

Data Path : Z:\HPCHEM1\BNA E\DATA\BE040418\
 Data File : BE095944.D
 Acq On : 4 Apr 2018 13:14
 Operator : SJ/JU
 Sample : J2148-06MSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Apr 05 02:47:40 2018
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE032318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 23 12:41:11 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.42	152	1392	0.40	ng	0.00
7) Naphthalene-d8	11.24	136	5265	0.40	ng	-0.01
13) Acenaphthene-d10	14.99	164	2789	0.40	ng	-0.01
19) Phenanthrene-d10	17.70	188	6262	0.40	ng	-0.01
27) Chrysene-d12	21.79	240	7126	0.40	ng	-0.01
34) Perylene-d12	24.42	264	7261	0.40	ng	-0.02

System Monitoring Compounds						
4) 2-Fluorophenol	5.91	112	1685	0.37	ng	0.00
5) Phenol-d6	7.56	99	2387	0.38	ng	0.00
8) Nitrobenzene-d5	9.59	82	2294	0.37	ng	0.00
11) 2-Methylnaphthalene-d10	12.79	152	2945	0.34	ng	-0.01
14) 2,4,6-Tribromophenol	16.46	330	513	0.32	ng	-0.01
15) 2-Fluorobiphenyl	13.63	172	4161	0.35	ng	-0.01
25) Fluoranthene-d10	19.68	212	27465	0.30	ng	-0.01
29) Terphenyl-d14	20.24	244	4297	0.28	ng	0.00

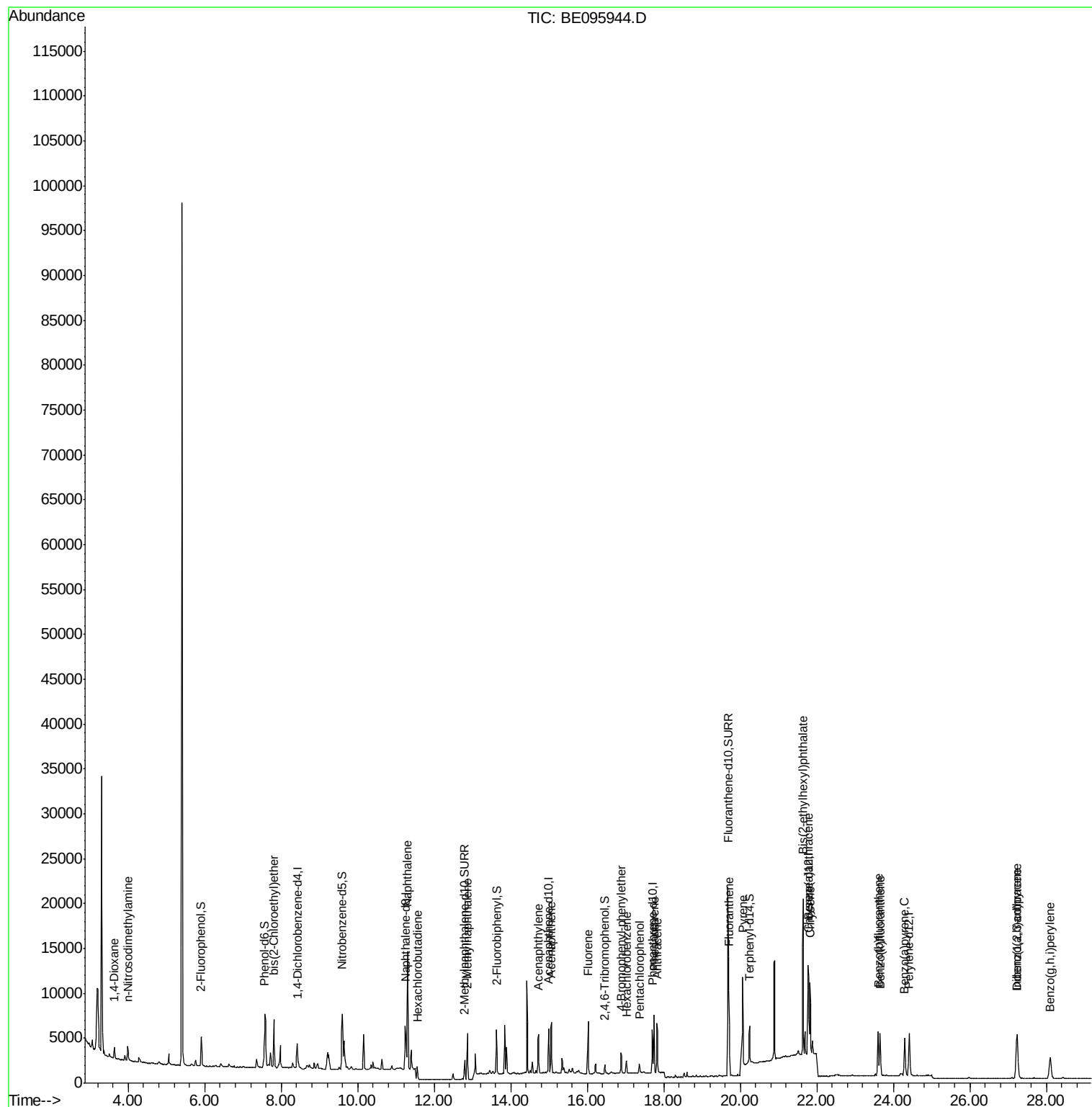
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.63	88	688	0.302	ng	# 48
3) n-Nitrosodimethylamine	3.99	42	1079	0.323	ng	# 85
6) bis(2-Chloroethyl)ether	7.81	93	1809	0.332	ng	93
9) Naphthalene	11.30	128	21143	0.352	ng	100
10) Hexachlorobutadiene	11.55	225	1204	0.292	ng	96
12) 2-Methylnaphthalene	12.86	142	3415	0.333	ng	96
16) Acenaphthylene	14.73	152	5236	0.328	ng	98
17) Acenaphthene	15.06	154	3040	0.312	ng	96
18) Fluorene	16.02	166	3963	0.310	ng	# 79
20) 4-Bromophenyl-phenylether	16.89	248	1170	0.311	ng	# 79
21) Hexachlorobenzene	17.02	284	1149	0.306	ng	# 83
22) Pentachlorophenol	17.36	266	593	0.549	ng	# 75
23) Phenanthrene	17.74	178	6667	0.356	ng	98
24) Anthracene	17.82	178	6154	0.328	ng	# 95
26) Fluoranthene	19.71	202	8569	0.329	ng	97
28) Pyrene	20.06	202	10598	0.365	ng	95
30) Benzo(a)anthracene	21.78	228	7748	0.314	ng	95
31) Chrysene	21.83	228	7256	0.322	ng	97
32) Bis(2-ethylhexyl)phthalate	21.64	149	21582	0.286	ng	100
33) Indeno(1,2,3-cd)pyrene	27.22	276	7179	0.295	ng	94
35) Benzo(b)fluoranthene	23.60	252	7191	0.299	ng	# 92
36) Benzo(k)fluoranthene	23.66	252	6840	0.285	ng	# 88
37) Benzo(a)pyrene	24.30	252	6776	0.301	ng	# 94
38) Dibenzo(a,h)anthracene	27.24	278	5617	0.263	ng	95
39) Benzo(g,h,i)perylene	28.10	276	6084	0.283	ng	# 92

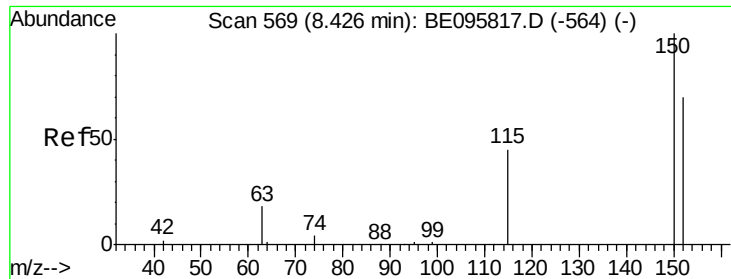
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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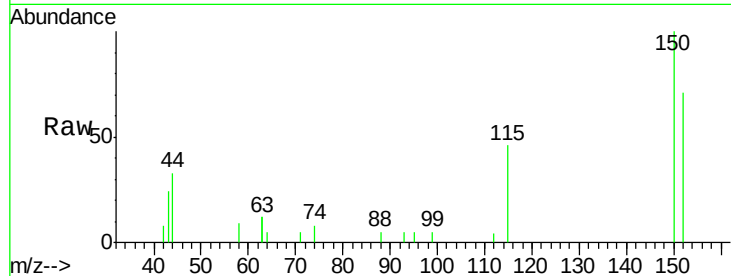


#1

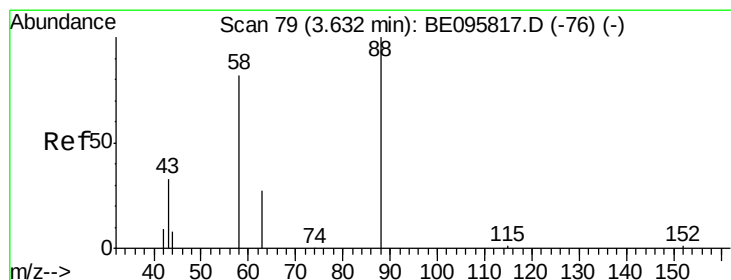
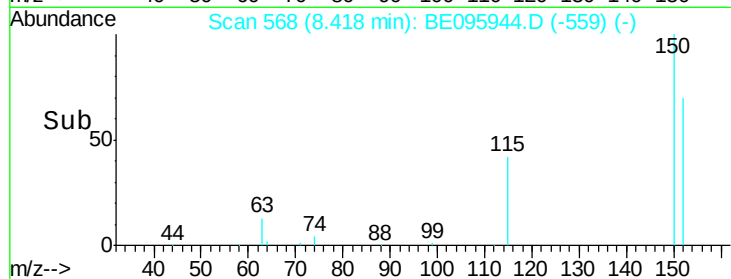
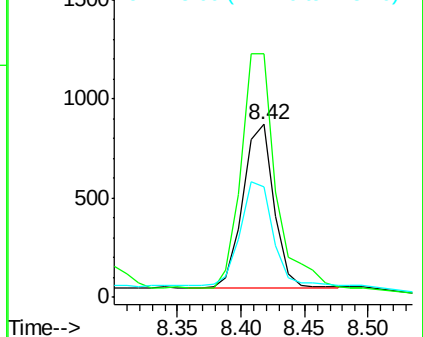
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.42 min Scan# 568
Delta R.T. -0.01 min
Lab File: BE095944.D
Acq: 4 Apr 2018 13:14

Instrument :
BNA_E
ClientSampleId :

Tot Ion:152 Resp: 1392
Ion Ratio Lower Upper
152 100
150 140.8 117.2 175.8
115 64.2 57.0 85.6



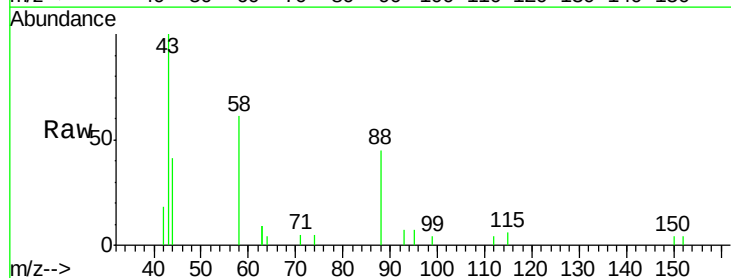
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



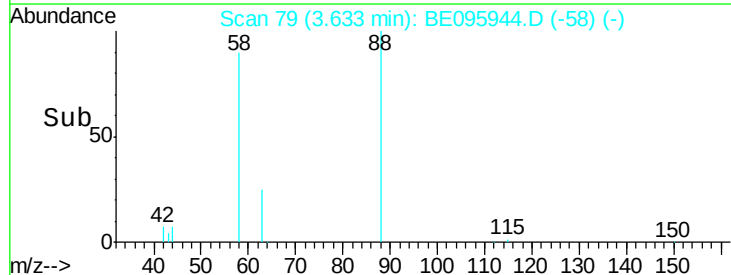
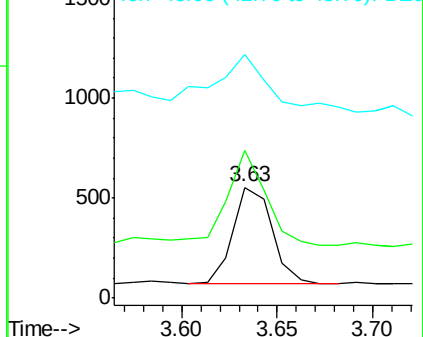
#2

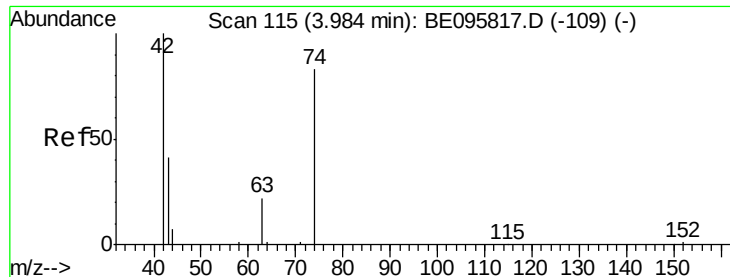
1,4-Dioxane
Concen: 0.302 ng
RT: 3.63 min Scan# 79
Delta R.T. 0.00 min
Lab File: BE095944.D
Acq: 4 Apr 2018 13:14

Tgt Ion: 88 Resp: 688
Ion Ratio Lower Upper
88 100
58 100.1 63.2 94.8#
43 118.5 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



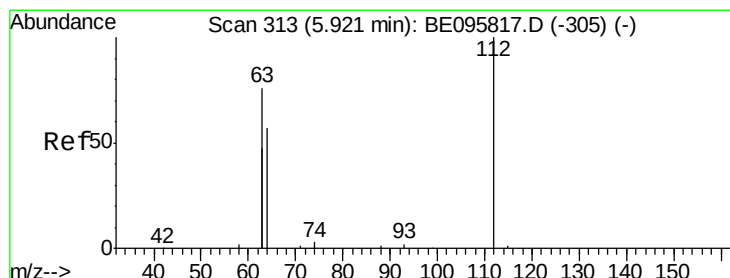
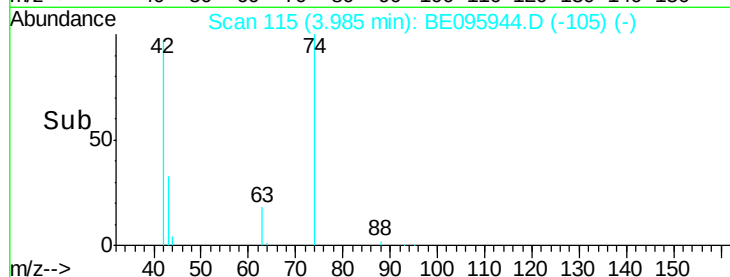
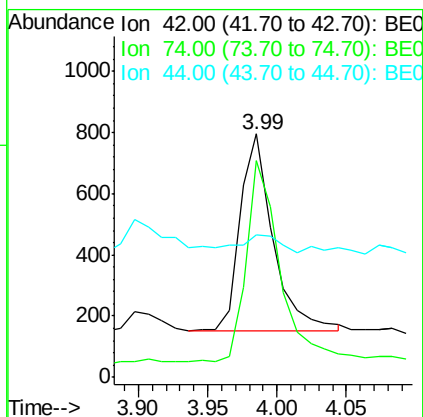
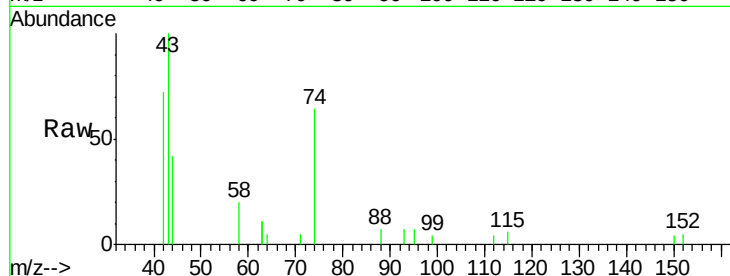


#3

n-Nitrosodimethylamine
 Concen: 0.323 ng
 RT: 3.99 min Scan# 115
 Delta R.T. 0.00 min
 Lab File: BE095944.D
 Acq: 4 Apr 2018 13:14

Instrument :
 BNA_E
 ClientSampleId :

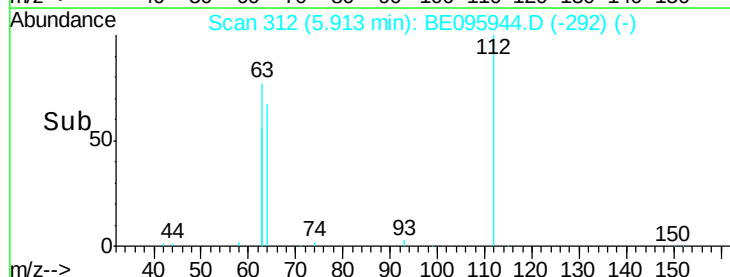
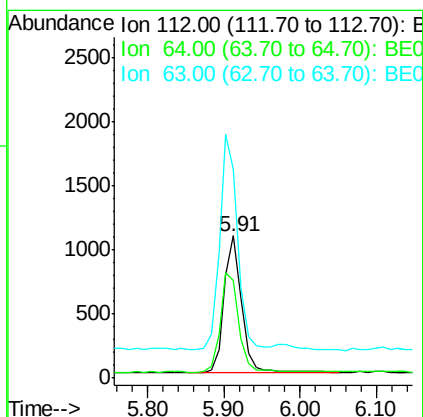
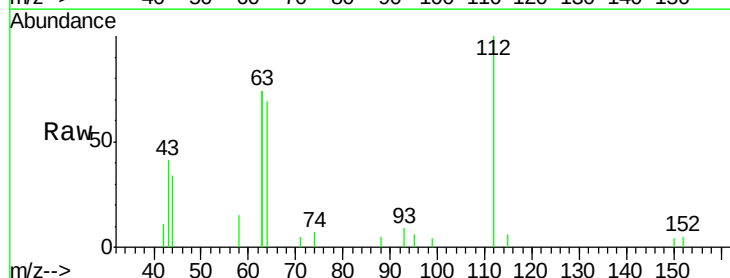
Tot Ion: 42 Resp: 1079
 Ion Ratio Lower Upper
 42 100
 74 102.6 96.0 144.0
 44 9.5 12.0 18.0#

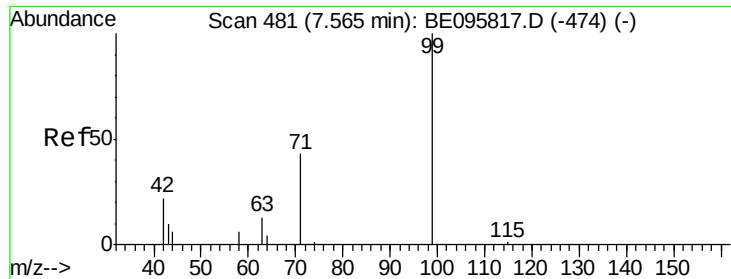


#4

2-Fluorophenol
 Concen: 0.367 ng
 RT: 5.91 min Scan# 312
 Delta R.T. -0.01 min
 Lab File: BE095944.D
 Acq: 4 Apr 2018 13:14

Tgt Ion: 112 Resp: 1685
 Ion Ratio Lower Upper
 112 100
 64 77.6 60.1 90.1
 63 162.0 116.8 175.2





#5

Phenol-d6

Concen: 0.378 ng

RT: 7.56 min Scan# 480

Delta R.T. -0.01 min

Lab File: BE095944.D

Acq: 4 Apr 2018 13:14

Instrument :

BNA_E

ClientSampleId :

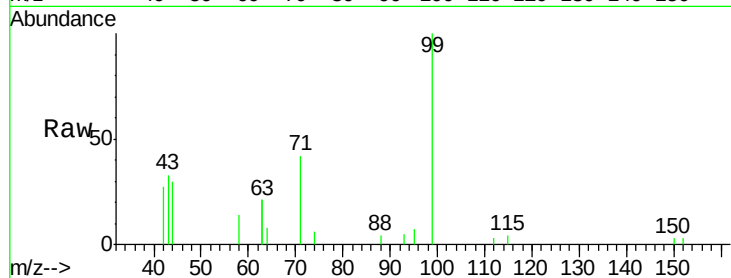
Tot Ion: 99 Resp: 2387

Ion Ratio Lower Upper

99 100

42 35.1 20.2 30.2#

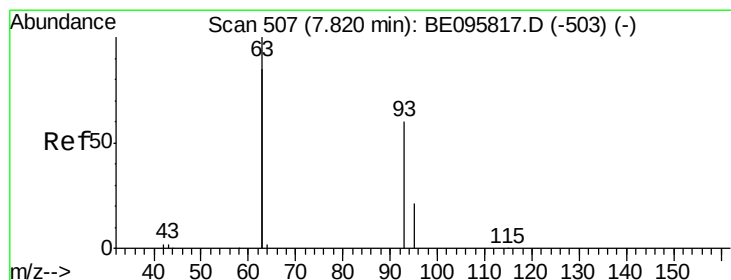
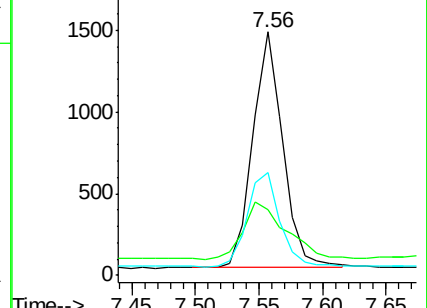
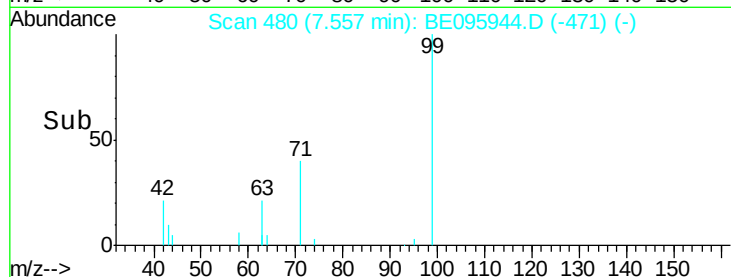
71 42.9 28.4 42.6#



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: 0.332 ng

RT: 7.81 min Scan# 506

Delta R.T. -0.01 min

Lab File: BE095944.D

Acq: 4 Apr 2018 13:14

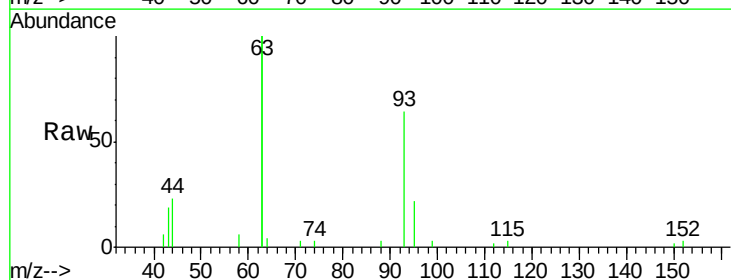
Tgt Ion: 93 Resp: 1809

Ion Ratio Lower Upper

93 100

63 328.2 275.3 412.9

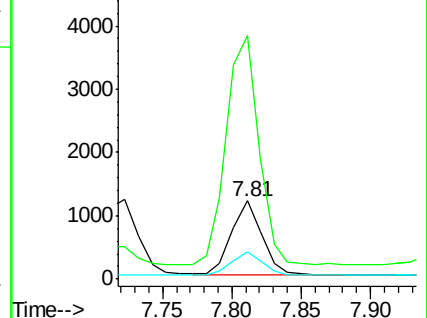
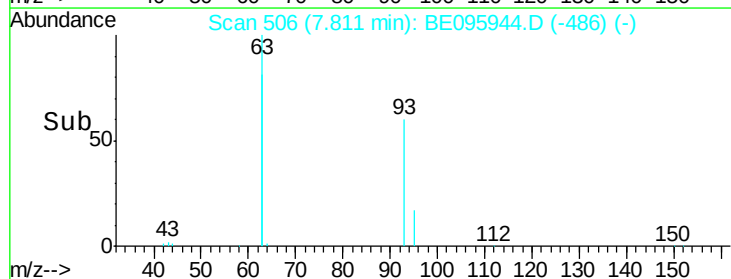
95 33.3 25.2 37.8

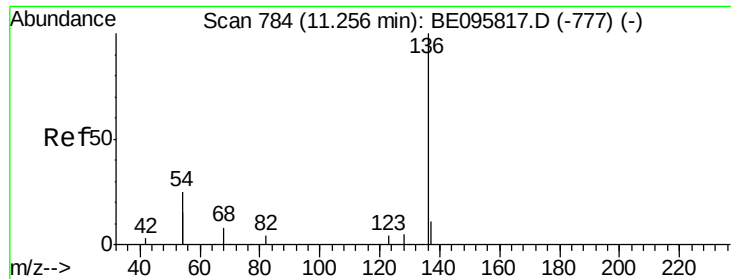


Abundance Ion 93.00 (92.70 to 93.70): BE0

Ion 63.00 (62.70 to 63.70): BE0

Ion 95.00 (94.70 to 95.70): BE0





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 11.24 min Scan# 783

Delta R.T. -0.01 min

Lab File: BE095944.D

Acq: 4 Apr 2018 13:14

Instrument :

BNA_E

ClientSampleId :

Tot Ion:136 Resp: 5265

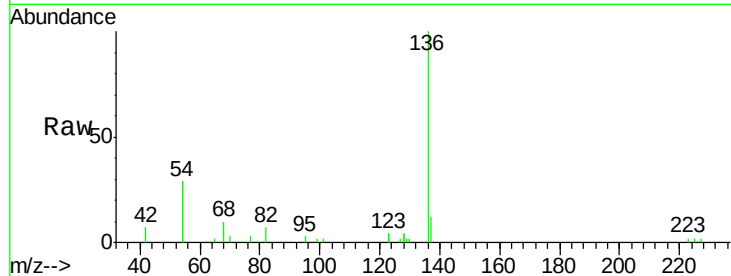
Ion Ratio Lower Upper

136 100

137 11.8 9.5 14.3

54 58.1 29.1 43.7#

68 10.3 6.2 9.2#

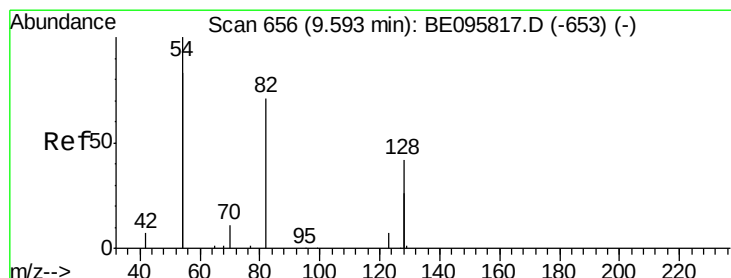
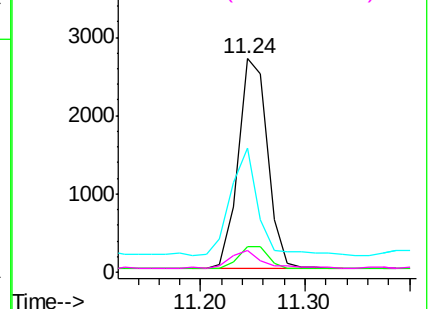
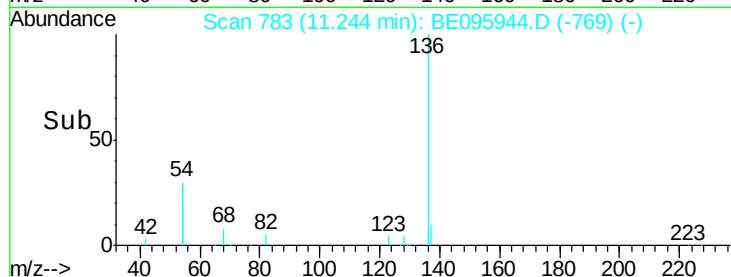


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BE0

Ion 68.00 (67.70 to 68.70): BE0



#8

Nitrobenzene-d5

Concen: 0.369 ng

RT: 9.59 min Scan# 656

Delta R.T. 0.00 min

Lab File: BE095944.D

Acq: 4 Apr 2018 13:14

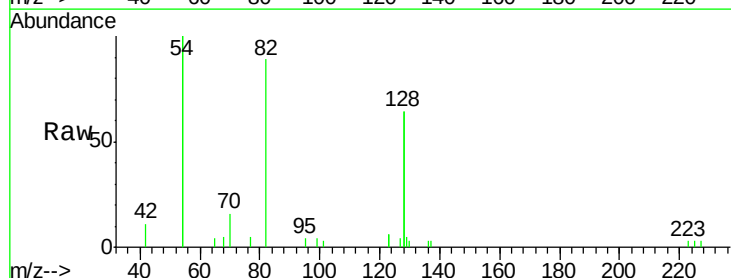
Tgt Ion: 82 Resp: 2294

Ion Ratio Lower Upper

82 100

128 143.8 150.0 225.0#

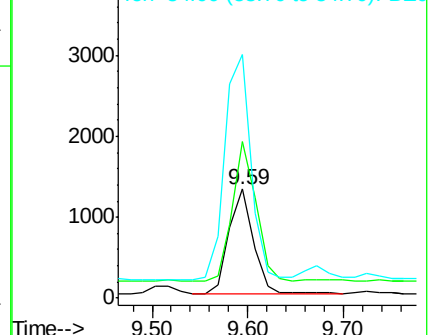
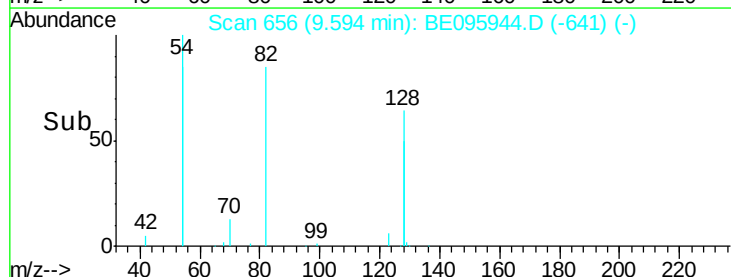
54 223.8 154.2 231.4

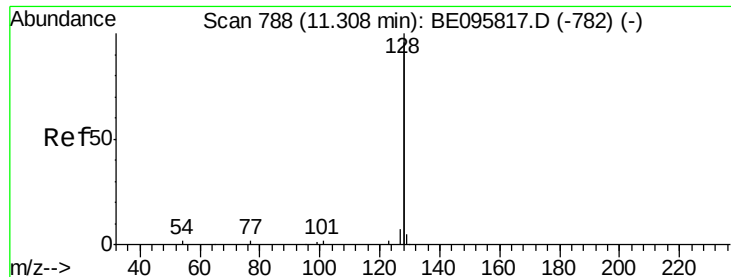


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.352 ng

RT: 11.30 min Scan# 787

Delta R.T. -0.01 min

Lab File: BE095944.D

Acq: 4 Apr 2018 13:14

Instrument :

BNA_E

ClientSampleId :

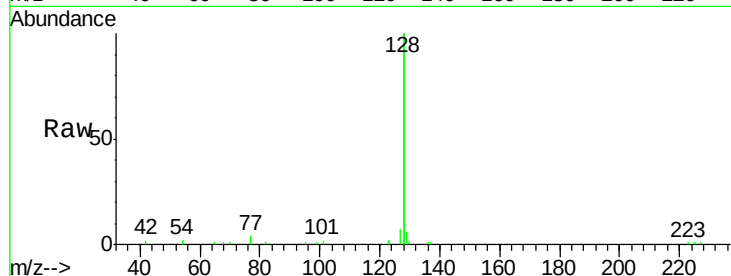
Tot Ion:128 Resp: 21143

Ion Ratio Lower Upper

128 100

129 3.1 2.6 3.8

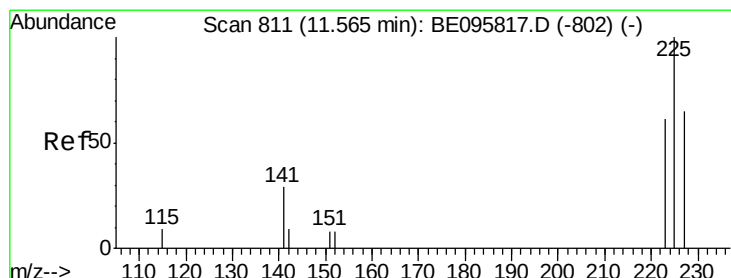
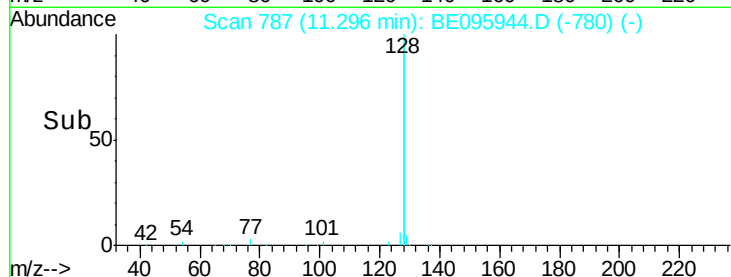
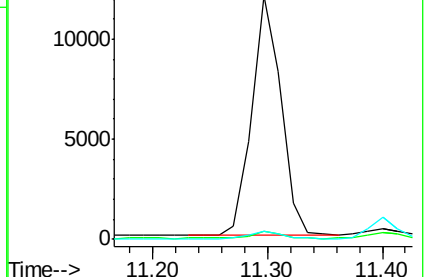
127 3.5 2.8 4.2



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: 0.292 ng

RT: 11.55 min Scan# 809

Delta R.T. -0.01 min

Lab File: BE095944.D

Acq: 4 Apr 2018 13:14

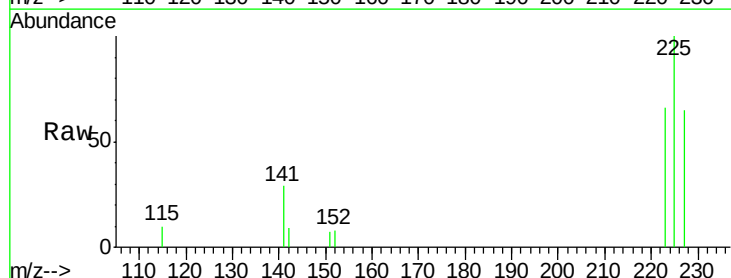
Tgt Ion:225 Resp: 1204

Ion Ratio Lower Upper

225 100

223 71.1 53.0 79.6

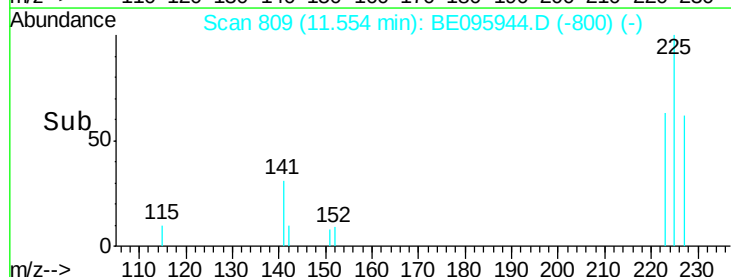
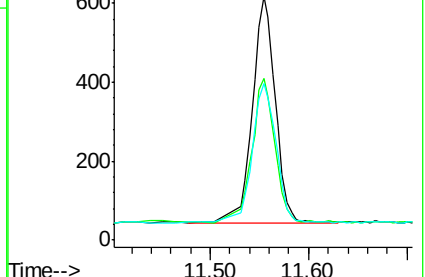
227 63.4 51.4 77.2

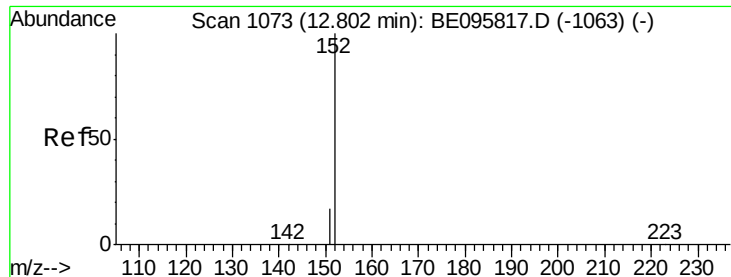


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.335 ng

RT: 12.79 min Scan# 1071

Delta R.T. -0.01 min

Lab File: BE095944.D

Acq: 4 Apr 2018 13:14

Instrument :

BNA_E

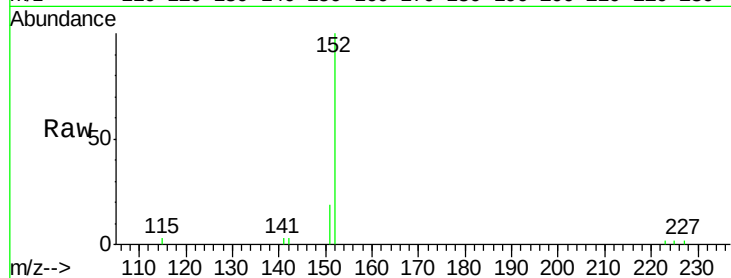
ClientSampleId :

Tot Ion:152 Resp: 2945

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

12.79

2000

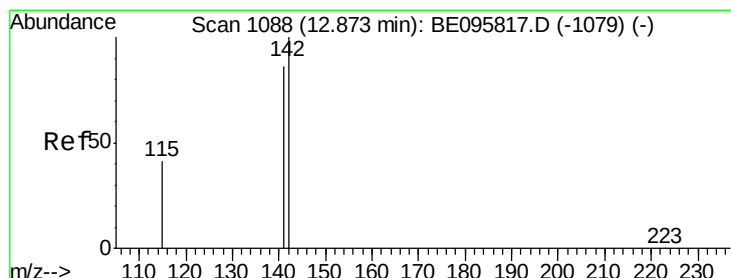
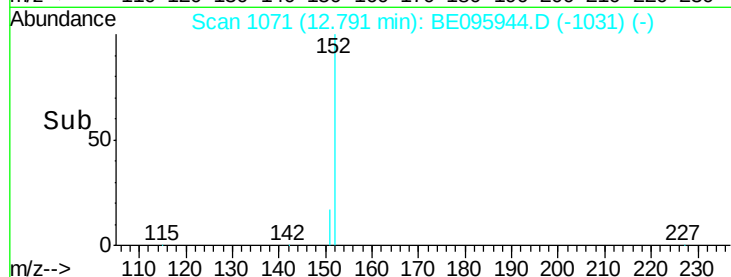
1500

1000

500

0

Time-->



#12

2-Methylnaphthalene

Concen: 0.333 ng

RT: 12.86 min Scan# 1086

Delta R.T. -0.01 min

Lab File: BE095944.D

Acq: 4 Apr 2018 13:14

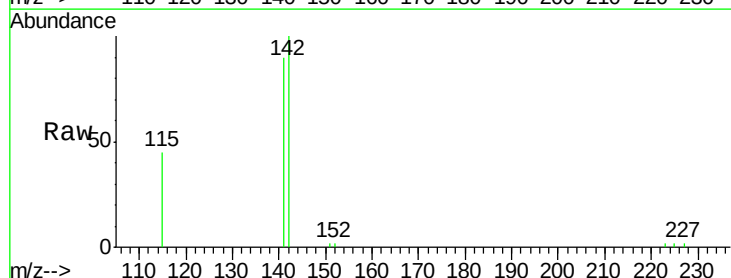
Tgt Ion:142 Resp: 3415

Ion Ratio Lower Upper

142 100

141 90.2 70.4 105.6

115 44.7 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

12.86

3000

2500

2000

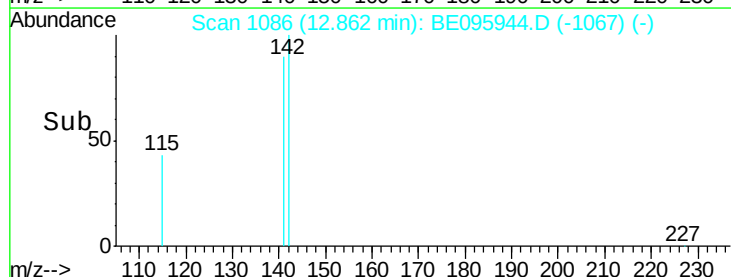
1500

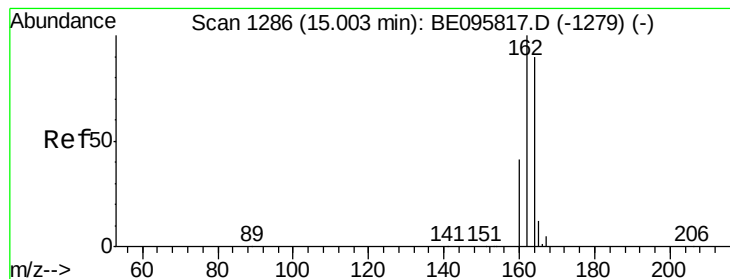
1000

500

0

Time-->





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.99 min Scan# 1285

Delta R.T. -0.01 min

Lab File: BE095944.D

Acq: 4 Apr 2018 13:14

Instrument :

BNA_E

ClientSampleId :

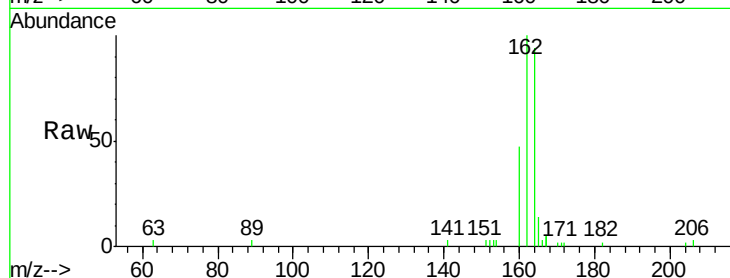
Tot Ion:164 Resp: 2789

Ion Ratio Lower Upper

164 100

162 106.1 83.1 124.7

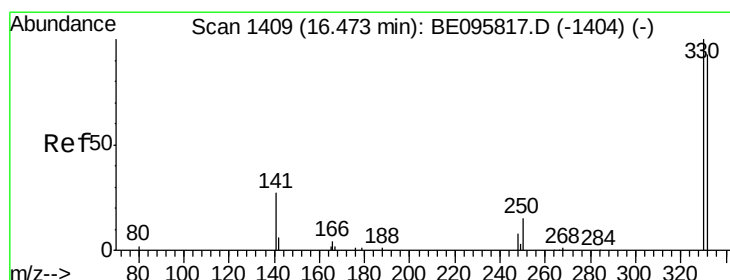
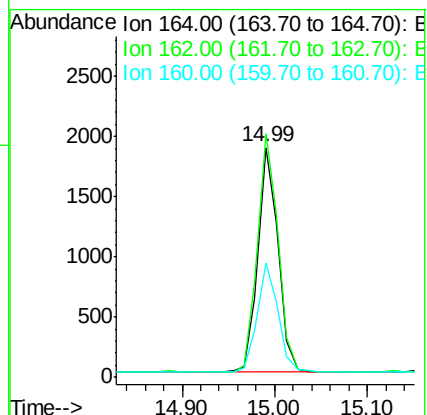
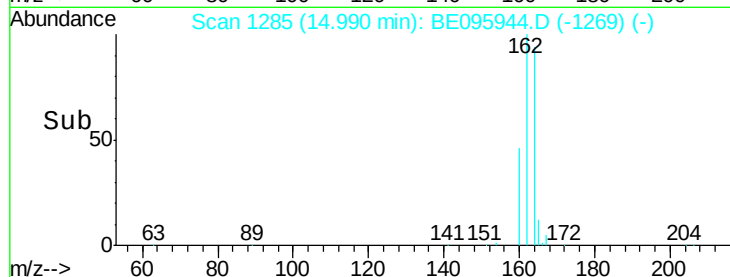
160 49.8 37.1 55.7



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: 0.319 ng

RT: 16.46 min Scan# 1408

Delta R.T. -0.01 min

Lab File: BE095944.D

Acq: 4 Apr 2018 13:14

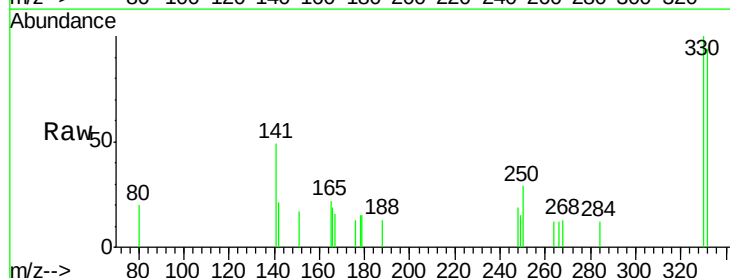
Tgt Ion:330 Resp: 513

Ion Ratio Lower Upper

330 100

332 94.2 152.7 229.1#

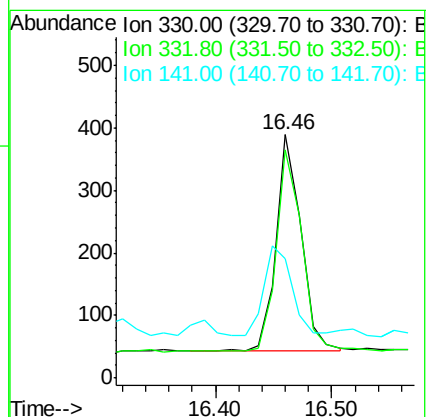
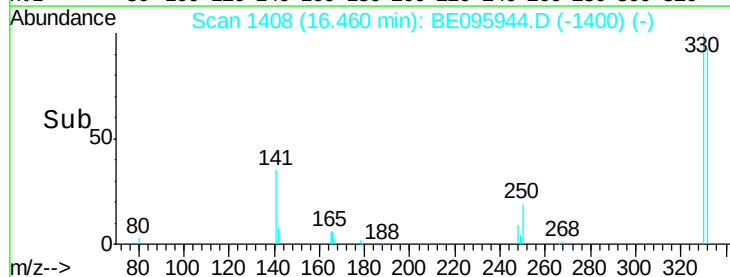
141 47.4 33.7 50.5

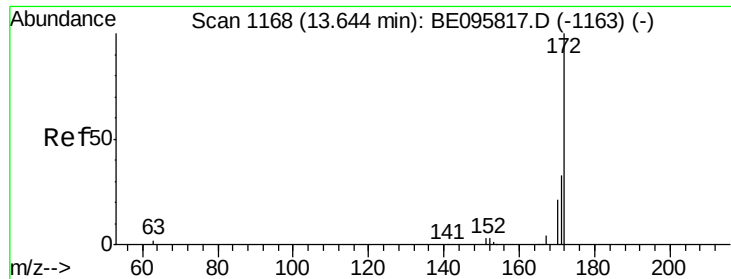


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

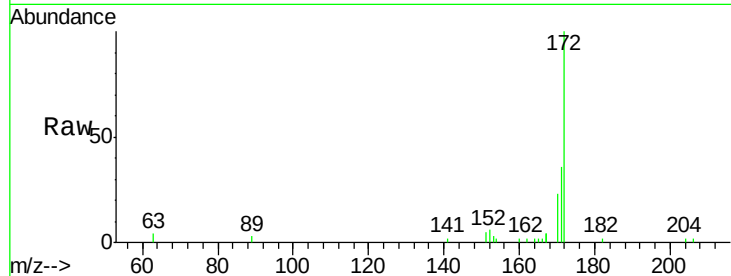




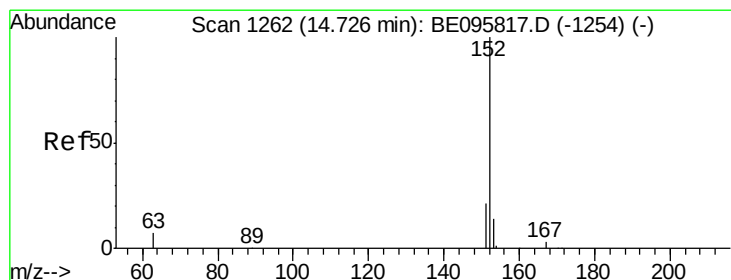
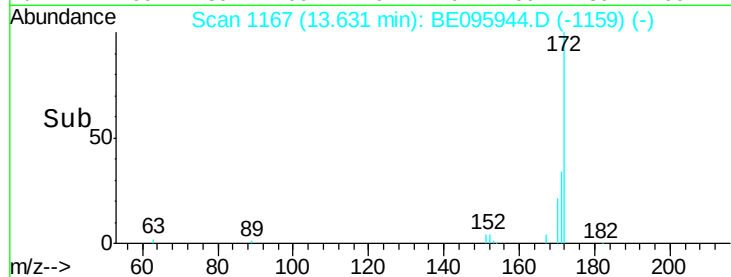
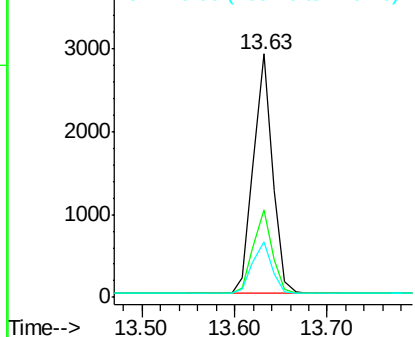
#15
2-Fluorobiphenyl
Concen: 0.354 ng
RT: 13.63 min Scan# 1167
Delta R.T. -0.01 min
Lab File: BE095944.D
Acq: 4 Apr 2018 13:14

Instrument :
BNA_E
ClientSampleId :

Tot Ion:172 Resp: 4161
Ion Ratio Lower Upper
172 100
171 35.8 29.9 44.9
170 22.6 21.8 32.8

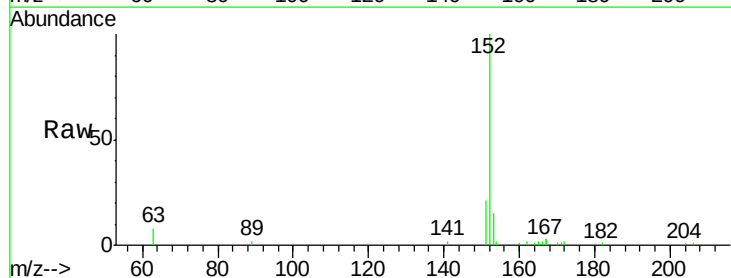


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

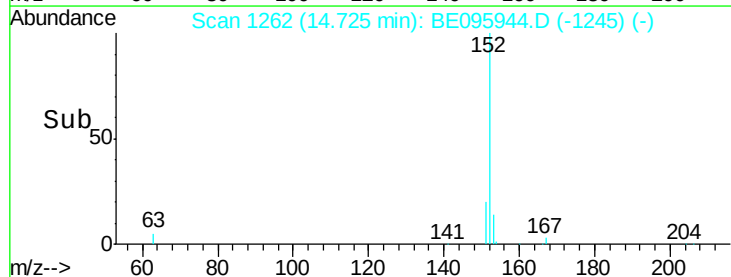
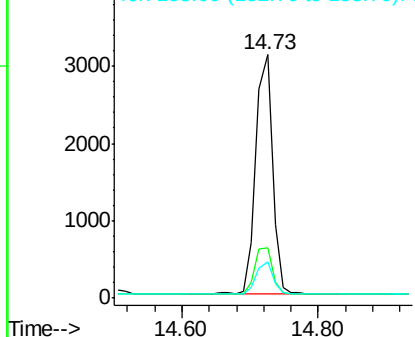


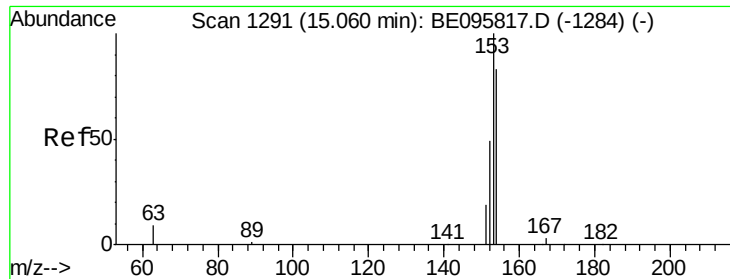
#16
Acenaphthylene
Concen: 0.328 ng
RT: 14.73 min Scan# 1262
Delta R.T. -0.00 min
Lab File: BE095944.D
Acq: 4 Apr 2018 13:14

Tgt Ion:152 Resp: 5236
Ion Ratio Lower Upper
152 100
151 20.7 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: 0.312 ng

RT: 15.06 min Scan# 1291

Delta R.T. -0.00 min

Lab File: BE095944.D

Acq: 4 Apr 2018 13:14

Instrument :

BNA_E

ClientSampleId :

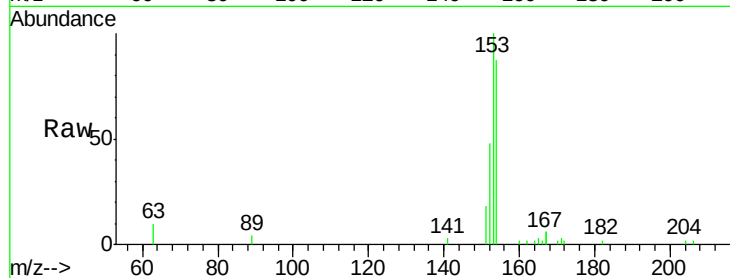
Tot Ion:154 Resp: 3040

Ion Ratio Lower Upper

154 100

153 115.3 89.2 133.8

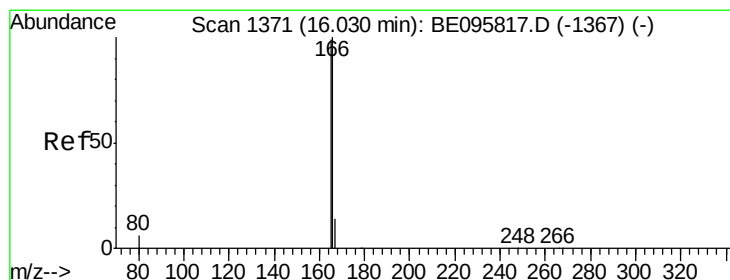
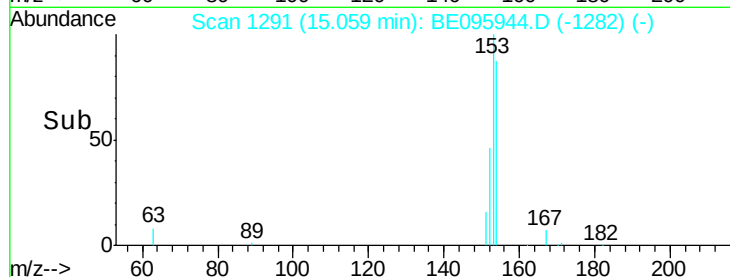
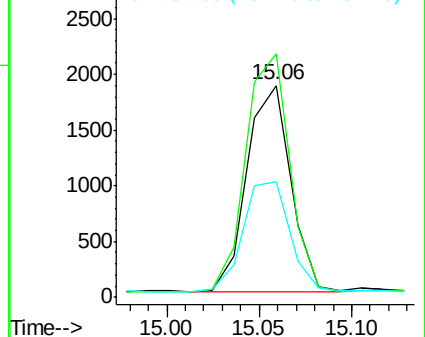
152 56.7 42.0 63.0



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: 0.310 ng

RT: 16.02 min Scan# 1370

Delta R.T. -0.01 min

Lab File: BE095944.D

Acq: 4 Apr 2018 13:14

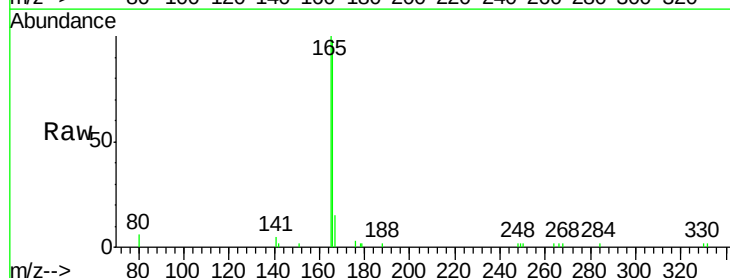
Tgt Ion:166 Resp: 3963

Ion Ratio Lower Upper

166 100

165 101.0 77.8 116.6

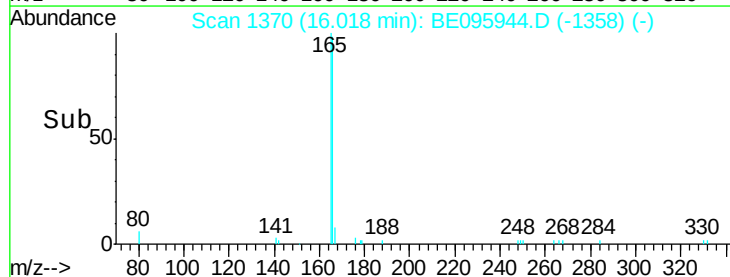
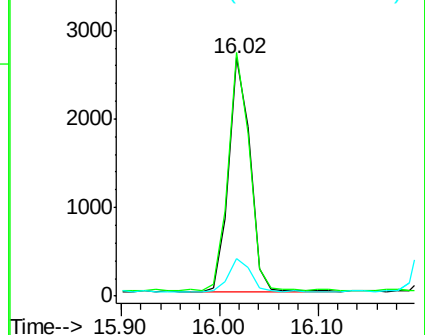
167 15.3 42.4 63.6#

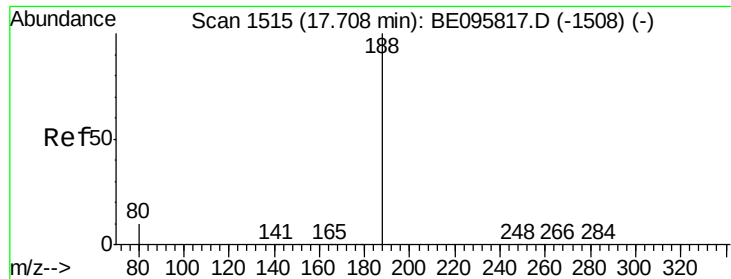


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.70 min Scan# 1514

Delta R.T. -0.01 min

Lab File: BE095944.D

Acq: 4 Apr 2018 13:14

Instrument :

BNA_E

ClientSampled :

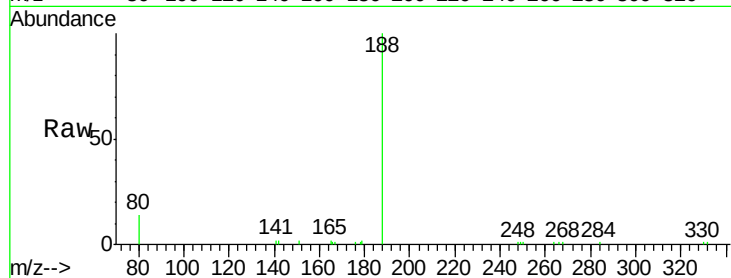
Tot Ion:188 Resp: 6262

Ion Ratio Lower Upper

188 100

94 0.0 3.9 5.9#

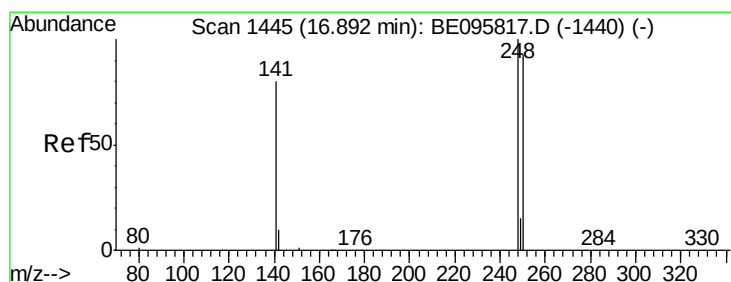
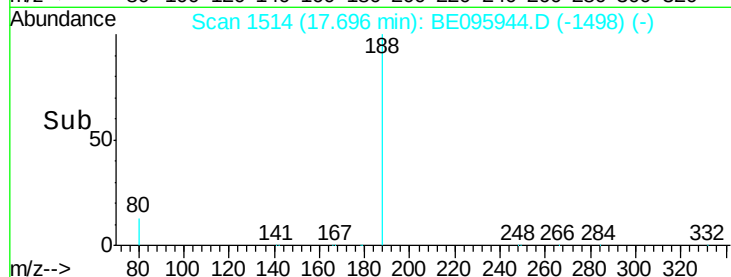
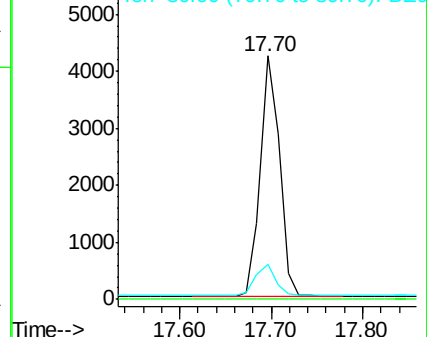
80 14.2 3.6 5.4#



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: 0.311 ng

RT: 16.89 min Scan# 1445

Delta R.T. -0.00 min

Lab File: BE095944.D

Acq: 4 Apr 2018 13:14

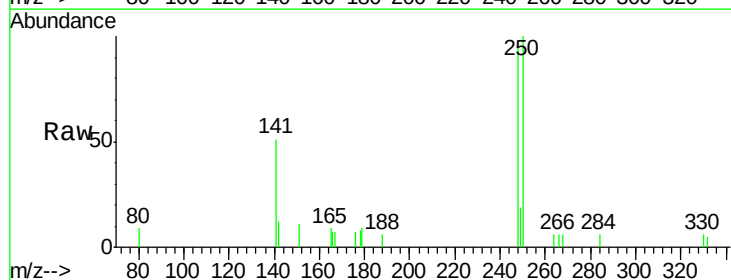
Tgt Ion:248 Resp: 1170

Ion Ratio Lower Upper

248 100

250 103.8 62.7 94.1#

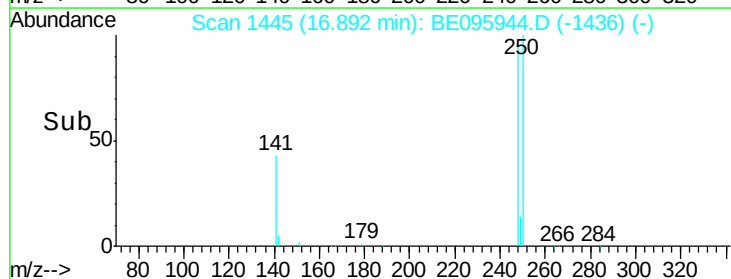
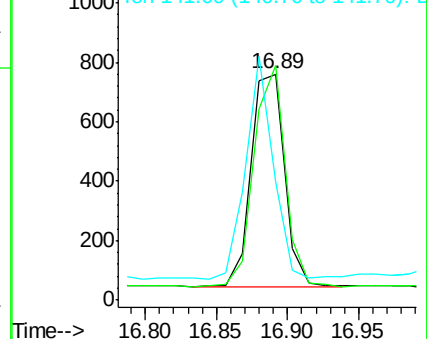
141 52.4 48.2 72.2

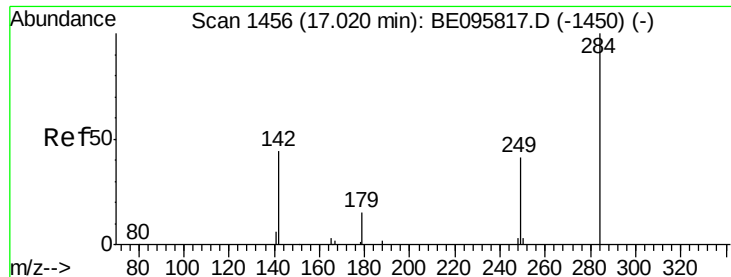


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.306 ng

RT: 17.02 min Scan# 1456

Delta R.T. -0.00 min

Lab File: BE095944.D

Acq: 4 Apr 2018 13:14

Instrument :

BNA_E

ClientSampleId :

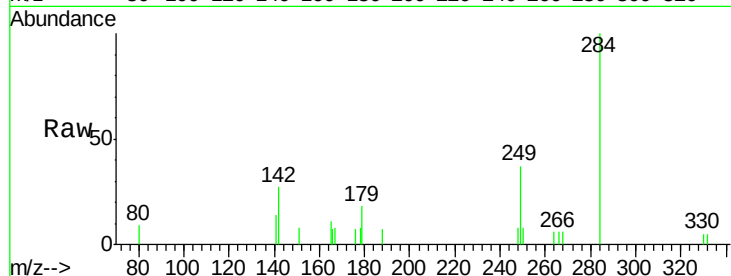
Tot Ion:284 Resp: 1149

Ion Ratio Lower Upper

284 100

142 42.6 22.1 33.1#

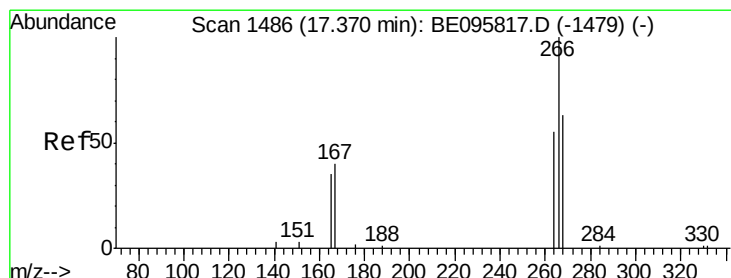
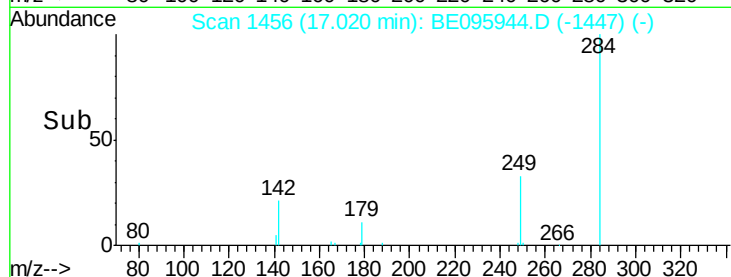
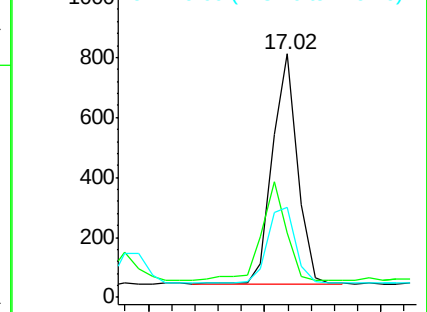
249 37.2 34.8 52.2



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: 0.549 ng

RT: 17.36 min Scan# 1485

Delta R.T. -0.01 min

Lab File: BE095944.D

Acq: 4 Apr 2018 13:14

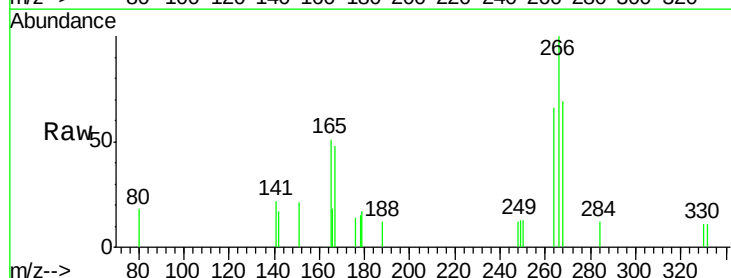
Tgt Ion:266 Resp: 593

Ion Ratio Lower Upper

266 100

264 66.0 72.5 108.7#

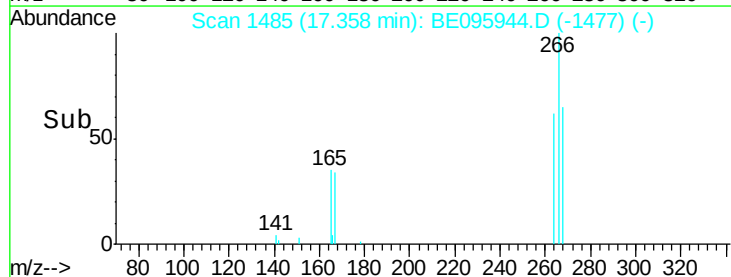
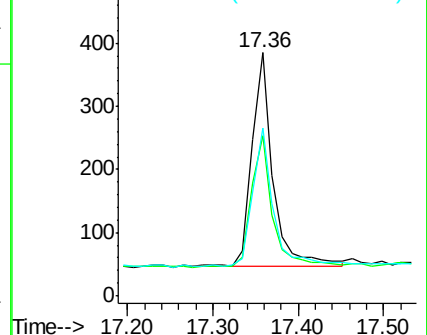
268 69.1 73.8 110.6#

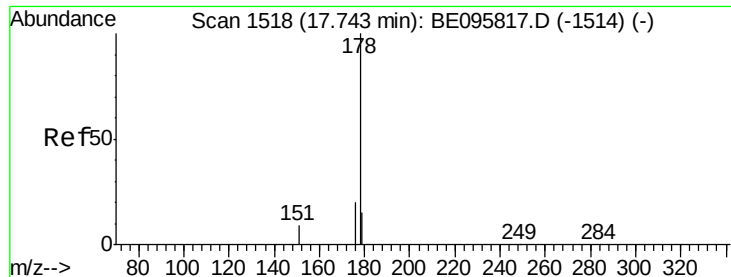


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.356 ng

RT: 17.74 min Scan# 1518

Delta R.T. -0.00 min

Lab File: BE095944.D

Acq: 4 Apr 2018 13:14

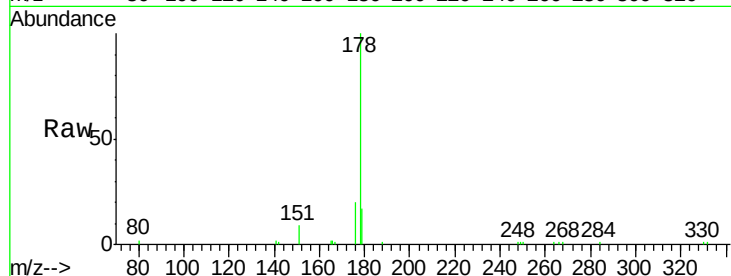
Instrument :

BNA_E

ClientSampleId :

Tot Ion:178 Resp: 6667

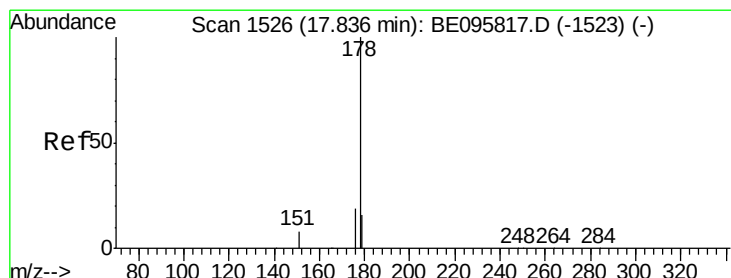
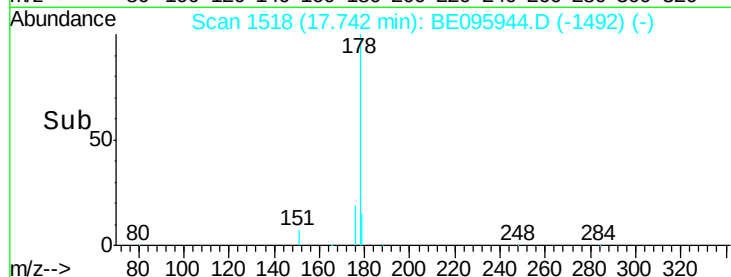
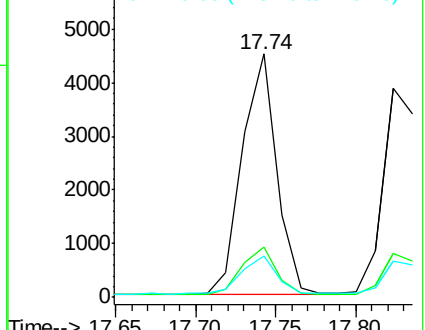
Ion	Ratio	Lower	Upper
178	100		
176	19.7	15.1	22.7
179	15.8	11.8	17.6



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: 0.328 ng

RT: 17.82 min Scan# 1525

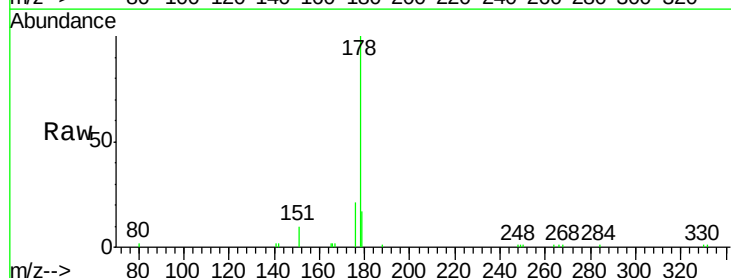
Delta R.T. -0.01 min

Lab File: BE095944.D

Acq: 4 Apr 2018 13:14

Tgt Ion:178 Resp: 6154

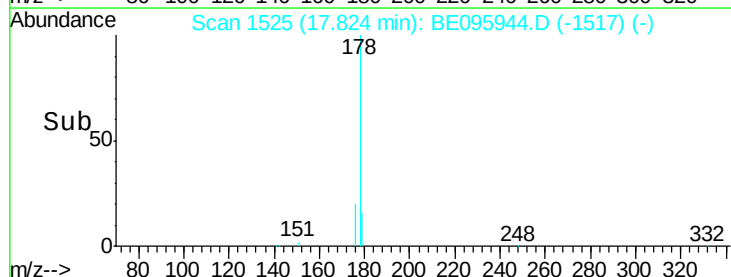
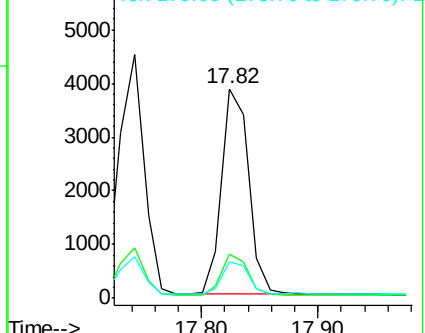
Ion	Ratio	Lower	Upper
178	100		
176	19.5	12.8	19.2#
179	15.5	13.0	19.6

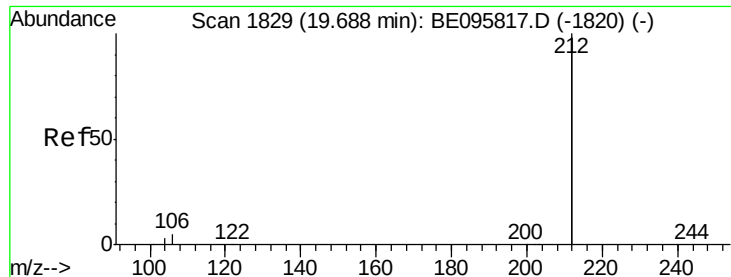


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.295 ng

RT: 19.68 min Scan# 1827

Delta R.T. -0.01 min

Lab File: BE095944.D

Acq: 4 Apr 2018 13:14

Instrument :

BNA_E

ClientSampleId :

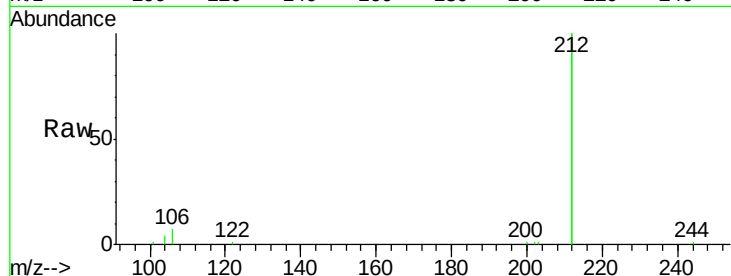
Tot Ion:212 Resp: 27465

Ion Ratio Lower Upper

212 100

106 2.9 2.8 4.2

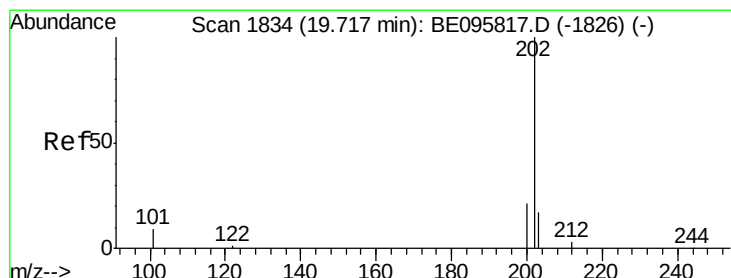
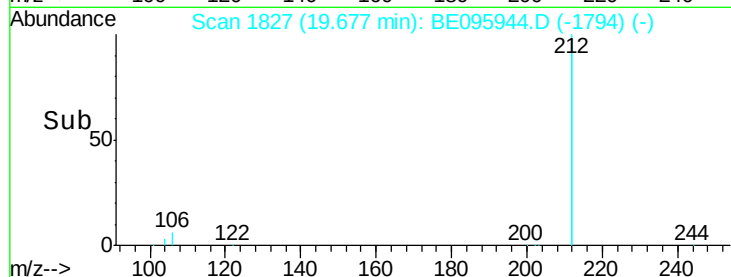
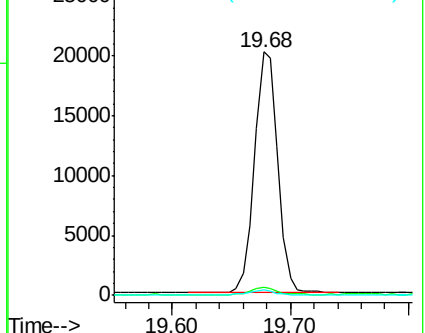
104 1.8 1.6 2.4



Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E



#26

Fluoranthene

Concen: 0.329 ng

RT: 19.71 min Scan# 1833

Delta R.T. -0.01 min

Lab File: BE095944.D

Acq: 4 Apr 2018 13:14

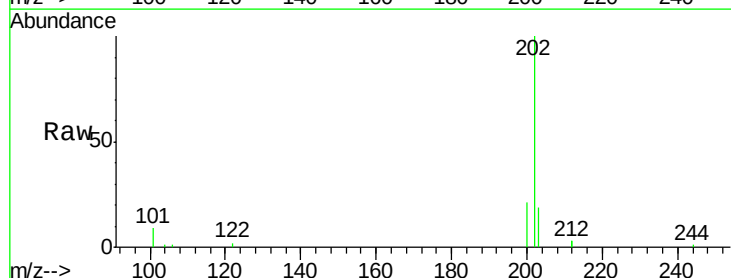
Tgt Ion:202 Resp: 8569

Ion Ratio Lower Upper

202 100

101 10.1 9.8 14.8

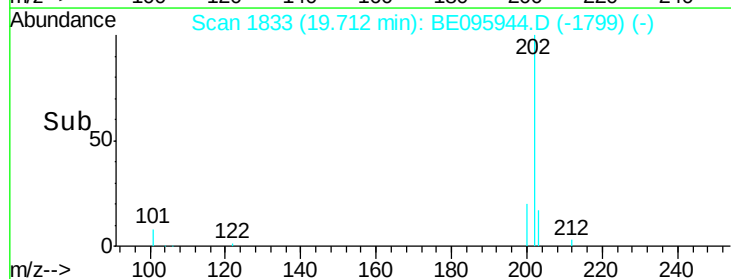
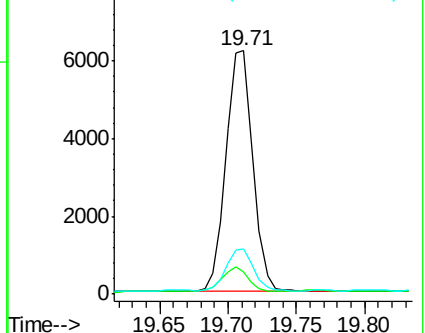
203 17.2 13.7 20.5

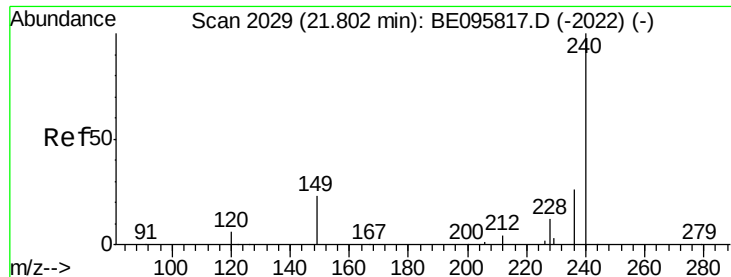


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

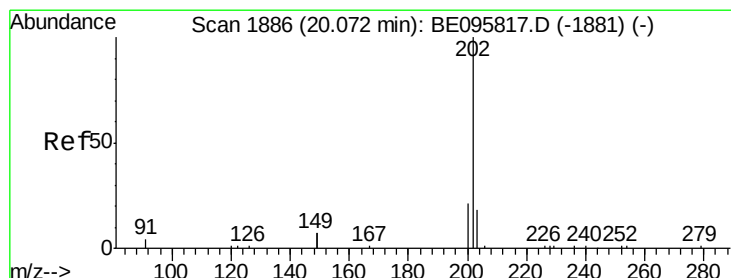
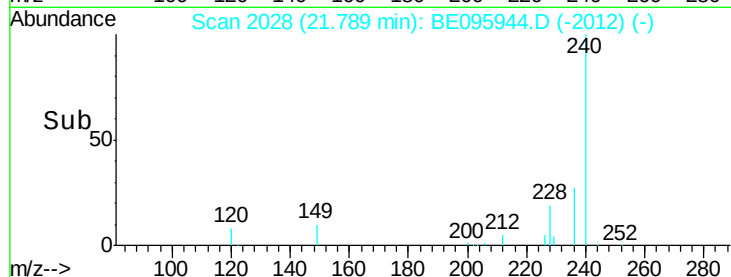
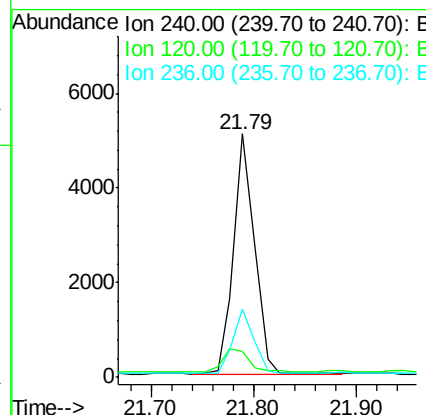
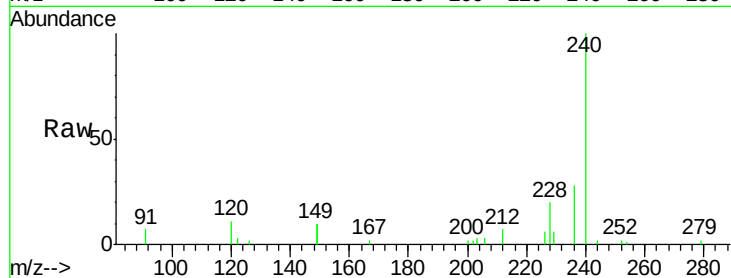




#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.79 min Scan# 2028
Delta R.T. -0.01 min
Lab File: BE095944.D
Acq: 4 Apr 2018 13:14

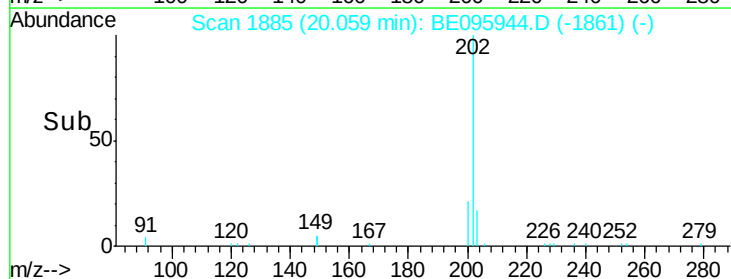
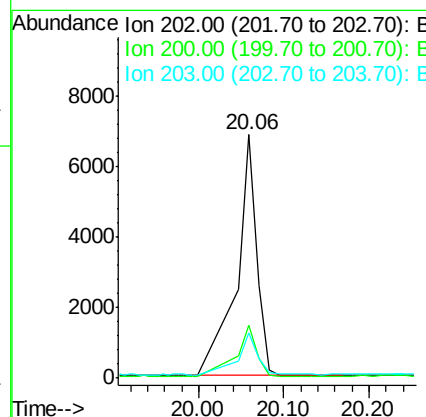
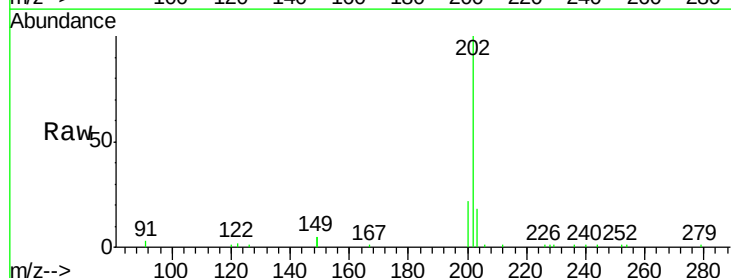
Instrument :
BNA_E
ClientSampleId :

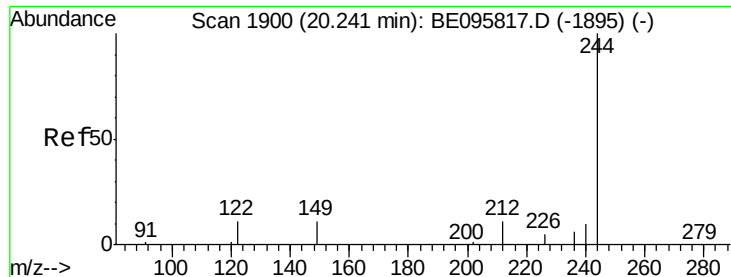
Tot Ion:240 Resp: 7126
Ion Ratio Lower Upper
240 100
120 10.6 5.5 8.3#
236 27.9 20.7 31.1



#28
Pyrene
Concen: 0.365 ng
RT: 20.06 min Scan# 1885
Delta R.T. -0.01 min
Lab File: BE095944.D
Acq: 4 Apr 2018 13:14

Tgt Ion:202 Resp: 10598
Ion Ratio Lower Upper
202 100
200 23.2 16.6 25.0
203 19.5 13.8 20.8





#29

Terphenyl-d14

Concen: 0.284 ng

RT: 20.24 min Scan# 1900

Delta R.T. -0.00 min

Lab File: BE095944.D

Acq: 4 Apr 2018 13:14

Instrument :

BNA_E

ClientSampleId :

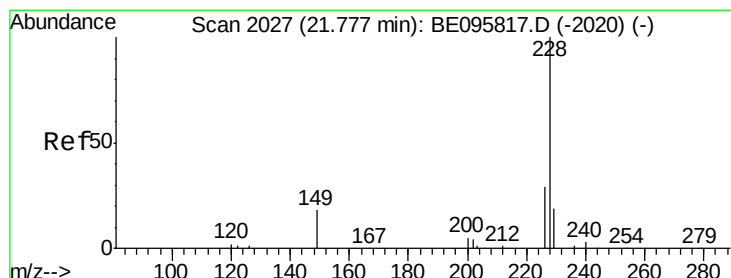
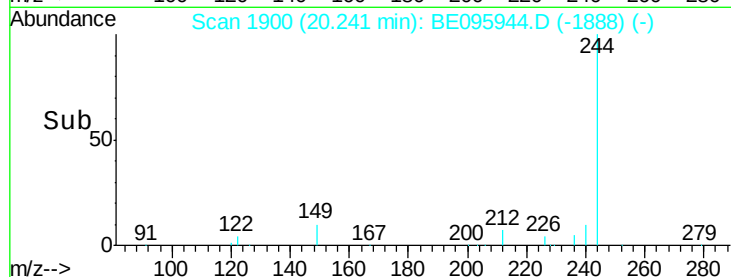
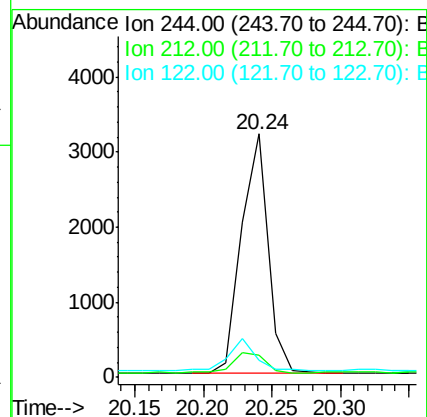
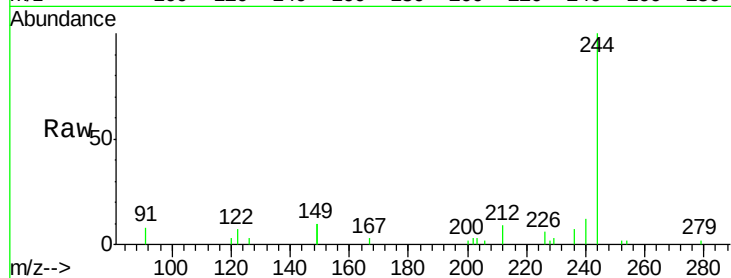
Tot Ion:244 Resp: 4297

Ion Ratio Lower Upper

244 100

212 9.3 25.4 38.0#

122 7.2 8.1 12.1#



#30

Benzo(a)anthracene

Concen: 0.314 ng

RT: 21.78 min Scan# 2027

Delta R.T. -0.00 min

Lab File: BE095944.D

Acq: 4 Apr 2018 13:14

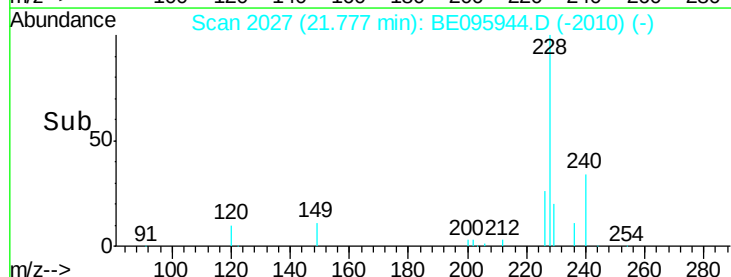
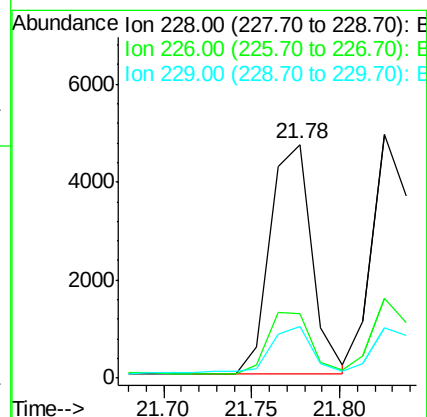
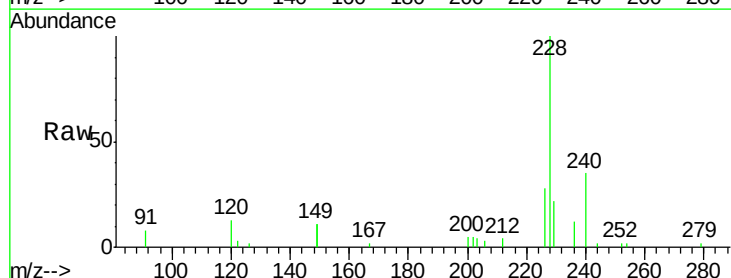
Tgt Ion:228 Resp: 7748

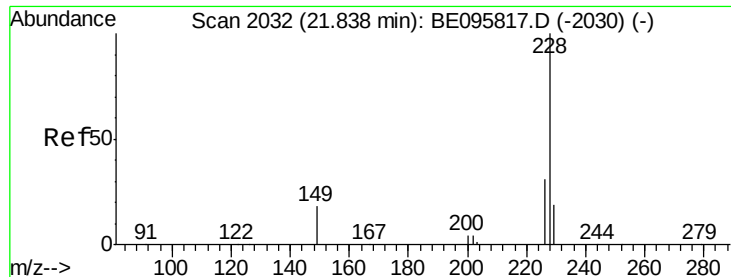
Ion Ratio Lower Upper

228 100

226 27.6 24.0 36.0

229 22.3 16.0 24.0

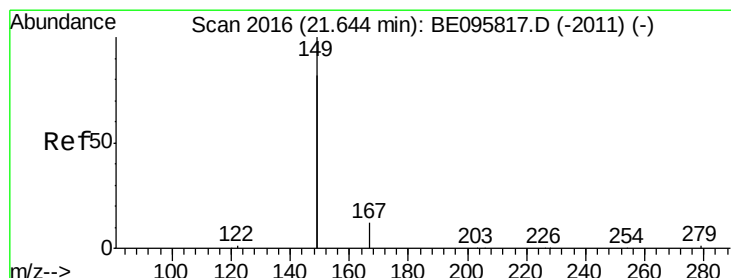
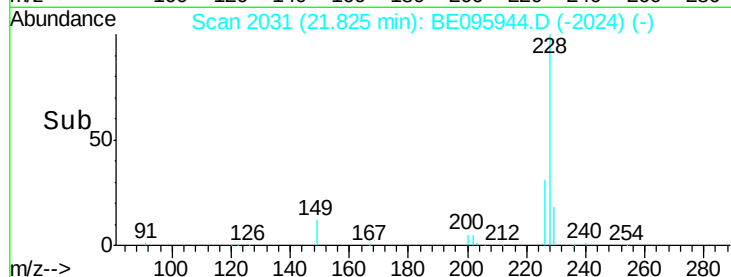
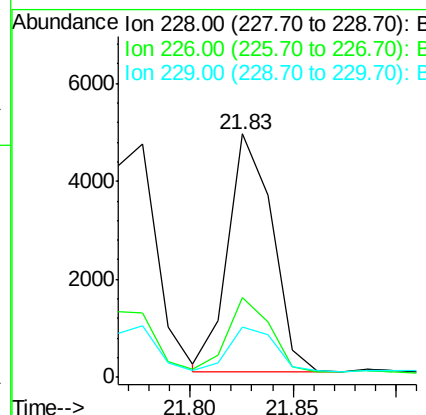
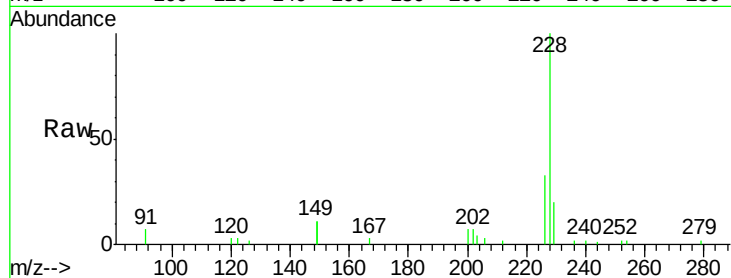




#31
 Chrysene
 Concen: 0.322 ng
 RT: 21.83 min Scan# 2031
 Delta R.T. -0.01 min
 Lab File: BE095944.D
 Acq: 4 Apr 2018 13:14

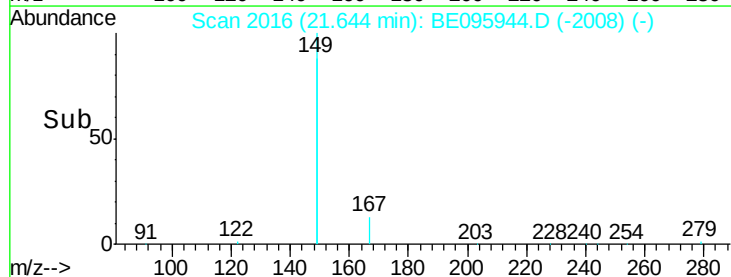
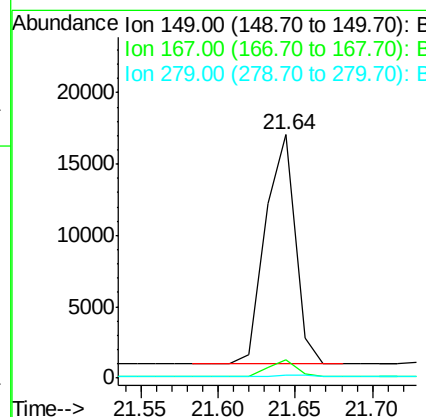
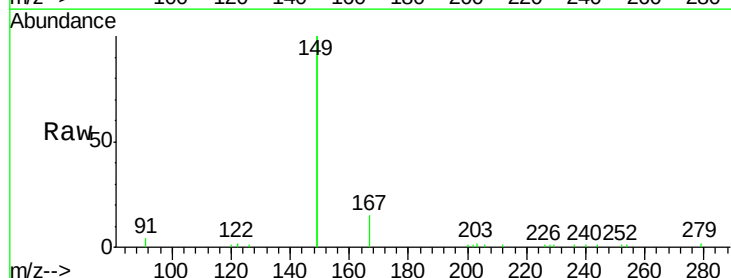
Instrument :
 BNA_E
 ClientSampleId :

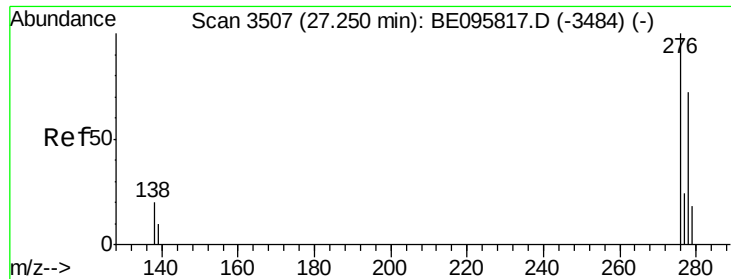
Tot Ion:228 Resp: 7256
 Ion Ratio Lower Upper
 228 100
 226 32.5 24.0 36.0
 229 20.4 16.0 24.0



#32
 Bis(2-ethylhexyl)phthalate
 Concen: 0.286 ng
 RT: 21.64 min Scan# 2016
 Delta R.T. -0.00 min
 Lab File: BE095944.D
 Acq: 4 Apr 2018 13:14

Tgt Ion:149 Resp: 21582
 Ion Ratio Lower Upper
 149 100
 167 6.7 5.4 8.0
 279 0.9 0.7 1.1

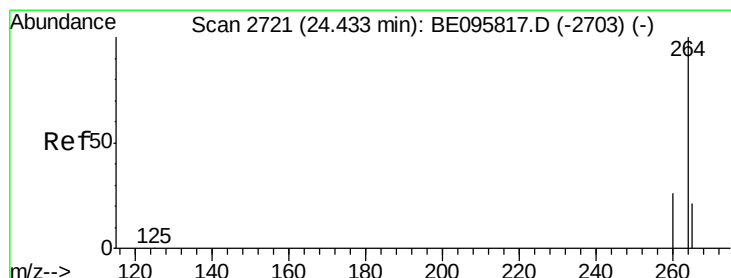
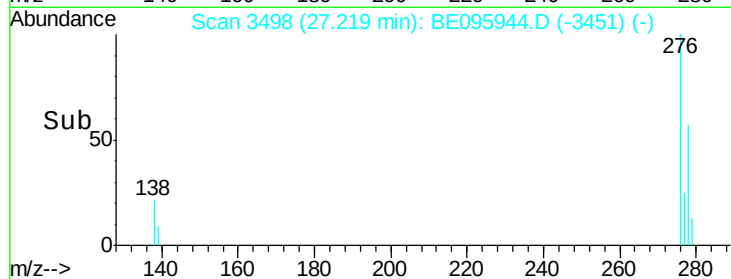
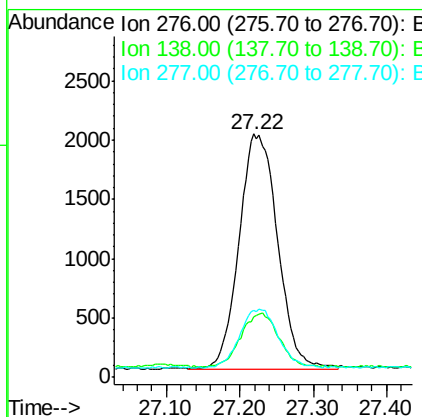
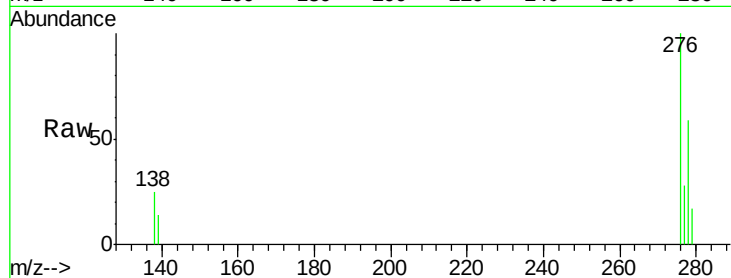




#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.295 ng
 RT: 27.22 min Scan# 3498
 Delta R.T. -0.03 min
 Lab File: BE095944.D
 Acq: 4 Apr 2018 13:14

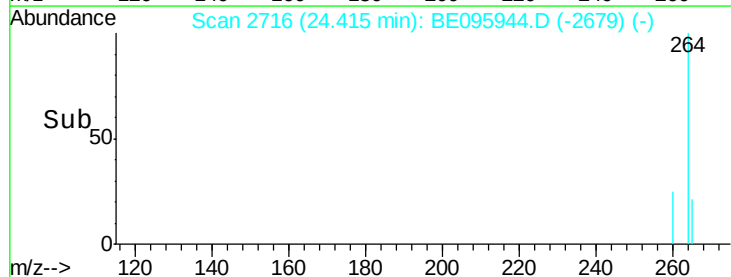
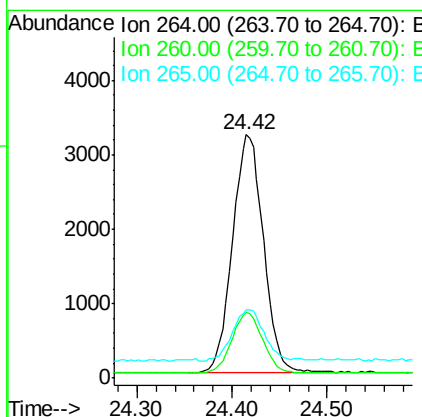
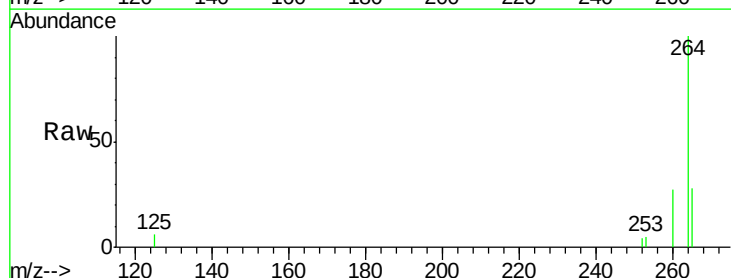
Instrument :
 BNA_E
 ClientSampleId :

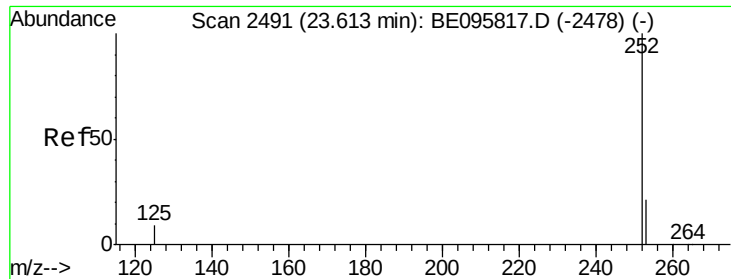
Tot Ion:276 Resp: 7179
 Ion Ratio Lower Upper
 276 100
 138 22.8 22.5 33.7
 277 25.3 19.9 29.9



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.42 min Scan# 2716
 Delta R.T. -0.02 min
 Lab File: BE095944.D
 Acq: 4 Apr 2018 13:14

Tgt Ion:264 Resp: 7261
 Ion Ratio Lower Upper
 264 100
 260 26.9 20.5 30.7
 265 28.1 22.8 34.2





#35

Benzo(b)fluoranthene

Concen: 0.299 ng

RT: 23.60 min Scan# 2488

Delta R.T. -0.01 min

Lab File: BE095944.D

Acq: 4 Apr 2018 13:14

Instrument :

BNA_E

ClientSampleId :

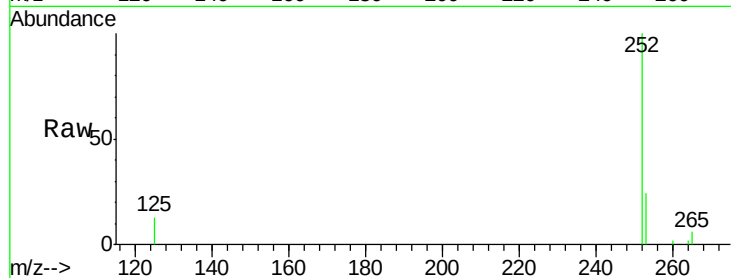
Tot Ion:252 Resp: 7191

Ion Ratio Lower Upper

252 100

253 23.9 20.0 30.0

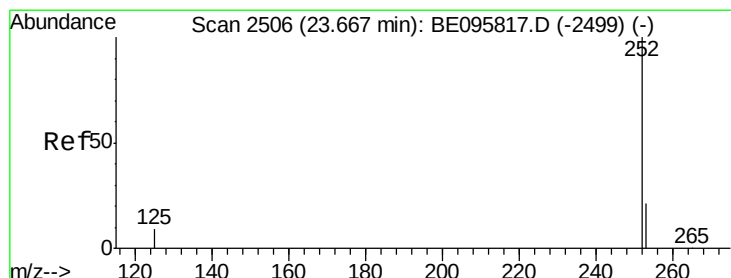
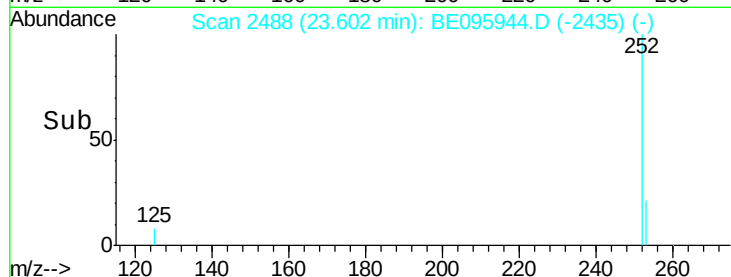
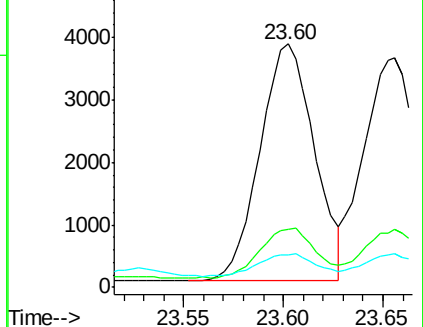
125 13.2 16.0 24.0#



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: 0.285 ng

RT: 23.66 min Scan# 2503

Delta R.T. -0.01 min

Lab File: BE095944.D

Acq: 4 Apr 2018 13:14

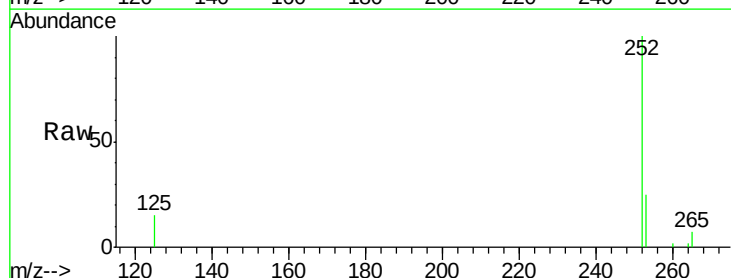
Tgt Ion:252 Resp: 6840

Ion Ratio Lower Upper

252 100

253 25.4 16.0 24.0#

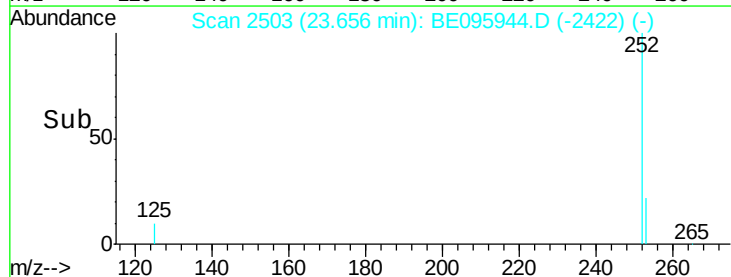
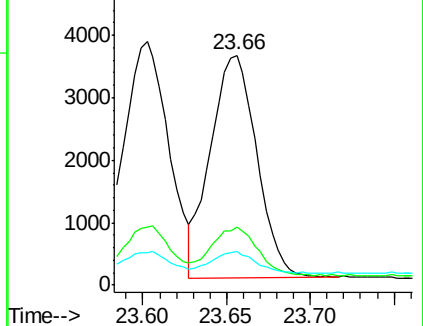
125 14.9 8.0 12.0#

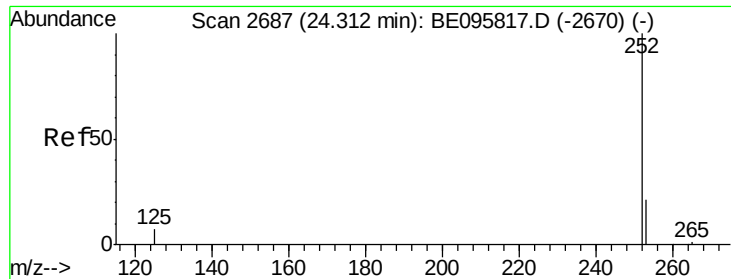


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#37

Benzo(a)pyrene

Concen: 0.301 ng

RT: 24.30 min Scan# 2683

Delta R.T. -0.01 min

Lab File: BE095944.D

Acq: 4 Apr 2018 13:14

Instrument :

BNA_E

ClientSampleId :

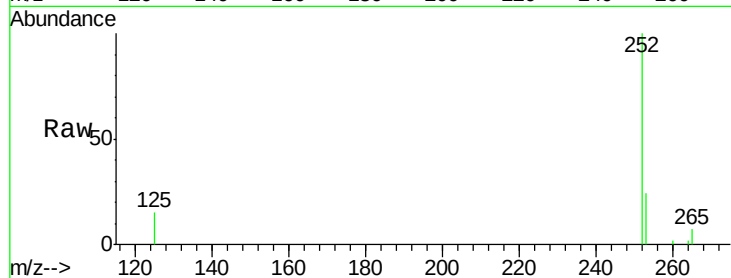
Tot Ion:252 Resp: 6776

Ion Ratio Lower Upper

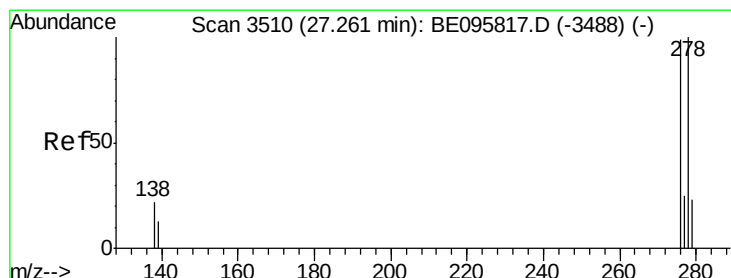
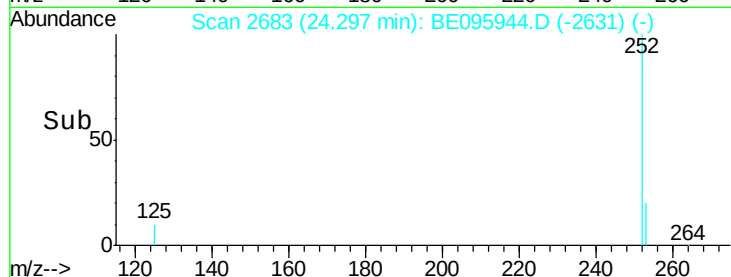
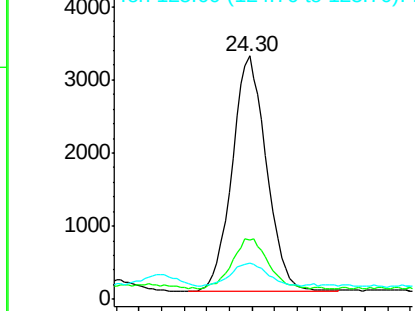
252 100

253 24.4 16.0 24.0#

125 15.1 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: 0.263 ng

RT: 27.24 min Scan# 3504

Delta R.T. -0.02 min

Lab File: BE095944.D

Acq: 4 Apr 2018 13:14

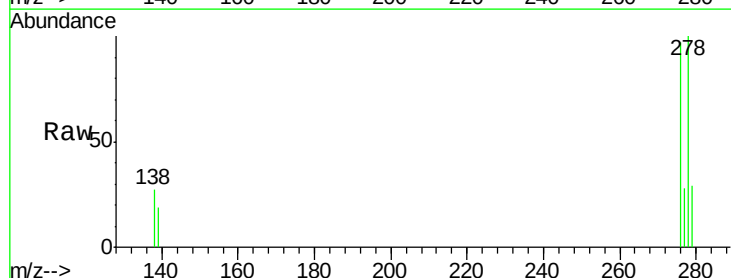
Tgt Ion:278 Resp: 5617

Ion Ratio Lower Upper

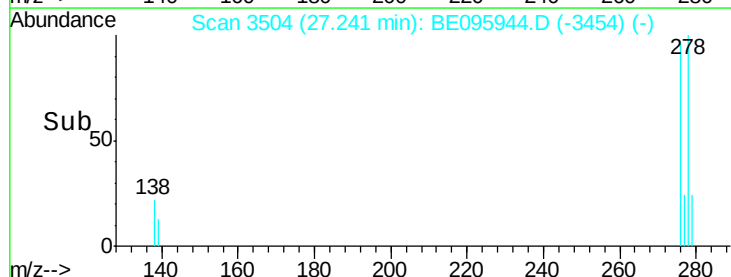
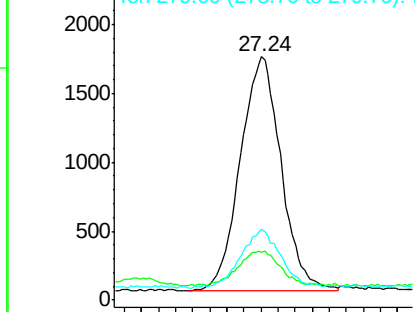
278 100

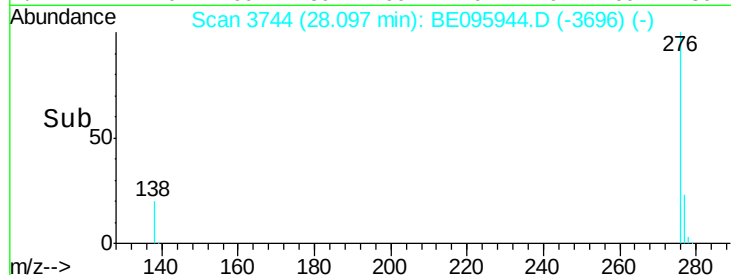
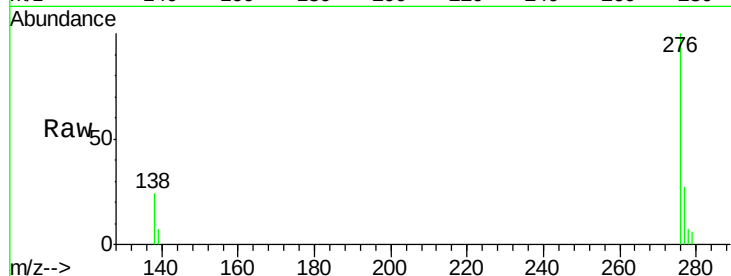
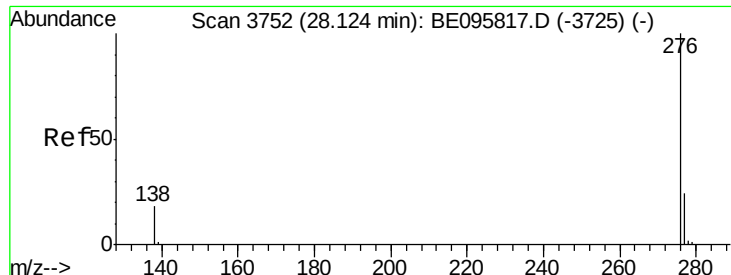
139 19.5 16.0 24.0

279 29.1 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: 0.283 ng

RT: 28.10 min Scan# 3744

Delta R.T. -0.03 min

Lab File: BE095944.D

Acq: 4 Apr 2018 13:14

Instrument :

BNA_E

ClientSampleId :

Tot Ion: 276 Resp: 6084

Ion Ratio Lower Upper

276 100

277 27.2 16.0 24.0#

138 24.1 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

