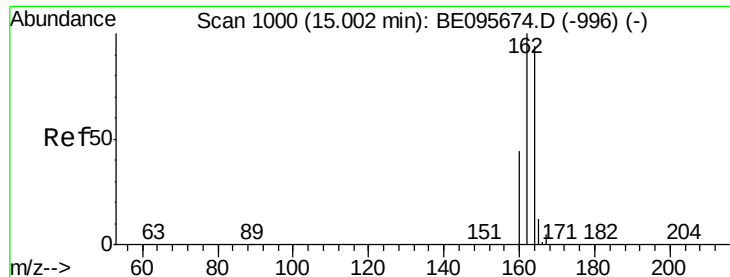
2000

1000

0

Time-->





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 15.00 min Scan# 1286

Delta R.T. -0.00 min

Lab File: BE095719.D

Acq: 7 Mar 2018 12:16

Instrument :

BNA_E

ClientSampleId :

PB107119BS

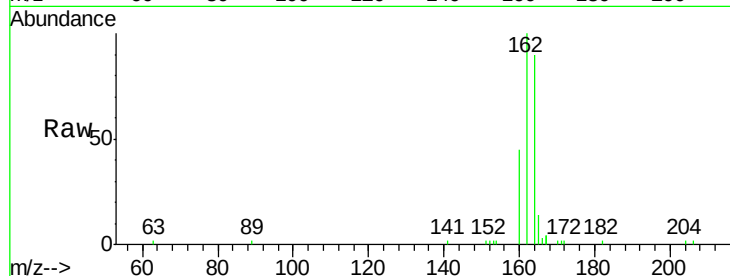
Tot Ion:164 Resp: 3131

Ion Ratio Lower Upper

164 100

162 111.4 83.1 124.7

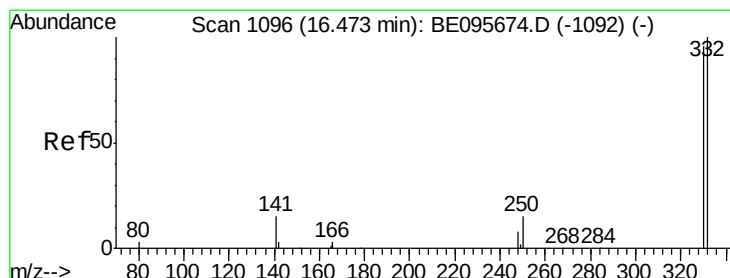
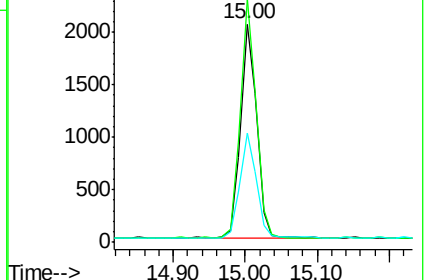
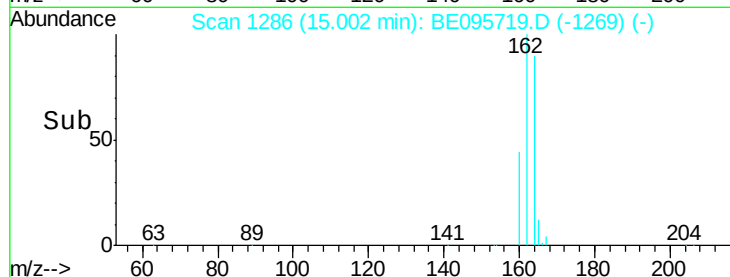
160 50.0 37.1 55.7



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: 0.386 ng

RT: 16.47 min Scan# 1409

Delta R.T. -0.00 min

Lab File: BE095719.D

Acq: 7 Mar 2018 12:16

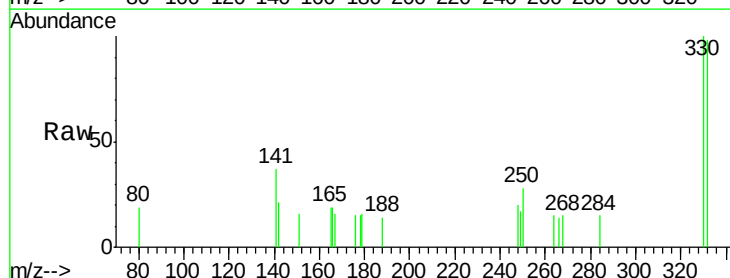
Tgt Ion:330 Resp: 406

Ion Ratio Lower Upper

330 100

332 96.6 152.7 229.1#

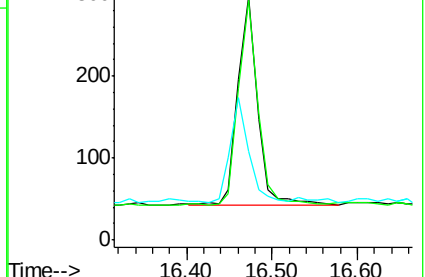
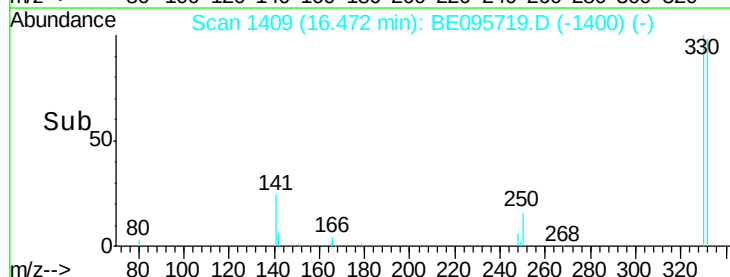
141 47.8 33.7 50.5

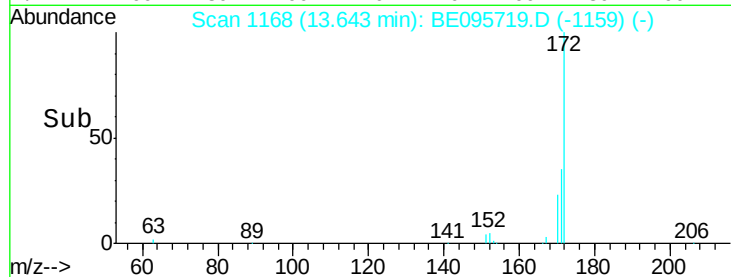
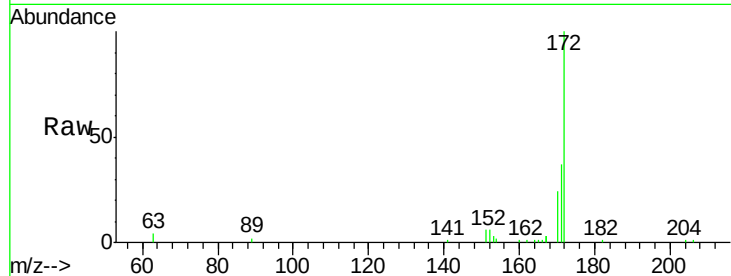
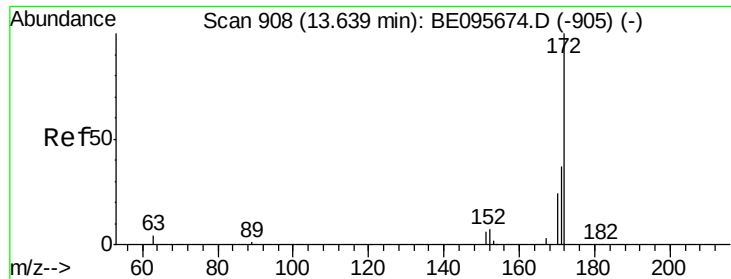


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

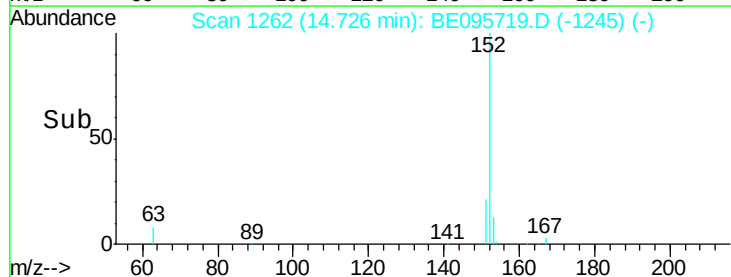
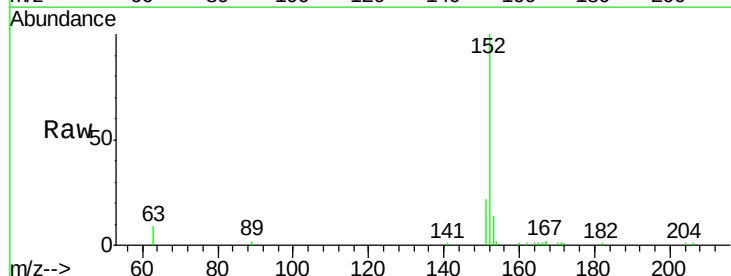
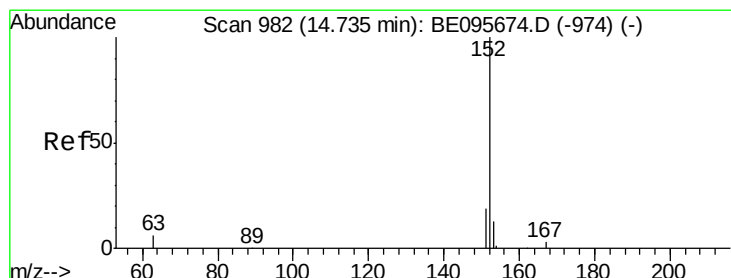
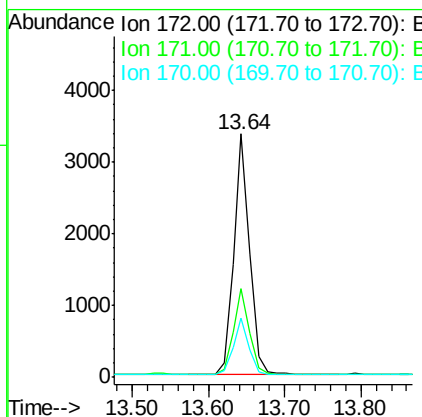




#15
2-Fluorobiphenyl
Concen: 0.348 ng
RT: 13.64 min Scan# 1168
Delta R.T. 0.00 min
Lab File: BE095719.D
Acq: 7 Mar 2018 12:16

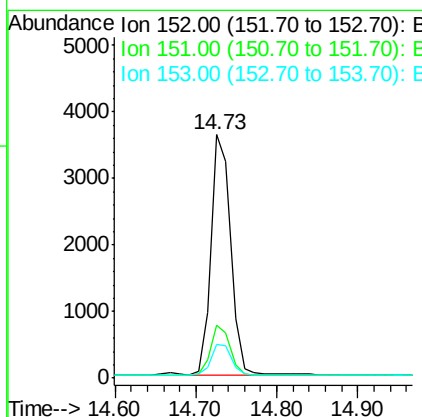
Instrument :
BNA_E
ClientSampleId :
PB107119BS

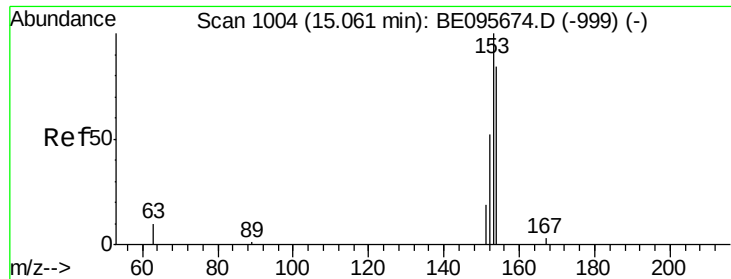
Tot Ion:172 Resp: 4874
Ion Ratio Lower Upper
172 100
171 36.5 29.9 44.9
170 24.2 21.8 32.8



#16
Acenaphthylene
Concen: 0.347 ng
RT: 14.73 min Scan# 1262
Delta R.T. -0.01 min
Lab File: BE095719.D
Acq: 7 Mar 2018 12:16

Tgt Ion:152 Resp: 6106
Ion Ratio Lower Upper
152 100
151 20.4 15.7 23.5
153 13.6 10.5 15.7





#17

Acenaphthene

Concen: 0.348 ng

RT: 15.06 min Scan# 1291

Delta R.T. -0.00 min

Lab File: BE095719.D

Acq: 7 Mar 2018 12:16

Instrument :

BNA_E

ClientSampleId :

PB107119BS

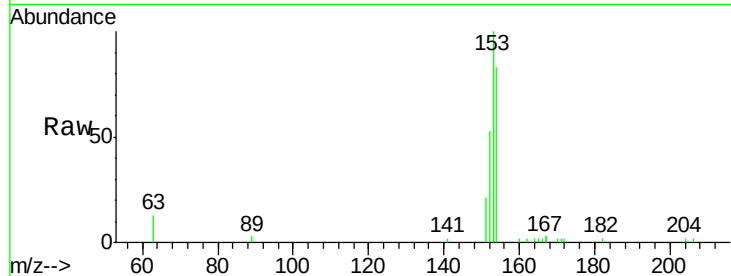
Tot Ion:154 Resp: 3849

Ion Ratio Lower Upper

154 100

153 116.5 89.2 133.8

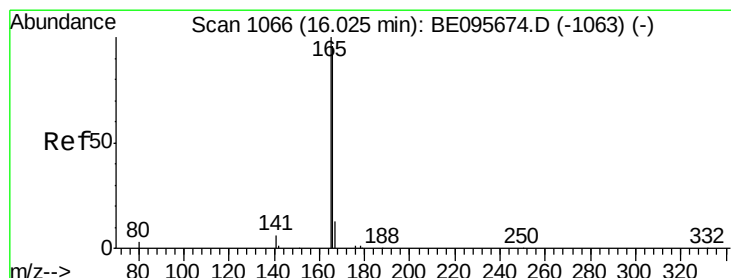
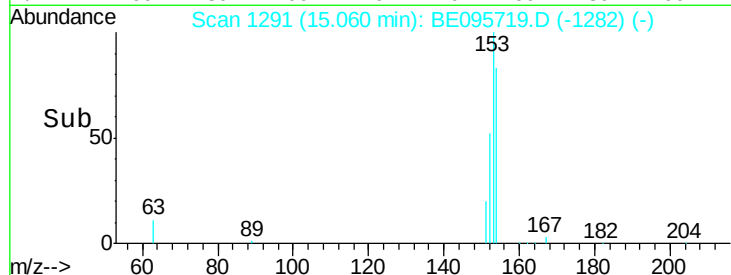
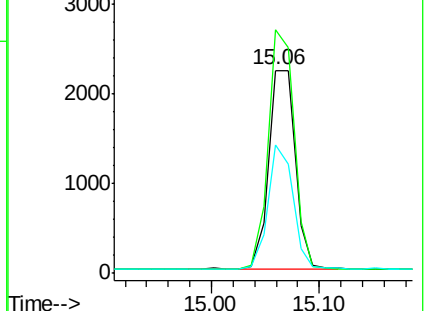
152 58.1 42.0 63.0



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: 0.349 ng

RT: 16.03 min Scan# 1371

Delta R.T. 0.00 min

Lab File: BE095719.D

Acq: 7 Mar 2018 12:16

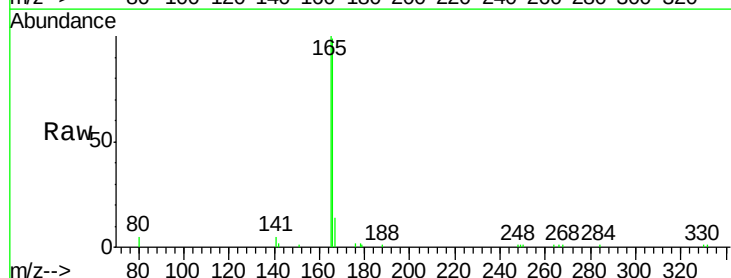
Tgt Ion:166 Resp: 4774

Ion Ratio Lower Upper

166 100

165 100.1 77.8 116.6

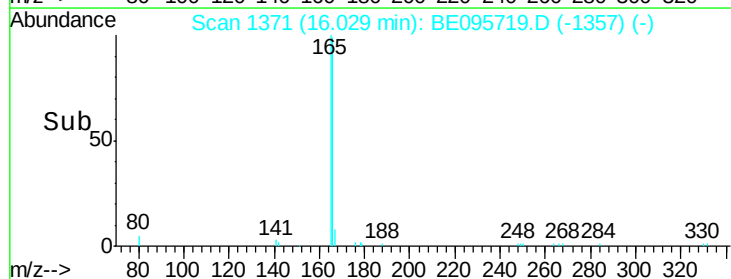
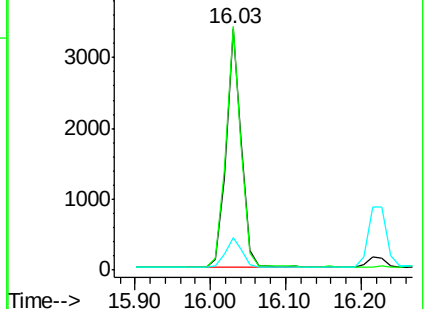
167 13.1 42.4 63.6#

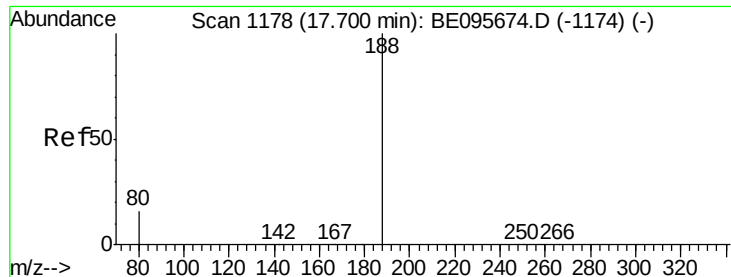


Abundance Ion 166.00 (165.70 to 166.70): E

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: 17.71 min Scan# 1515

Delta R.T. 0.01 min

Lab File: BE095719.D

Acq: 7 Mar 2018 12:16

Instrument :

BNA_E

ClientSampleId :

PB107119BS

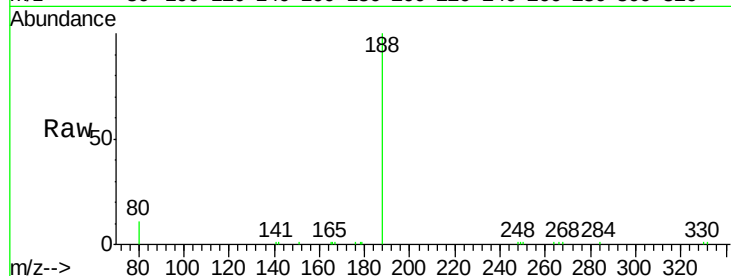
Tot Ion:188 Resp: 7099

Ion Ratio Lower Upper

188 100

94 0.0 3.9 5.9#

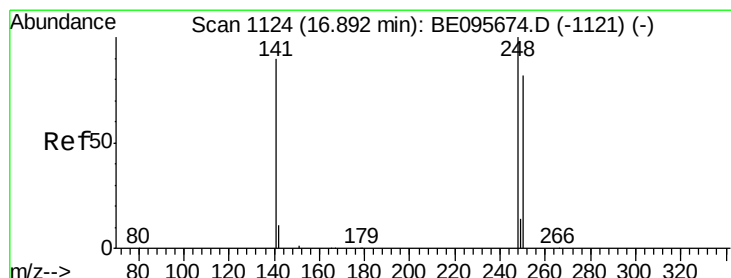
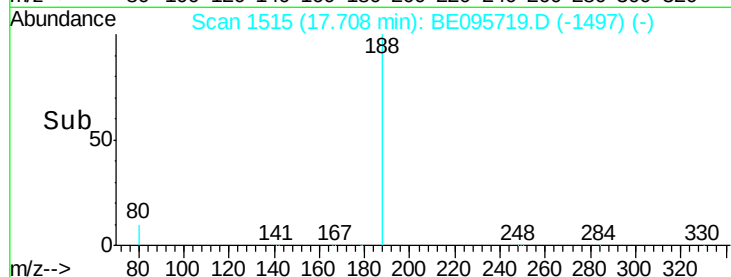
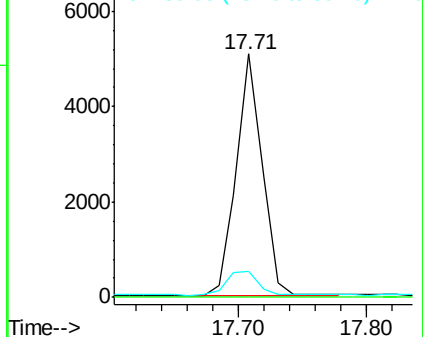
80 10.9 3.6 5.4#



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: 0.344 ng

RT: 16.90 min Scan# 1446

Delta R.T. 0.01 min

Lab File: BE095719.D

Acq: 7 Mar 2018 12:16

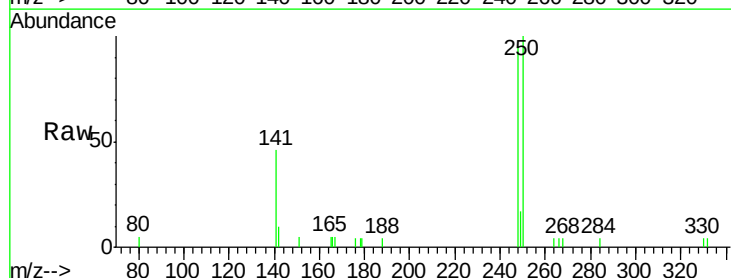
Tgt Ion:248 Resp: 1531

Ion Ratio Lower Upper

248 100

250 105.2 62.7 94.1#

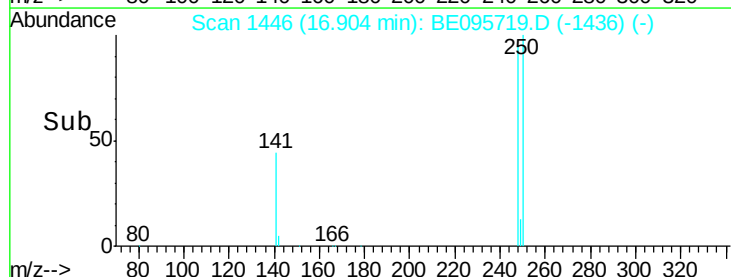
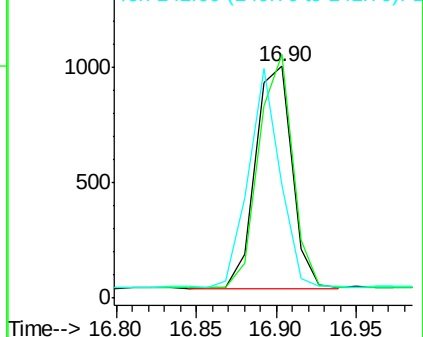
141 48.8 48.2 72.2

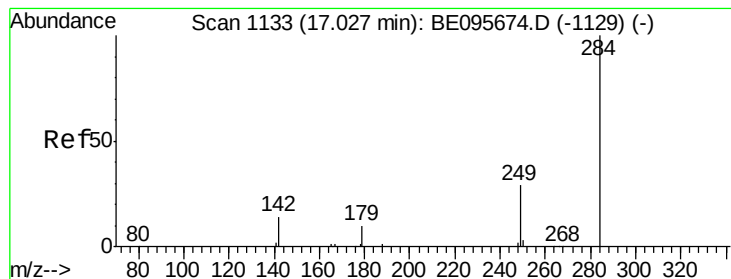


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.344 ng

RT: 17.02 min Scan# 1456

Delta R.T. -0.01 min

Lab File: BE095719.D

Acq: 7 Mar 2018 12:16

Instrument :

BNA_E

ClientSampleId :

PB107119BS

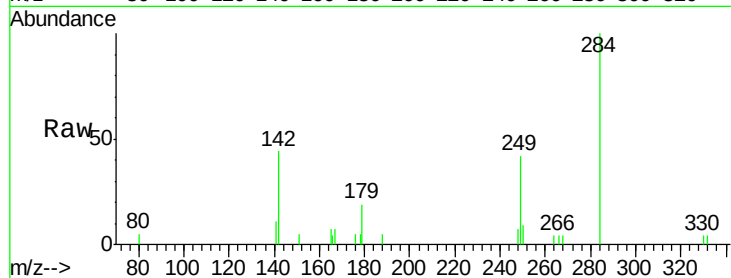
Tot Ion:284 Resp: 1588

Ion Ratio Lower Upper

284 100

142 41.6 22.1 33.1#

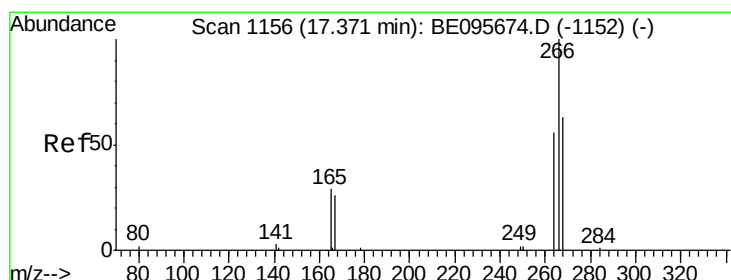
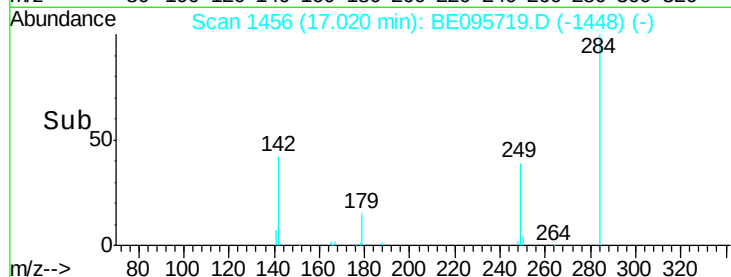
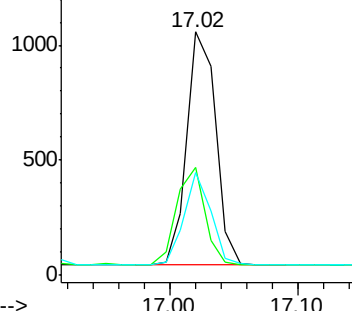
249 36.7 34.8 52.2



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: 0.389 ng

RT: 17.36 min Scan# 1485

Delta R.T. -0.01 min

Lab File: BE095719.D

Acq: 7 Mar 2018 12:16

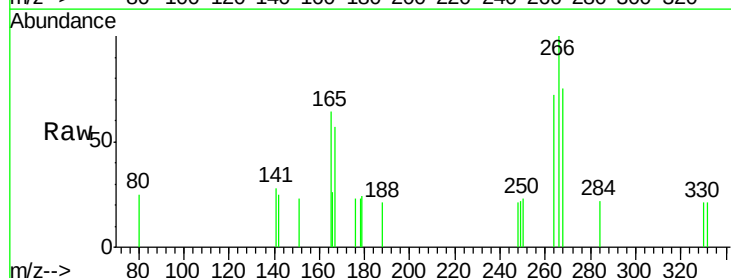
Tgt Ion:266 Resp: 357

Ion Ratio Lower Upper

266 100

264 72.1 72.5 108.7#

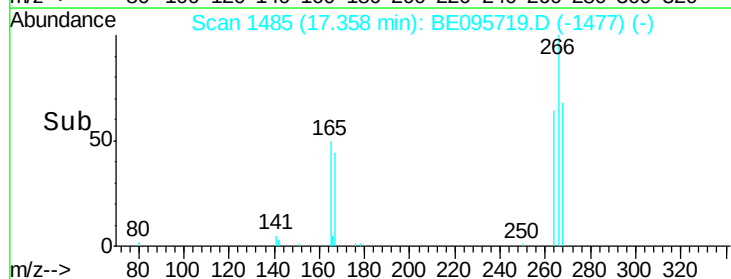
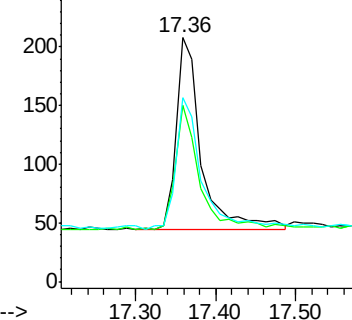
268 75.5 73.8 110.6

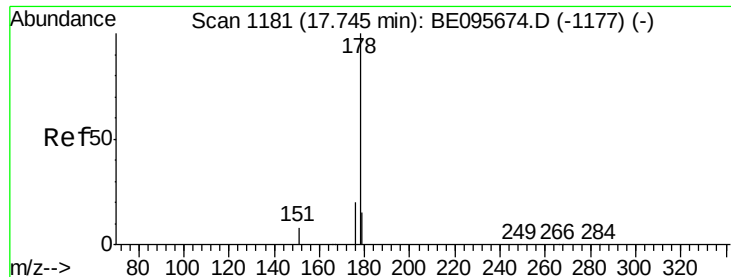


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.346 ng

RT: 17.74 min Scan# 1518

Delta R.T. -0.00 min

Lab File: BE095719.D

Acq: 7 Mar 2018 12:16

Instrument :

BNA_E

ClientSampleId :

PB107119BS

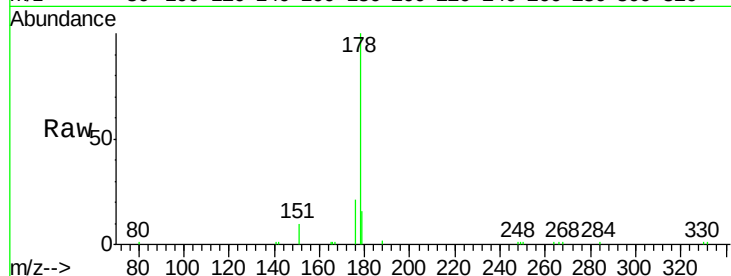
Tot Ion:178 Resp: 7677

Ion Ratio Lower Upper

178 100

176 19.2 15.1 22.7

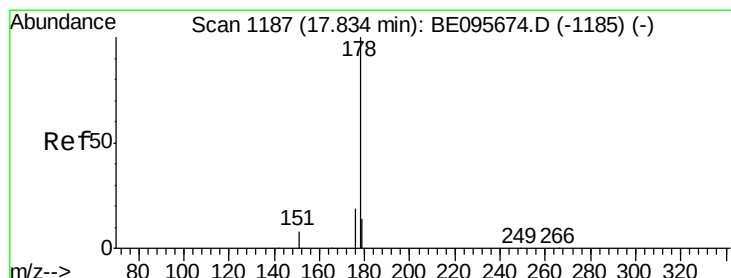
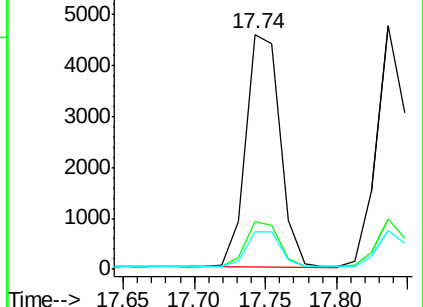
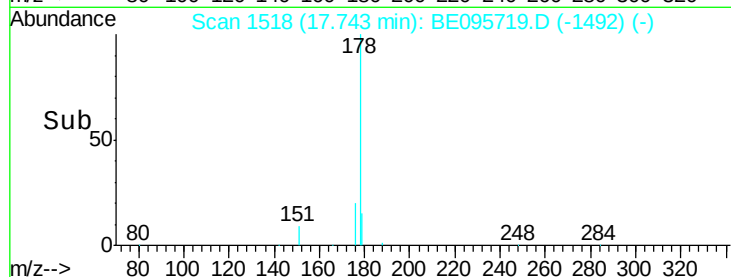
179 15.2 11.8 17.6



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: 0.339 ng

RT: 17.84 min Scan# 1526

Delta R.T. 0.00 min

Lab File: BE095719.D

Acq: 7 Mar 2018 12:16

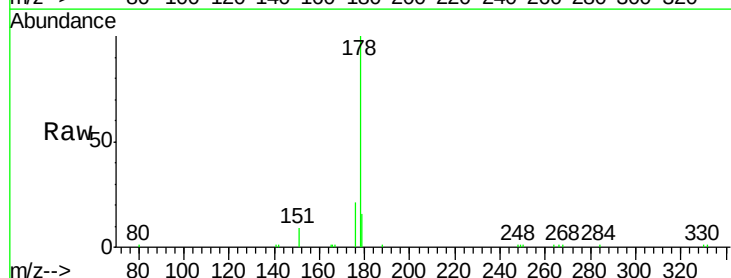
Tgt Ion:178 Resp: 6911

Ion Ratio Lower Upper

178 100

176 19.5 12.8 19.2#

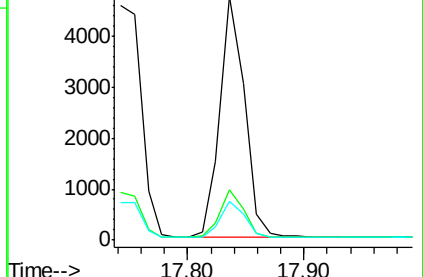
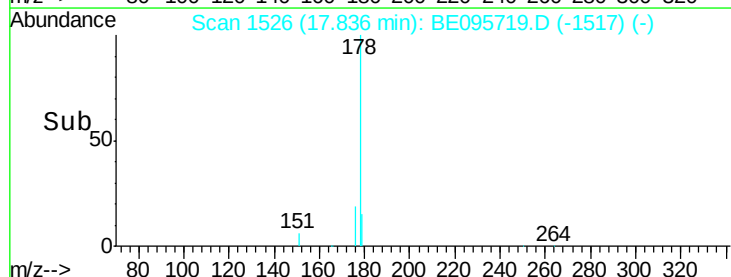
179 15.6 13.0 19.6

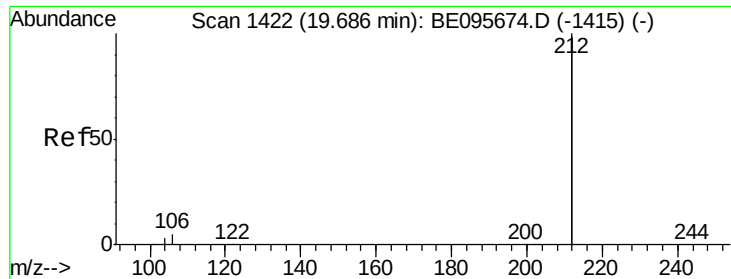


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

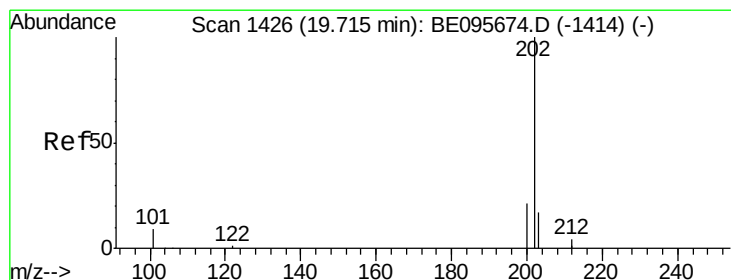
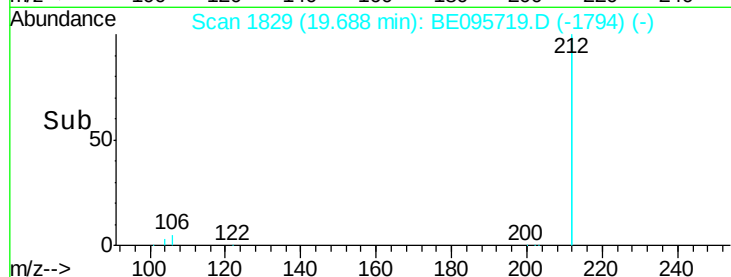
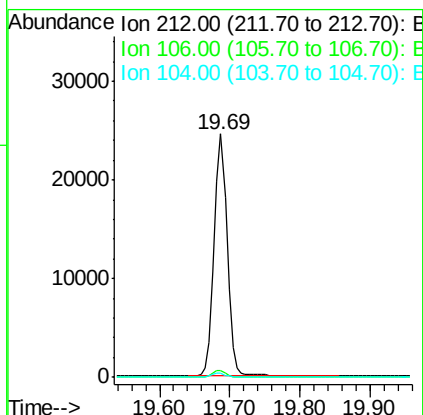
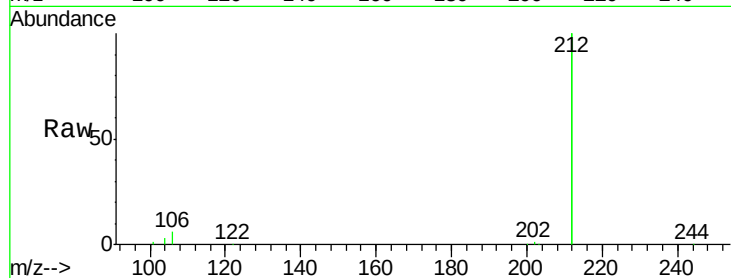




#25
 Fluoranthene-d10
 Concen: 0.337 ng
 RT: 19.69 min Scan# 1829
 Delta R.T. 0.00 min
 Lab File: BE095719.D
 Acq: 7 Mar 2018 12:16

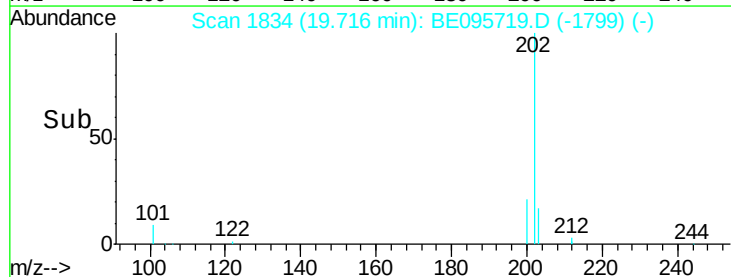
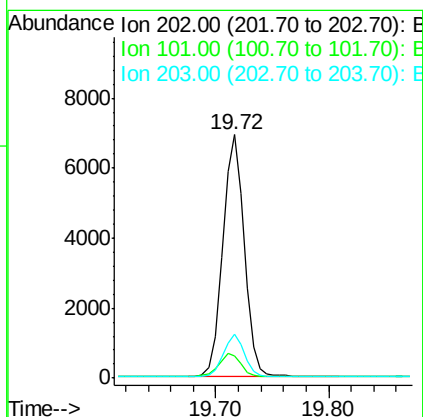
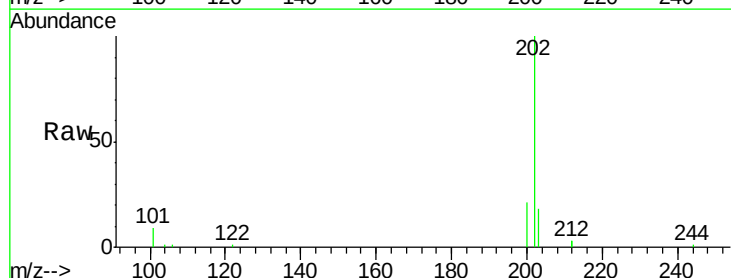
Instrument :
 BNA_E
 ClientSampleId :
 PB107119BS

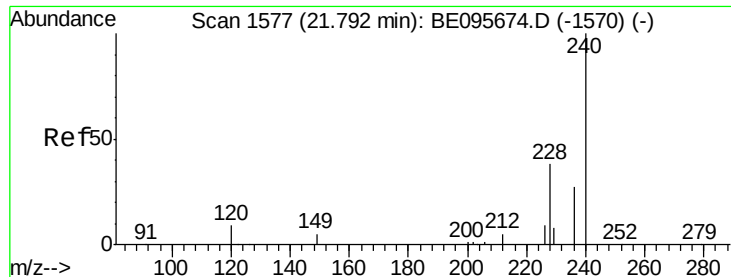
Tot Ion:212 Resp: 31214
 Ion Ratio Lower Upper
 212 100
 106 2.8 2.8 4.2
 104 1.7 1.6 2.4



#26
 Fluoranthene
 Concen: 0.336 ng
 RT: 19.72 min Scan# 1834
 Delta R.T. 0.00 min
 Lab File: BE095719.D
 Acq: 7 Mar 2018 12:16

Tgt Ion:202 Resp: 9183
 Ion Ratio Lower Upper
 202 100
 101 9.8 9.8 14.8#
 203 17.0 13.7 20.5





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.80 min Scan# 2029

Delta R.T. 0.01 min

Lab File: BE095719.D

Acq: 7 Mar 2018 12:16

Instrument :

BNA_E

ClientSampleId :

PB107119BS

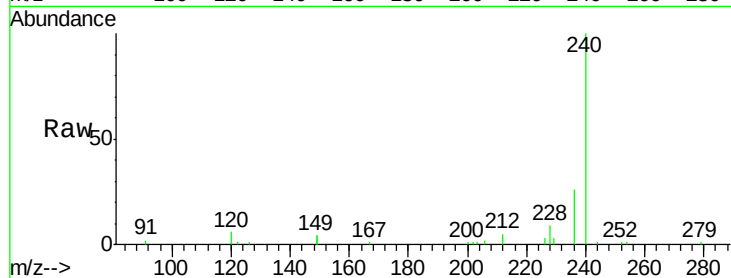
Tot Ion:240 Resp: 7200

Ion Ratio Lower Upper

240 100

120 5.8 5.5 8.3

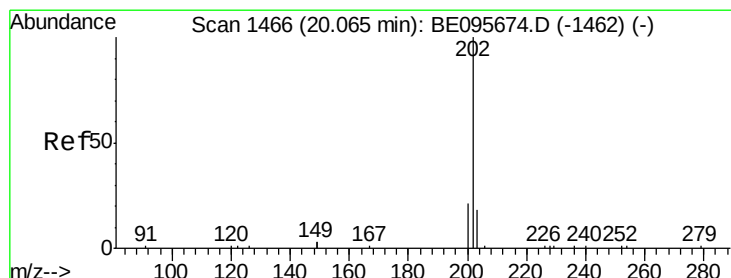
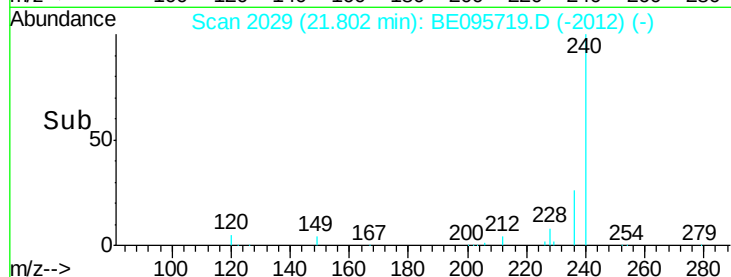
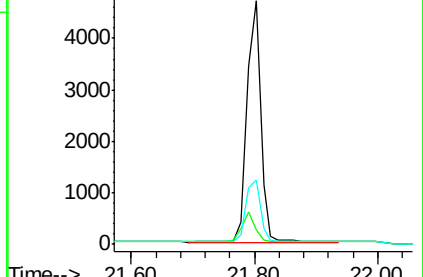
236 26.5 20.7 31.1



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: 0.377 ng

RT: 20.06 min Scan# 1885

Delta R.T. -0.00 min

Lab File: BE095719.D

Acq: 7 Mar 2018 12:16

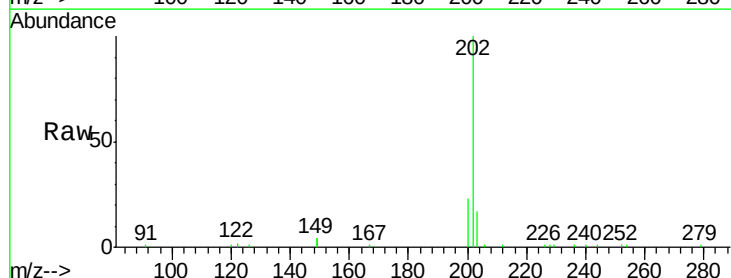
Tgt Ion:202 Resp: 11100

Ion Ratio Lower Upper

202 100

200 20.5 16.6 25.0

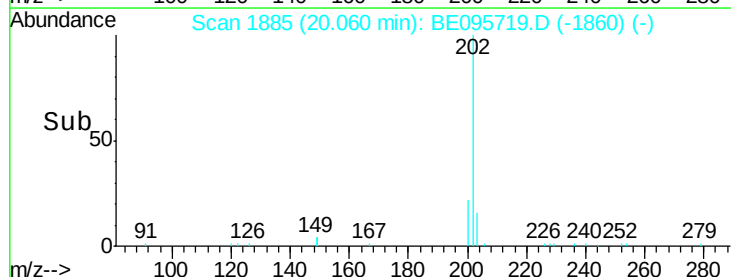
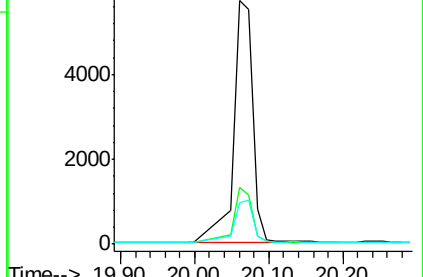
203 16.3 13.8 20.8

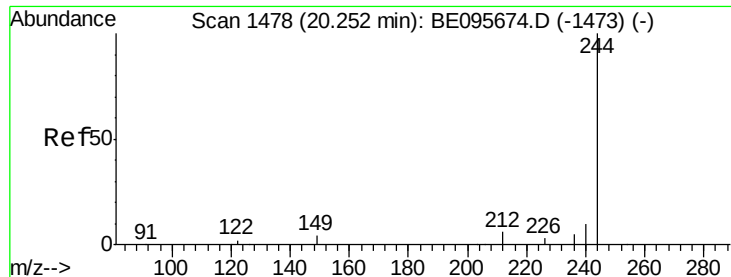


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.355 ng

RT: 20.24 min Scan# 1900

Delta R.T. -0.01 min

Lab File: BE095719.D

Acq: 7 Mar 2018 12:16

Instrument :

BNA_E

ClientSampleId :

PB107119BS

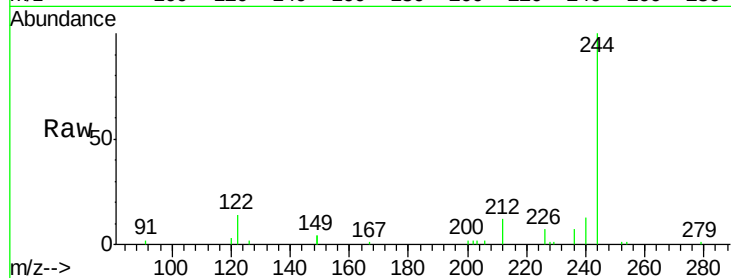
Tot Ion:244 Resp: 5088

Ion Ratio Lower Upper

244 100

212 11.8 25.4 38.0#

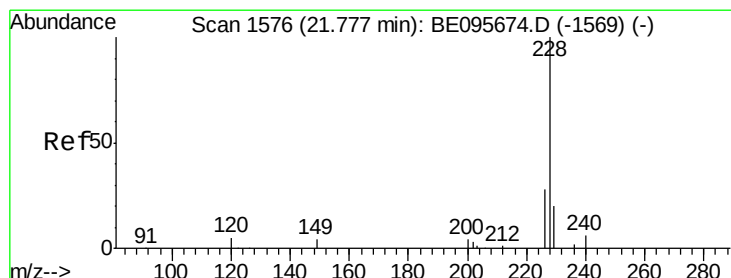
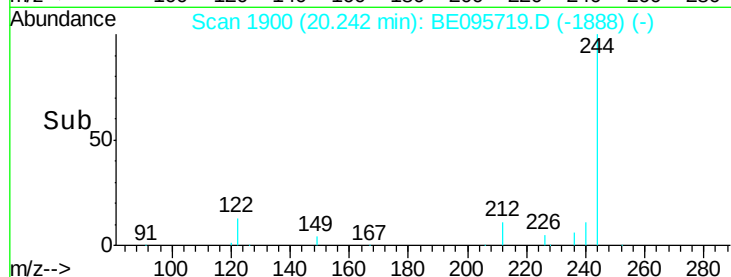
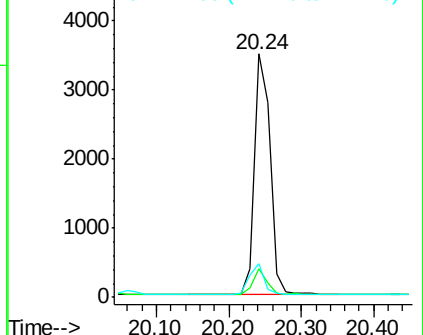
122 14.1 8.1 12.1#



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: 0.359 ng

RT: 21.78 min Scan# 2027

Delta R.T. 0.00 min

Lab File: BE095719.D

Acq: 7 Mar 2018 12:16

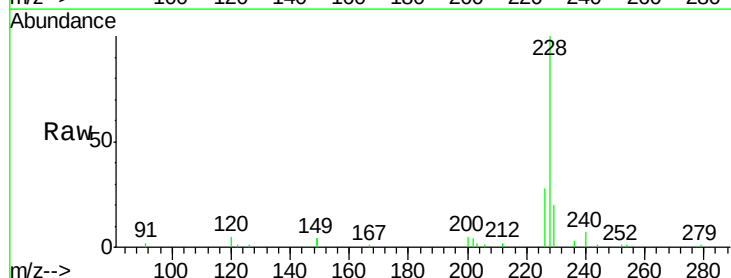
Tgt Ion:228 Resp: 8438

Ion Ratio Lower Upper

228 100

226 28.1 24.0 36.0

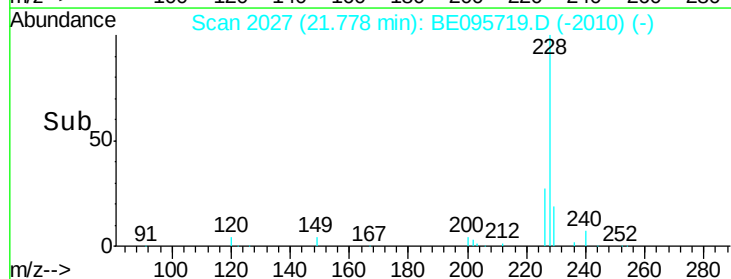
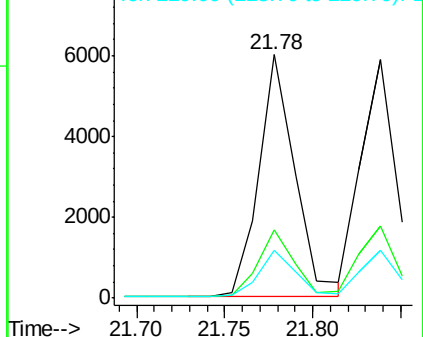
229 19.7 16.0 24.0

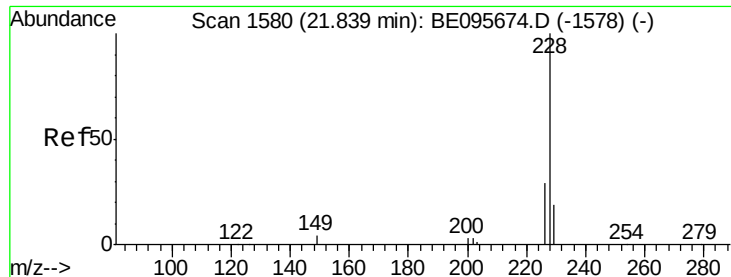


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.345 ng

RT: 21.84 min Scan# 2032

Delta R.T. -0.00 min

Lab File: BE095719.D

Acq: 7 Mar 2018 12:16

Instrument :

BNA_E

ClientSampleId :

PB107119BS

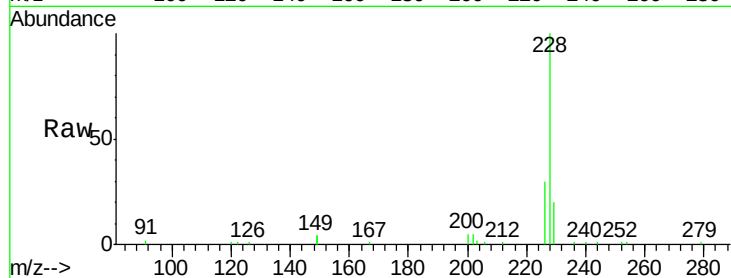
Tot Ion:228 Resp: 8062

Ion Ratio Lower Upper

228 100

226 30.4 24.0 36.0

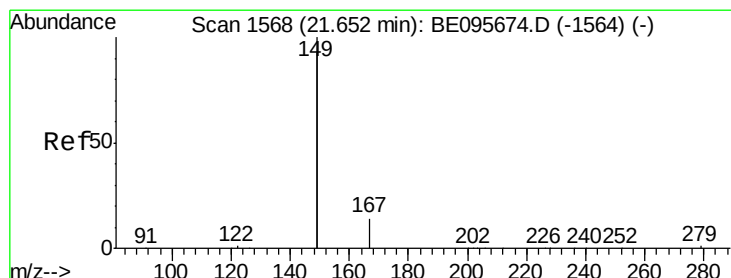
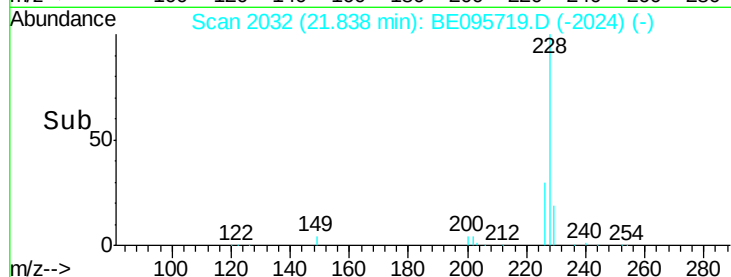
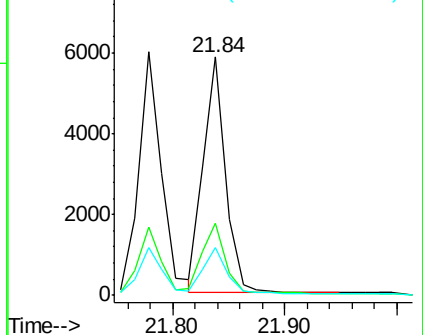
229 20.0 16.0 24.0



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: 0.358 ng

RT: 21.66 min Scan# 2017

Delta R.T. 0.00 min

Lab File: BE095719.D

Acq: 7 Mar 2018 12:16

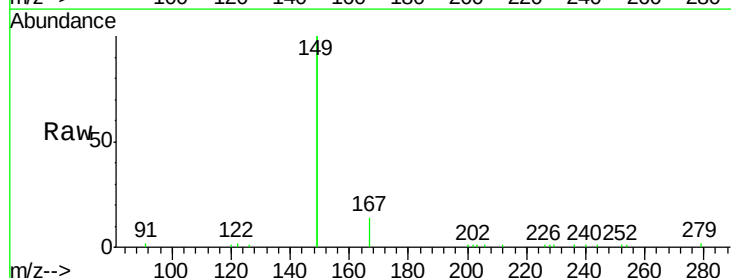
Tgt Ion:149 Resp: 14863

Ion Ratio Lower Upper

149 100

167 6.6 5.4 8.0

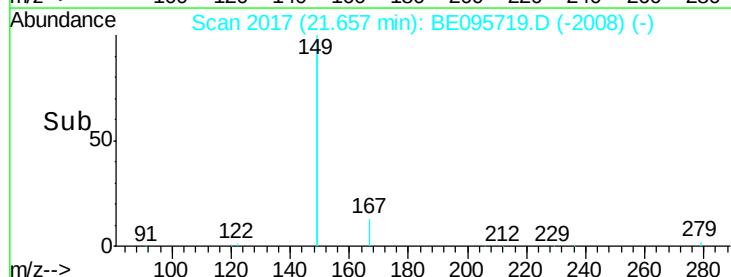
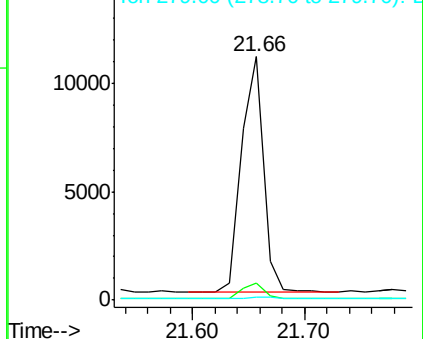
279 1.0 0.7 1.1

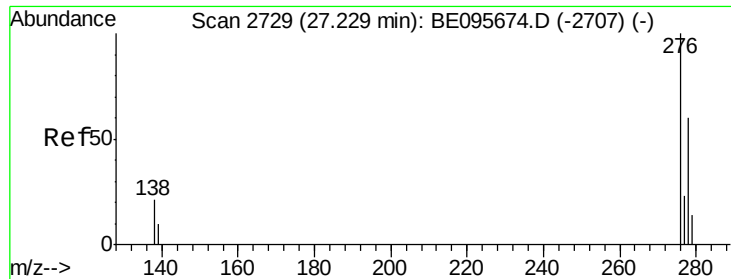


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

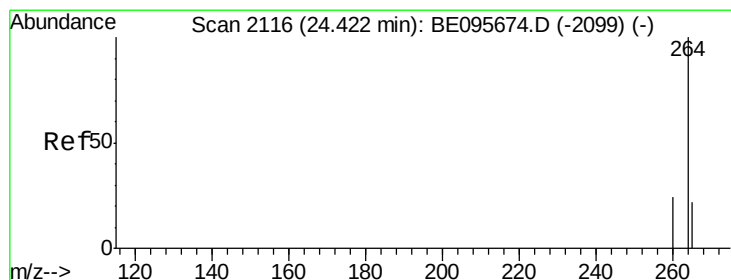
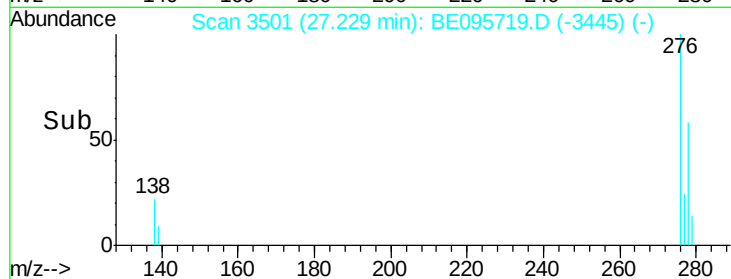
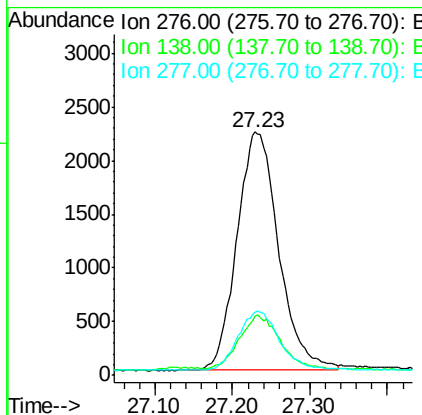
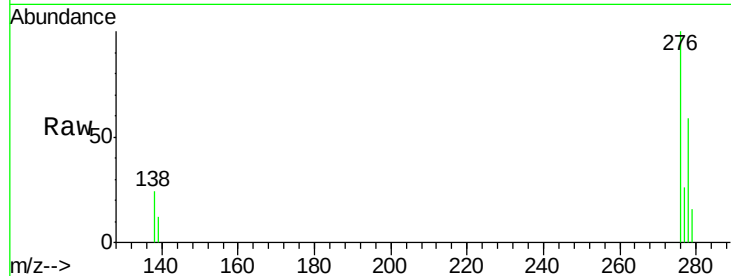




#33
Indeno(1,2,3-cd)pyrene
Concen: 0.367 ng
RT: 27.23 min Scan# 3501
Delta R.T. 0.00 min
Lab File: BE095719.D
Acq: 7 Mar 2018 12:16

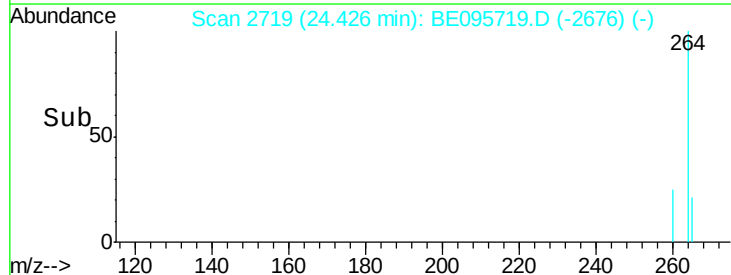
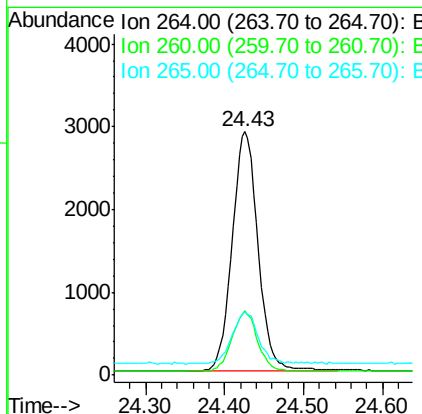
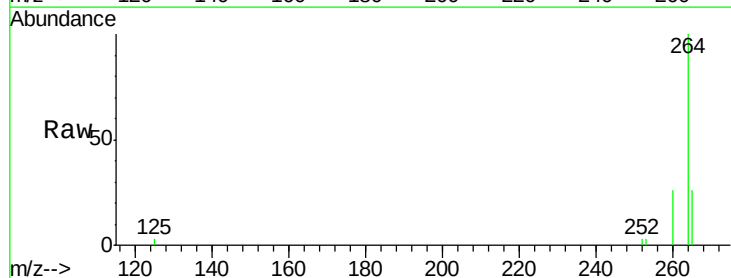
Instrument :
BNA_E
ClientSampleId :
PB107119BS

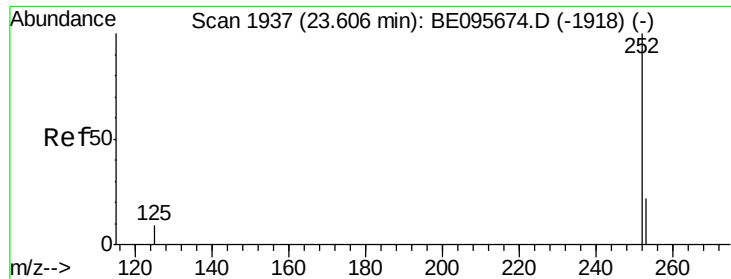
Tot Ion:276 Resp: 8317
Ion Ratio Lower Upper
276 100
138 21.6 22.5 33.7#
277 24.8 19.9 29.9



#34
Perylene-d12
Concen: 0.400 ng
RT: 24.43 min Scan# 2719
Delta R.T. 0.00 min
Lab File: BE095719.D
Acq: 7 Mar 2018 12:16

Tgt Ion:264 Resp: 6583
Ion Ratio Lower Upper
264 100
260 26.2 20.5 30.7
265 25.7 22.8 34.2





#35

Benzo(b)fluoranthene

Concen: 0.347 ng

RT: 23.61 min Scan# 2490

Delta R.T. 0.00 min

Lab File: BE095719.D

Acq: 7 Mar 2018 12:16

Instrument :

BNA_E

ClientSampleId :

PB107119BS

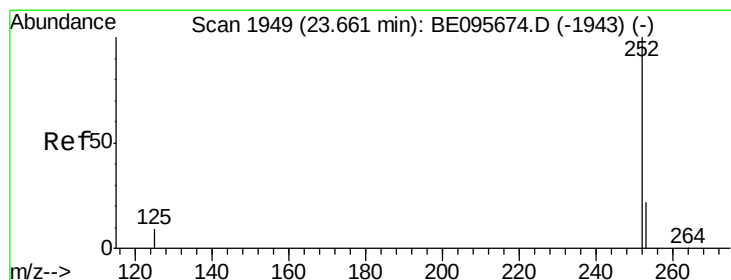
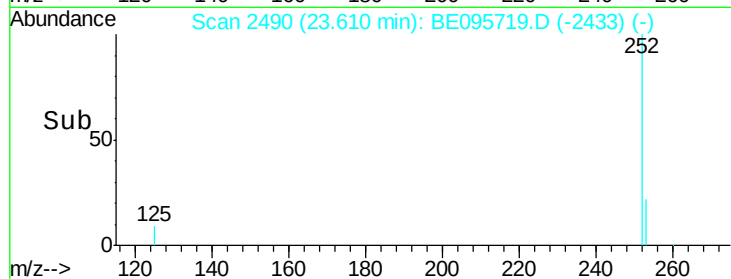
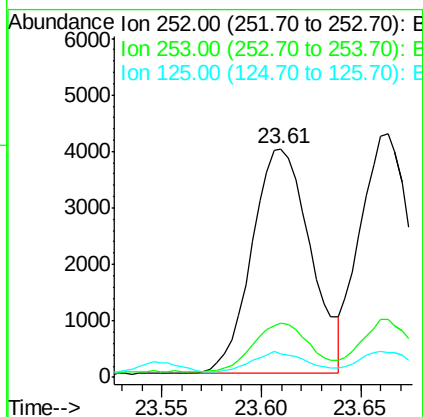
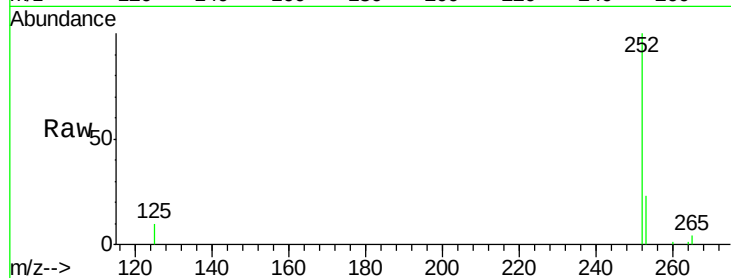
Tot Ion:252 Resp: 8130

Ion Ratio Lower Upper

252 100

253 23.4 20.0 30.0

125 10.5 16.0 24.0#



#36

Benzo(k)fluoranthene

Concen: 0.335 ng

RT: 23.66 min Scan# 2505

Delta R.T. 0.00 min

Lab File: BE095719.D

Acq: 7 Mar 2018 12:16

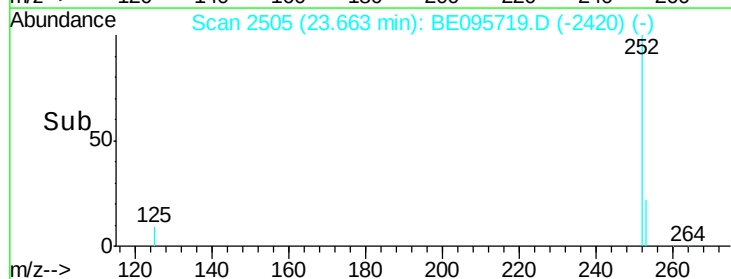
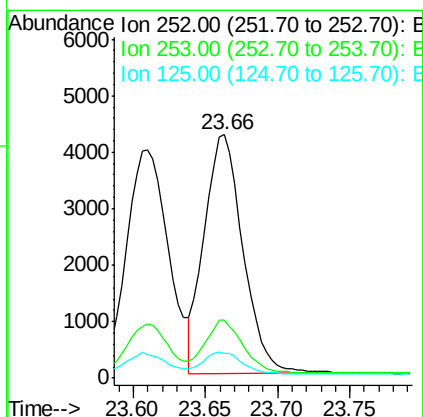
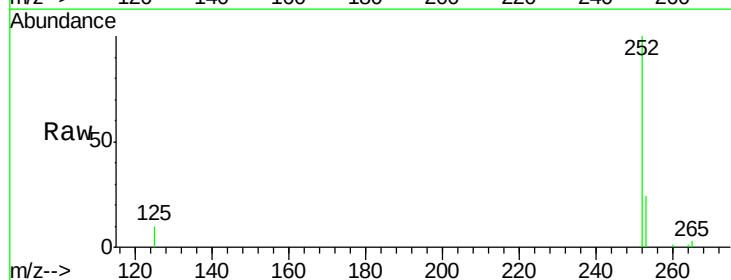
Tgt Ion:252 Resp: 7824

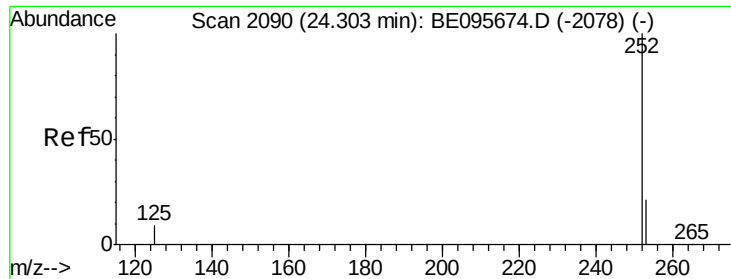
Ion Ratio Lower Upper

252 100

253 23.7 16.0 24.0

125 10.3 8.0 12.0





#37

Benzo(a)pyrene

Concen: 0.354 ng

RT: 24.30 min Scan# 2685

Delta R.T. 0.00 min

Lab File: BE095719.D

Acq: 7 Mar 2018 12:16

Instrument :

BNA_E

ClientSampleId :

PB107119BS

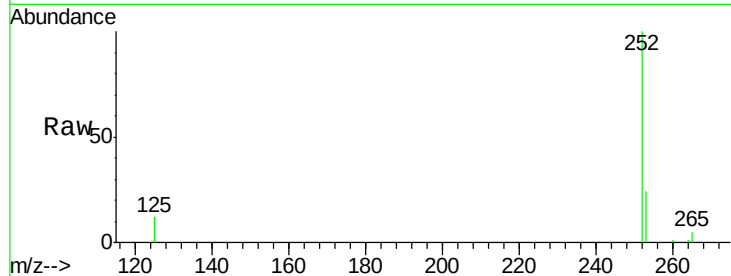
Tot Ion:252 Resp: 7481

Ion Ratio Lower Upper

252 100

253 23.7 16.0 24.0

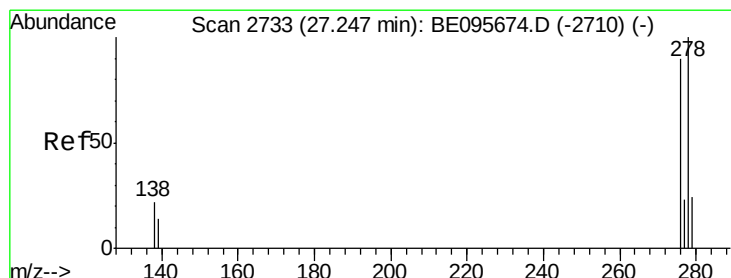
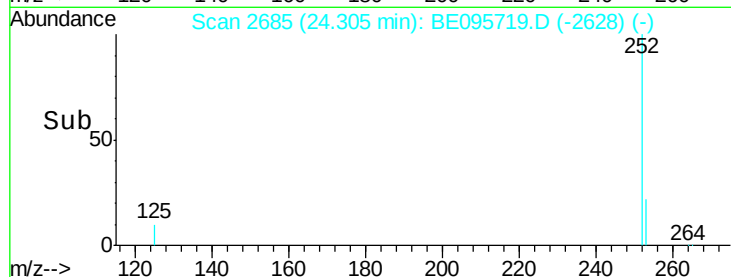
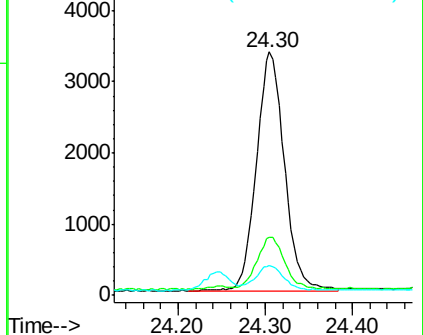
125 12.1 12.0 18.0



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: 0.363 ng

RT: 27.25 min Scan# 3506

Delta R.T. -0.00 min

Lab File: BE095719.D

Acq: 7 Mar 2018 12:16

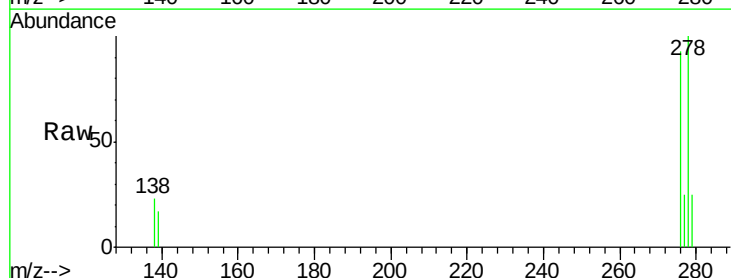
Tgt Ion:278 Resp: 6818

Ion Ratio Lower Upper

278 100

139 16.9 16.0 24.0

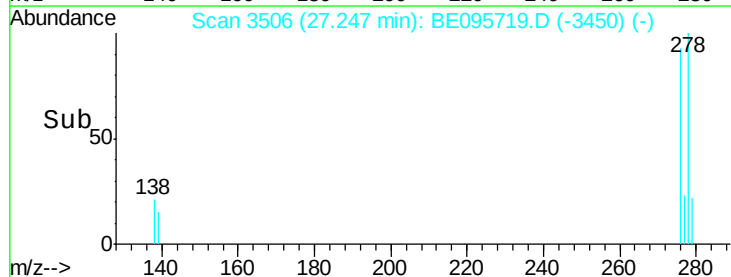
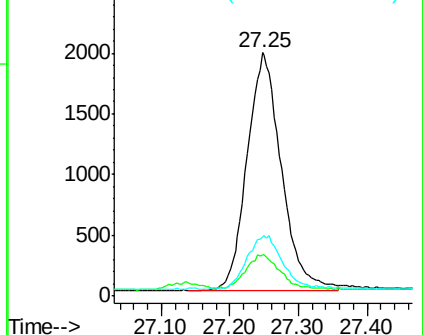
279 24.6 20.0 30.0

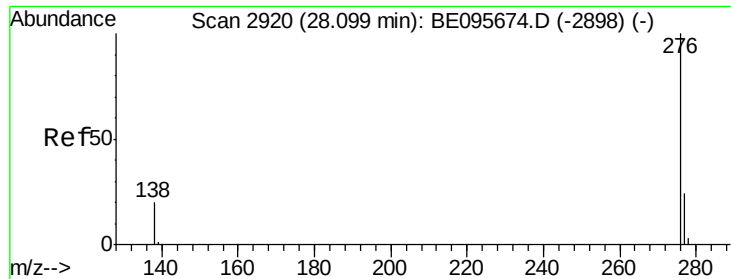


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#39

Benzo(a,h,i)perylene

Concen: 0.344 ng

RT: 28.10 min Scan# 3746

Delta R.T. 0.00 min

Lab File: BE095719.D

Acq: 7 Mar 2018 12:16

Instrument :

BNA_E

ClientSampleId :

PB107119BS

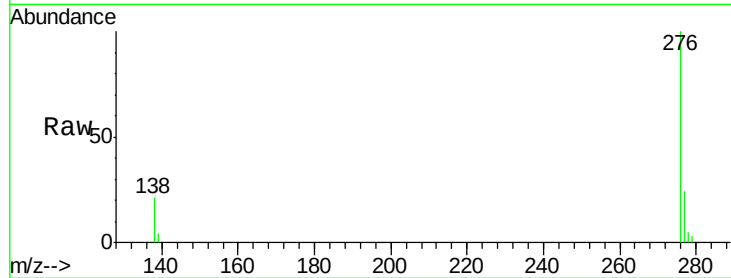
Tot Ion: 276 Resp: 6923

Ion Ratio Lower Upper

276 100

277 24.0 16.0 24.0#

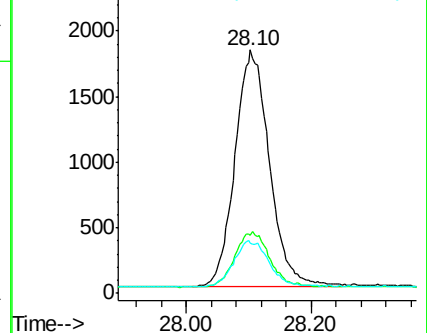
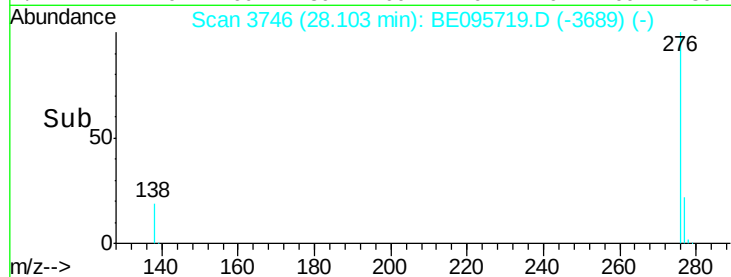
138 20.9 20.0 30.0



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E



Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA E\DATA\BE030718\
 Data File : BE095719.D
 Acq On : 7 Mar 2018 12:16
 Operator : SJ/JU
 Sample : PB107119BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB107119BS

Quant Time: Mar 07 14:22:14 2018
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE022318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 23 12:12:42 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.43	152	1269	0.40	ng	0.00
7) Naphthalene-d8	11.27	136	5248	0.40	ng	0.00
13) Acenaphthene-d10	15.00	164	3131	0.40	ng	0.00
19) Phenanthrene-d10	17.71	188	7099	0.40	ng	0.00
27) Chrysene-d12	21.80	240	7200	0.40	ng	0.00
34) Perylene-d12	24.43	264	6583	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.92	112	1303	0.39	ng	0.00
5) Phenol-d6	7.56	99	1897	0.41	ng	0.00
8) Nitrobenzene-d5	9.61	82	1939	0.36	ng	0.00
11) 2-Methylnaphthalene-d10	12.80	152	3298	0.38	ng	0.00
14) 2,4,6-Tribromophenol	16.47	330	406	0.39	ng	0.00
15) 2-Fluorobiphenyl	13.64	172	4874	0.35	ng	0.00
25) Fluoranthene-d10	19.69	212	31214	0.34	ng	0.00
29) Terphenyl-d14	20.24	244	5088	0.35	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.64	88	784	0.392	ng	# 91
3) n-Nitrosodimethylamine	4.00	42	913	0.369	ng	85
6) bis(2-Chloroethyl)ether	7.83	93	1818	0.382	ng	96
9) Naphthalene	11.31	128	22743	0.376	ng	99
10) Hexachlorobutadiene	11.57	225	1404	0.398	ng	96
12) 2-Methylnaphthalene	12.88	142	3866	0.370	ng	96
16) Acenaphthylene	14.73	152	6106	0.347	ng	99
17) Acenaphthene	15.06	154	3849	0.348	ng	94
18) Fluorene	16.03	166	4774	0.349	ng	# 78
20) 4-Bromophenyl-phenylether	16.90	248	1531	0.344	ng	# 76
21) Hexachlorobenzene	17.02	284	1588	0.344	ng	# 83
22) Pentachlorophenol	17.36	266	357	0.389	ng	# 81
23) Phenanthrene	17.74	178	7677	0.346	ng	99
24) Anthracene	17.84	178	6911	0.339	ng	# 95
26) Fluoranthene	19.72	202	9183	0.336	ng	# 97
28) Pyrene	20.06	202	11100	0.377	ng	99
30) Benzo(a)anthracene	21.78	228	8438	0.359	ng	98
31) Chrysene	21.84	228	8062	0.345	ng	100
32) Bis(2-ethylhexyl)phthalate	21.66	149	14863	0.358	ng	100
33) Indeno(1,2,3-cd)pyrene	27.23	276	8317	0.367	ng	# 93
35) Benzo(b)fluoranthene	23.61	252	8130	0.347	ng	# 89
36) Benzo(k)fluoranthene	23.66	252	7824	0.335	ng	94
37) Benzo(a)pyrene	24.30	252	7481	0.354	ng	92
38) Dibenzo(a,h)anthracene	27.25	278	6818	0.363	ng	97
39) Benzo(g,h,i)perylene	28.10	276	6923	0.344	ng	# 92

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