

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE041116\
 Data File : BE091629.D
 Acq On : 11 Apr 2016 15:36
 Operator : UM/SJ
 Sample : PB89639BS
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB89639BS

Quant Time: Apr 12 02:04:26 2016
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE040816.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 08 16:48:14 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	43127	5.00	ng	-0.02
7) Naphthalene-d8	10.59	136	215372	5.00	ng	0.00
13) Acenaphthene-d10	14.42	164	134716	5.00	ng	0.00
19) Phenanthrene-d10	17.16	188	320856	5.00	ng	0.00
26) Chrysene-d12	21.31	240	427765	5.00	ng	0.00
35) Perylene-d12	23.75	264	347339	5.00	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.41	112	69139	6.72	ng	0.00
5) Phenol-d6	6.97	99	104808	7.64	ng	0.00
8) Nitrobenzene-d5	8.96	82	47209	3.77	ng	0.00
14) 2,4,6-Tribromophenol	15.90	330	38015	7.72	ng	-0.01
15) 2-Fluorobiphenyl	13.05	172	142433	3.80	ng	0.00
29) Terphenyl-d14	19.76	244	213149	3.99	ng	0.00

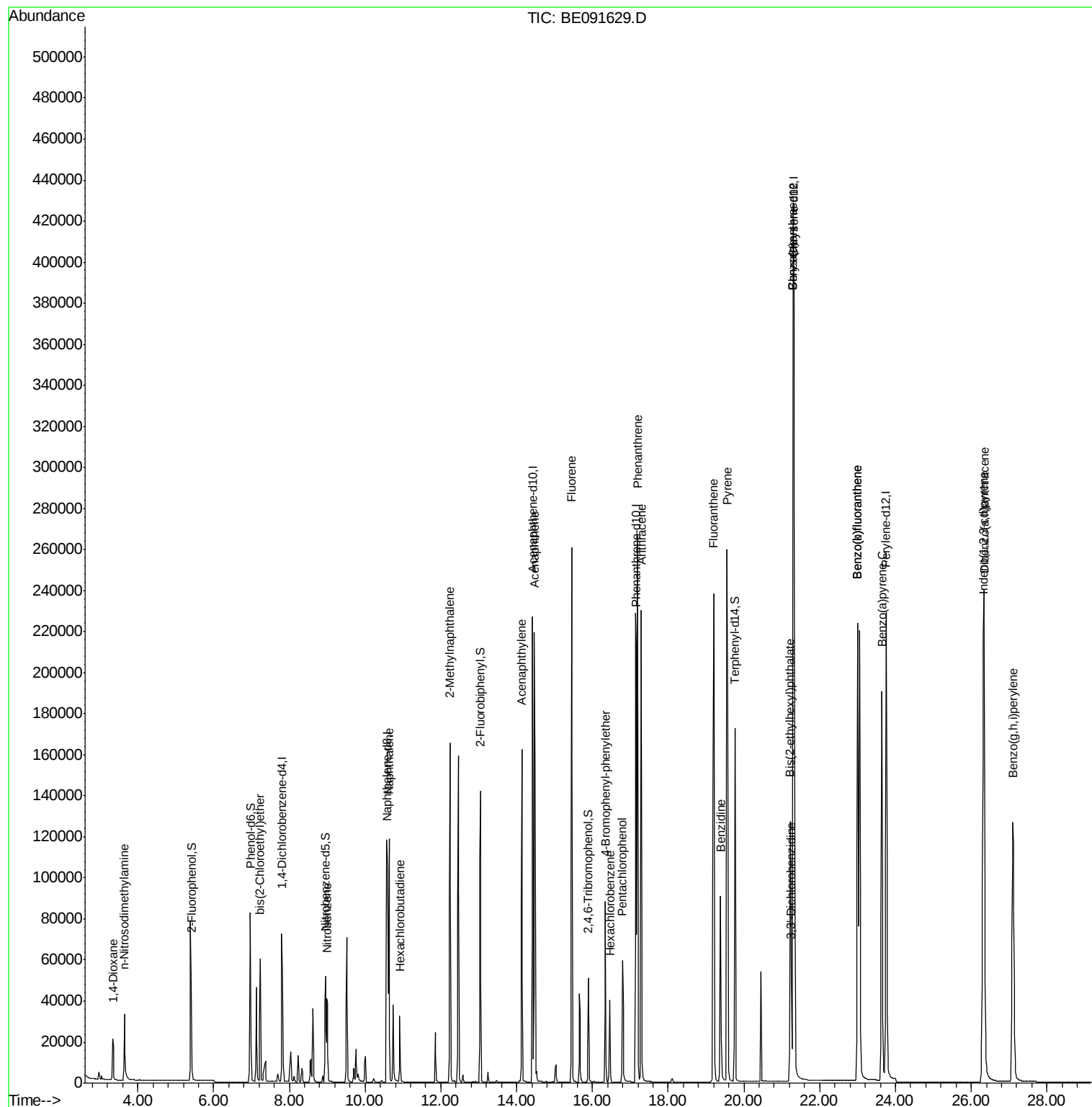
Target Compounds						Qvalue
2) 1,4-Dioxane	3.35	88	16160	3.39	ng	# 89
3) n-Nitrosodimethylamine	3.65	42	25096	3.79	ng	# 95
6) bis(2-Chloroethyl)ether	7.23	93	46319	3.89	ng	# 76
9) Nitrobenzene	8.99	77	51464	3.33	ng	94
10) Naphthalene	10.63	128	165183	3.72	ng	98
11) Hexachlorobutadiene	10.92	225	25201	3.86	ng	97
12) 2-Methylnaphthalene	12.24	142	119052	4.20	ng	98
16) Acenaphthylene	14.14	152	205294	3.93	ng	# 86
17) Acenaphthene	14.47	154	130017	3.93	ng	93
18) Fluorene	15.46	166	160459	3.88	ng	99
20) 4-Bromophenyl-phenylether	16.34	248	44547	3.94	ng	96
21) Hexachlorobenzene	16.46	284	46361	3.95	ng	98
22) Pentachlorophenol	16.79	266	46994	7.68	ng	# 86
23) Phenanthrene	17.19	178	290099	3.96	ng	99
24) Anthracene	17.29	178	273904	4.22	ng	99
25) Fluoranthene	19.21	202	308805	3.99	ng	98
27) Benzidine	19.38	184	119949	3.00	ng	# 75
28) Pyrene	19.55	202	343050	4.01	ng	99
30) Benzo(a)anthracene	21.29	228	713301	7.45	ng	99
31) 3,3'-Dichlorobenzidine	21.24	252	64738	1.06	ng	# 73
32) Chrysene	21.29	228	716836	8.25	ng	97
33) Bis(2-ethylhexyl)phthalate	21.22	149	110096	1.78	ng	# 80
34) Indeno(1,2,3-cd)pyrene	26.32	276	358451	3.70	ng	97
36) Benzo(b)fluoranthene	23.00	252	324245	4.02	ng	97
37) Benzo(k)fluoranthene	23.00	252	324245	4.08	ng	97
38) Benzo(a)pyrene	23.65	252	311505	4.16	ng	# 97
39) Dibenzo(a,h)anthracene	26.34	278	300977	4.08	ng	96
40) Benzo(g,h,i)perylene	27.10	276	300943	3.96	ng	97

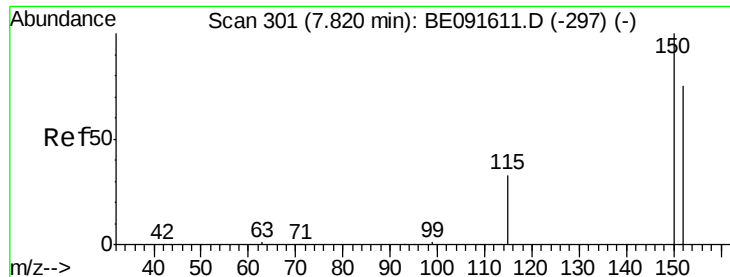
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 7.80 min Scan# 300

Delta R.T. -0.02 min

Lab File: BE091629.D

Acq: 11 Apr 2016 15:36

Instrument :

BNA_E

ClientSampleId :

PB89639BS

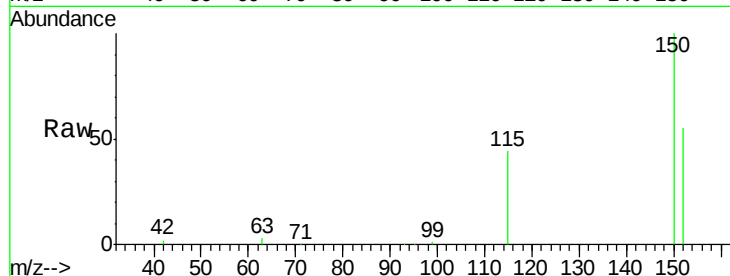
Tgt Ion:152 Resp: 43127

Ion Ratio Lower Upper

152 100

150 181.1 122.6 183.8

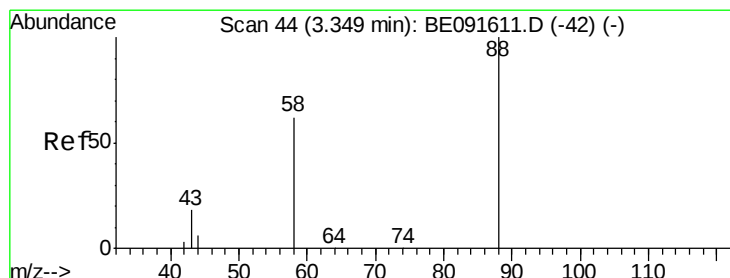
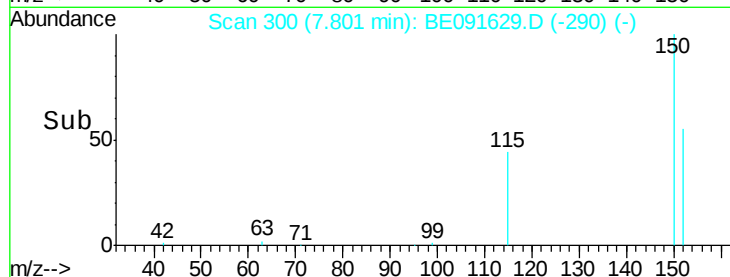
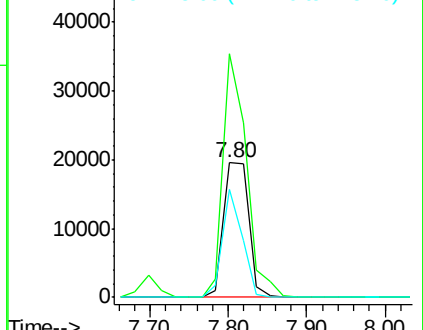
115 80.3 52.8 79.2#



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: 3.39 ng

RT: 3.35 min Scan# 44

Delta R.T. 0.00 min

Lab File: BE091629.D

Acq: 11 Apr 2016 15:36

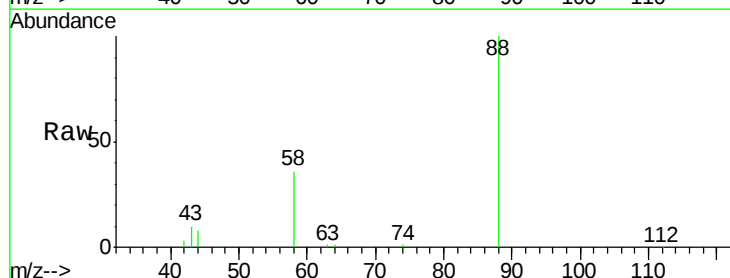
Tgt Ion: 88 Resp: 16160

Ion Ratio Lower Upper

88 100

58 90.2 65.8 98.6

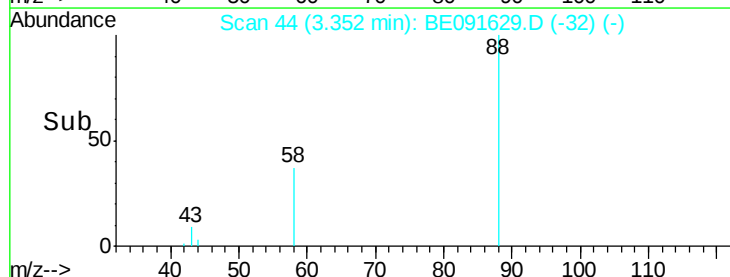
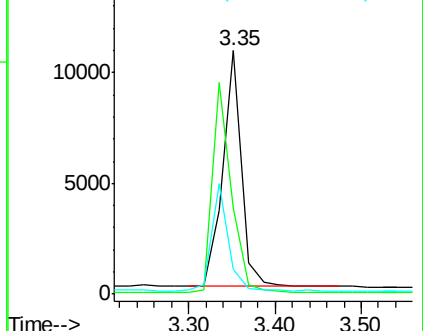
43 39.7 25.3 37.9#

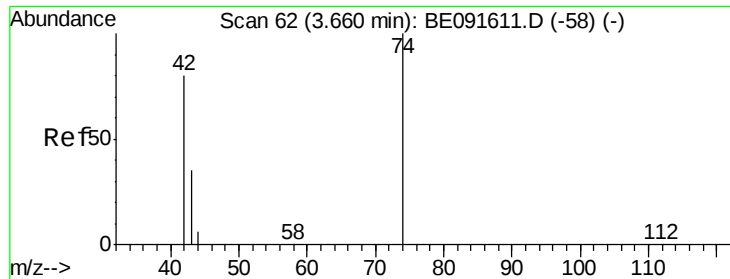


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#3

n-Nitrosodimethylamine

Concen: 3.79 ng

RT: 3.65 min Scan# 61

Delta R.T. -0.01 min

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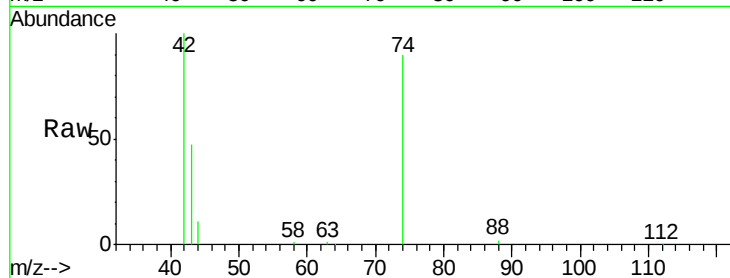
Tgt Ion: 42 Resp: 25096

Ion Ratio Lower Upper

42 100

74 105.2 87.9 131.9

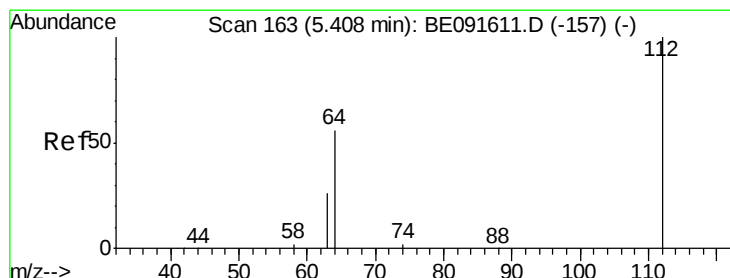
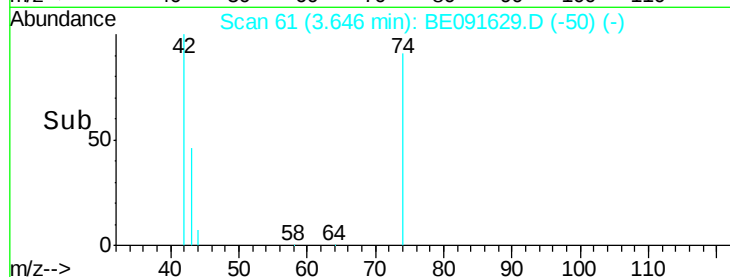
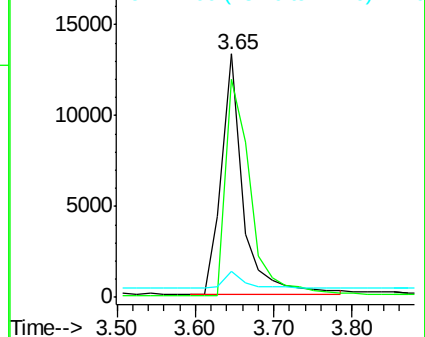
44 6.2 6.6 9.8#



Abundance Ion 42.00 (41.70 to 42.70): BE0

Ion 74.00 (73.70 to 74.70): BE0

Ion 44.00 (43.70 to 44.70): BE0



#4

2-Fluorophenol

Concen: 6.72 ng

RT: 5.41 min Scan# 163

Delta R.T. 0.00 min

Lab File: BE091629.D

Acq: 11 Apr 2016 15:36

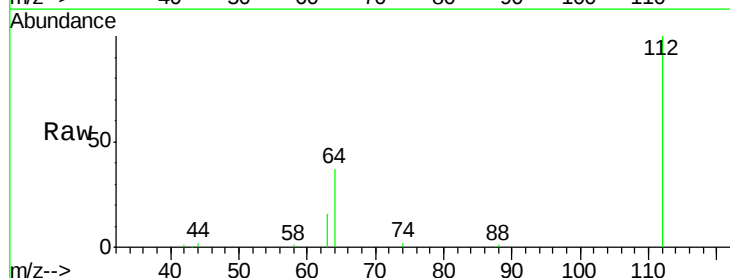
Tgt Ion: 112 Resp: 69139

Ion Ratio Lower Upper

112 100

64 68.8 30.9 46.3#

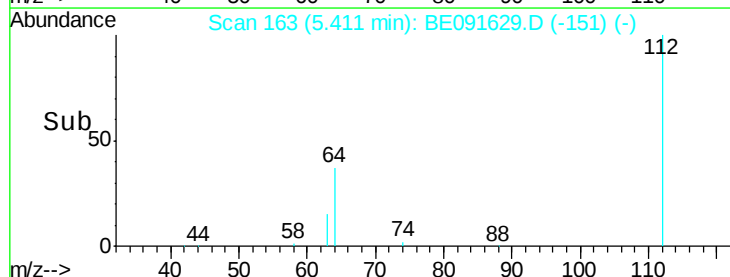
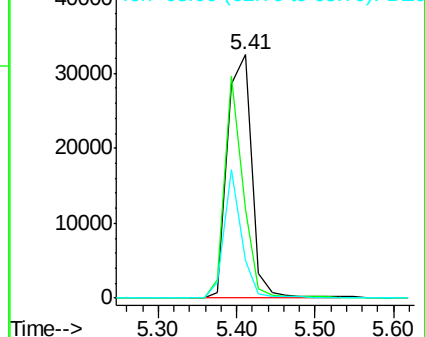
63 37.6 16.7 25.1#

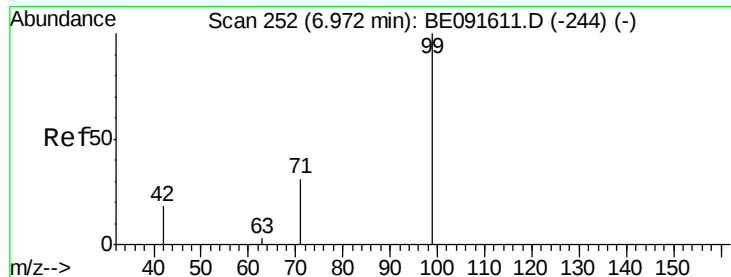


Abundance Ion 112.00 (111.70 to 112.70): BE0

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 7.64 ng

RT: 6.97 min Scan# 252

Delta R.T. -0.00 min

Lab File: BE091629.D

Acq: 11 Apr 2016 15:36

Instrument :

BNA_E

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PB89639BS

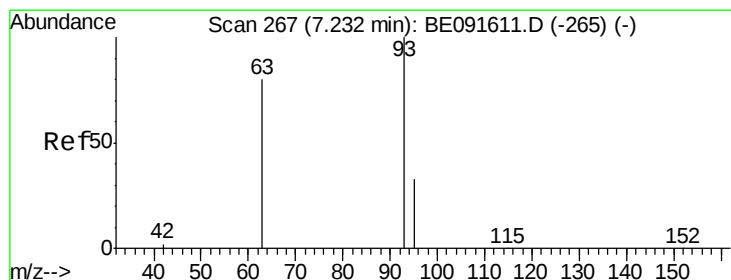
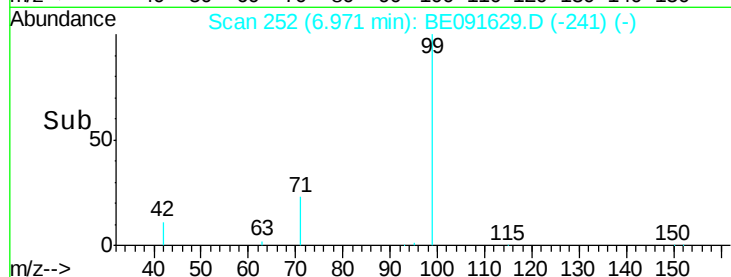
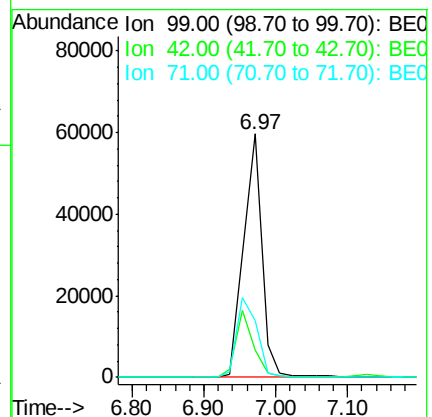
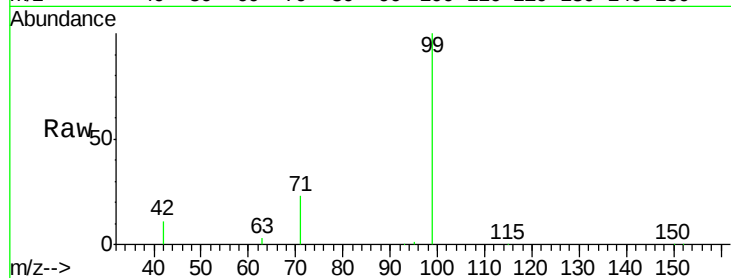
Tgt Ion: 99 Resp: 104808

Ion Ratio Lower Upper

99 100

42 26.3 16.2 24.2#

71 36.0 29.0 43.4



#6

bis(2-Chloroethyl)ether

Concen: 3.89 ng

RT: 7.23 min Scan# 267

Delta R.T. -0.00 min

Lab File: BE091629.D

Acq: 11 Apr 2016 15:36

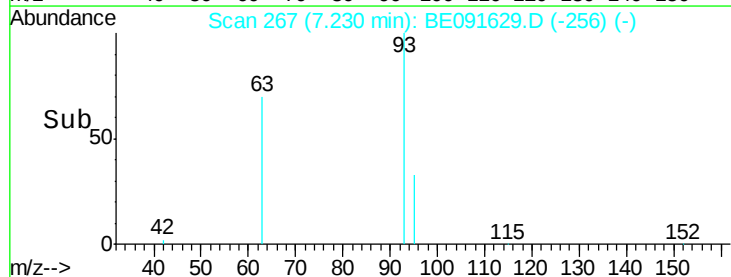
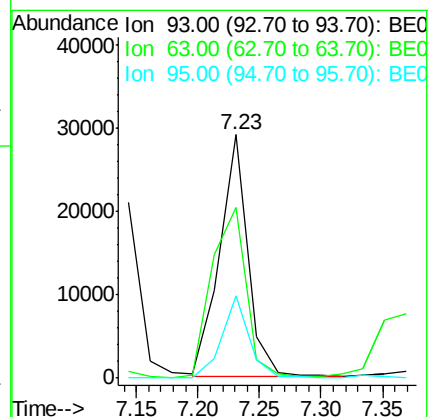
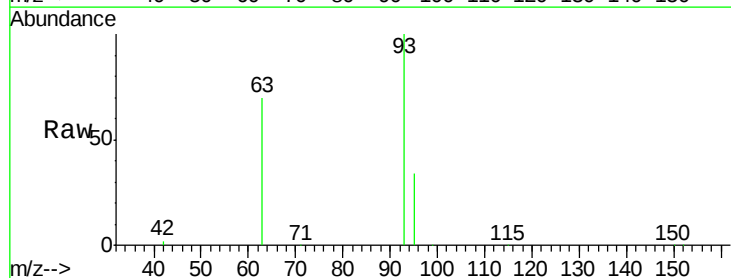
Tgt Ion: 93 Resp: 46319

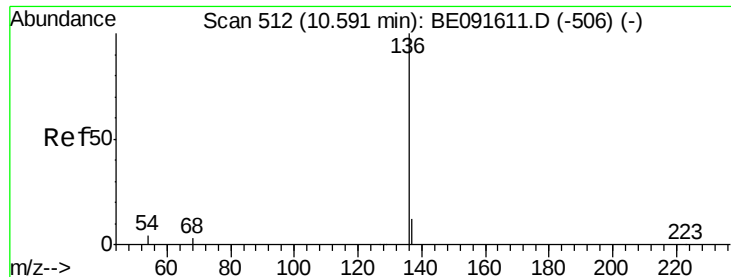
Ion Ratio Lower Upper

93 100

63 85.3 49.5 74.3#

95 32.5 22.2 33.4





#7

Naphthalene-d8

Concen: 5.00 ng

RT: 10.59 min Scan# 512

Delta R.T. -0.00 min

Lab File: BE091629.D

Acq: 11 Apr 2016 15:36

Instrument :

BNA_E

ClientSampleId :

PB89639BS

Tgt Ion: 136 Resp: 215372

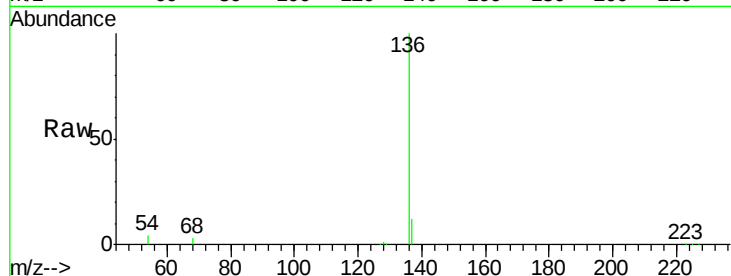
Ion Ratio Lower Upper

136 100

137 12.2 8.9 13.3

54 3.6 8.2 12.4#

68 3.0 6.2 9.4#

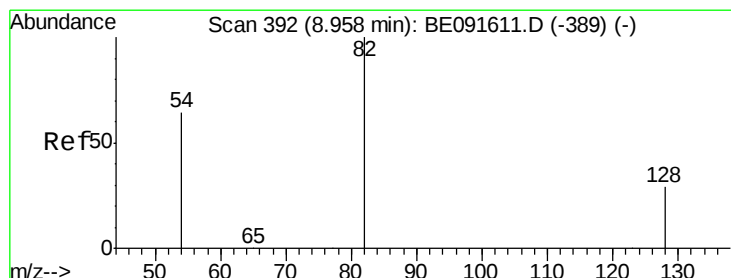
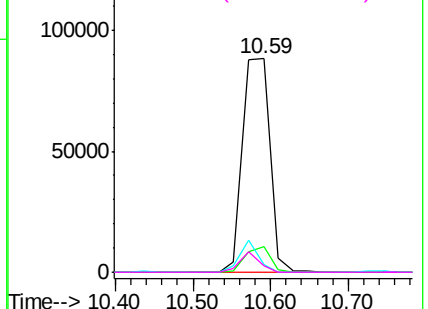
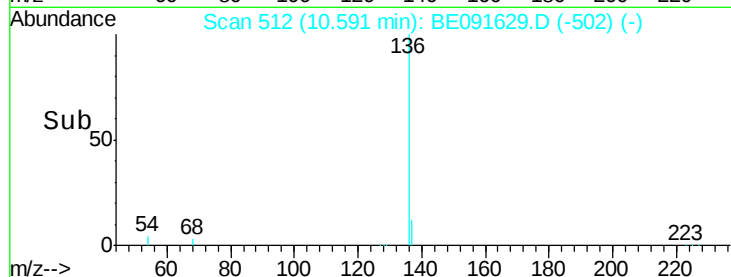


Abundance Ion 136.00 (135.70 to 136.70): E

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: 3.77 ng

RT: 8.96 min Scan# 392

Delta R.T. -0.00 min

Lab File: BE091629.D

Acq: 11 Apr 2016 15:36

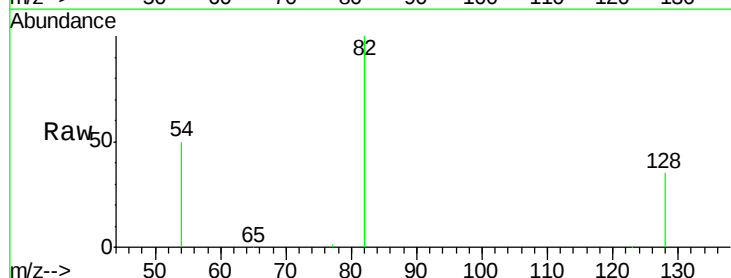
Tgt Ion: 82 Resp: 47209

Ion Ratio Lower Upper

82 100

128 35.4 25.4 38.0

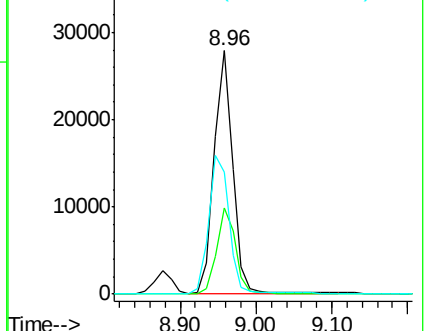
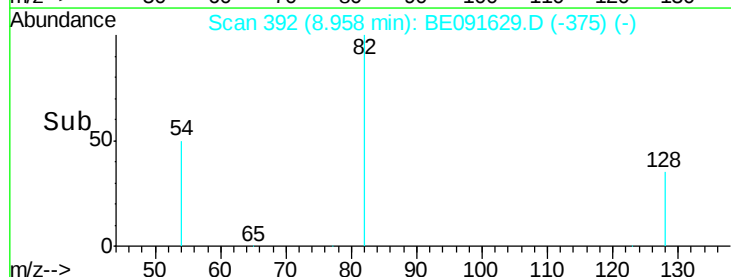
54 50.1 48.4 72.6

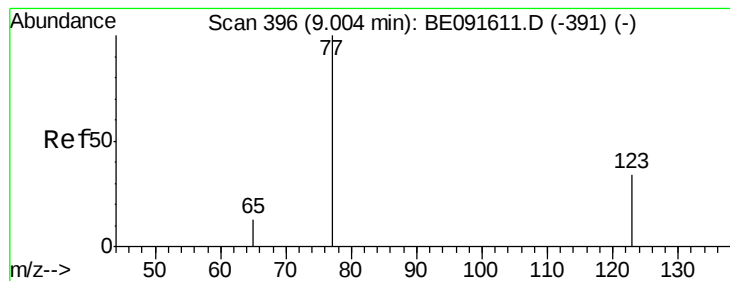


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Nitrobenzene

Concen: 3.33 ng

RT: 8.99 min Scan# 395

Delta R.T. -0.01 min

Lab File: BE091629.D

Acq: 11 Apr 2016 15:36

Instrument :

BNA_E

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PB89639BS

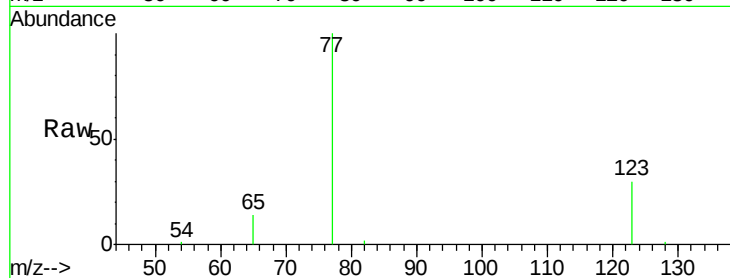
Tgt Ion: 77 Resp: 51464

Ion Ratio Lower Upper

77 100

123 37.1 26.9 40.3

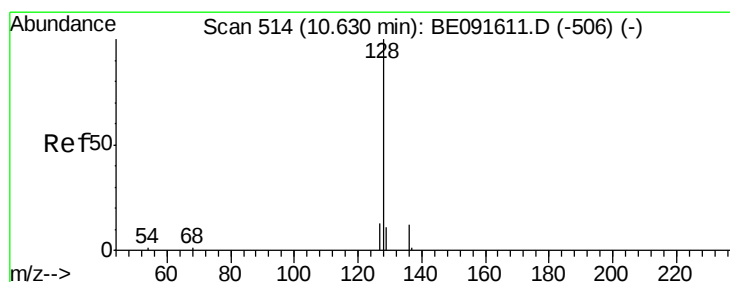
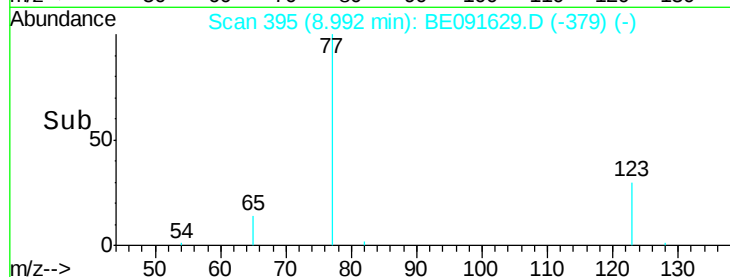
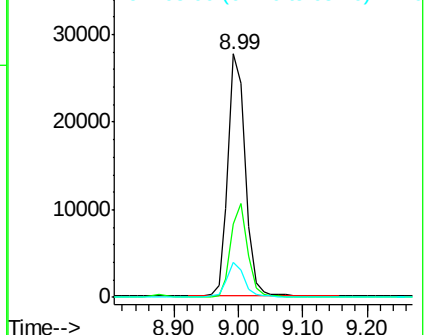
65 13.9 9.4 14.2



Abundance Ion 77.00 (76.70 to 77.70): BE0

Ion 123.00 (122.70 to 123.70): BE0

Ion 65.00 (64.70 to 65.70): BE0



#10

Naphthalene

Concen: 3.72 ng

RT: 10.63 min Scan# 514

Delta R.T. -0.00 min

Lab File: BE091629.D

Acq: 11 Apr 2016 15:36

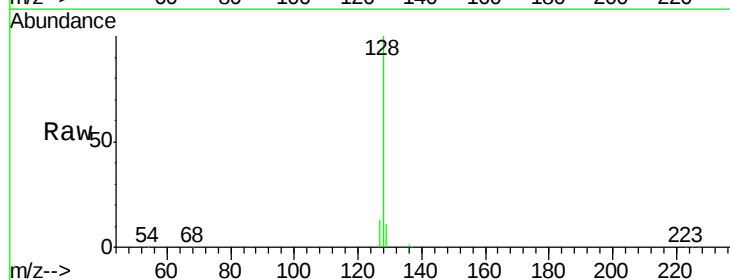
Tgt Ion: 128 Resp: 165183

Ion Ratio Lower Upper

128 100

129 11.1 9.3 13.9

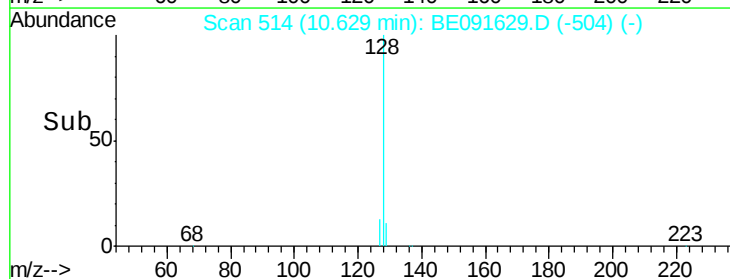
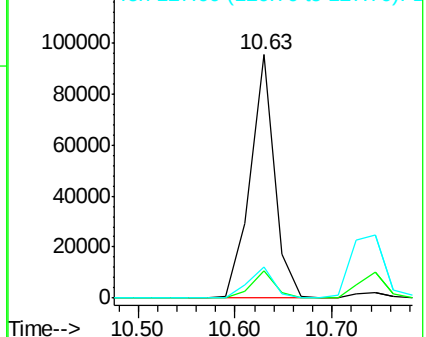
127 12.6 10.7 16.1

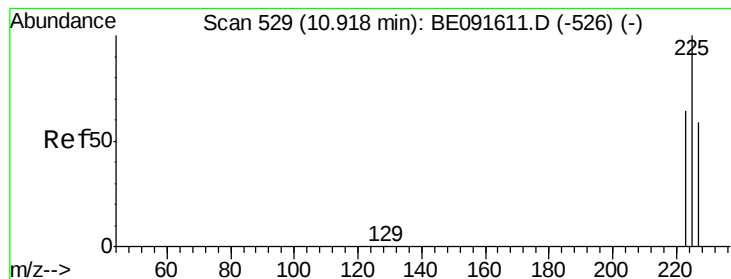


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E





#11

Hexachlorobutadiene

Concen: 3.86 ng

RT: 10.92 min Scan# 529

Delta R.T. -0.00 min

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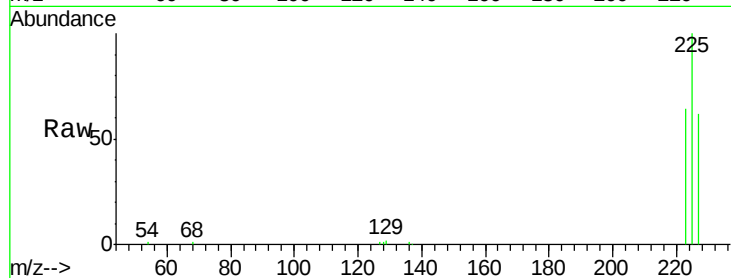
Tgt Ion: 225 Resp: 25201

Ion Ratio Lower Upper

225 100

223 64.4 49.0 73.6

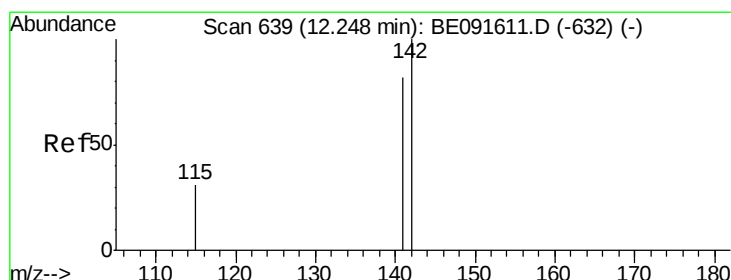
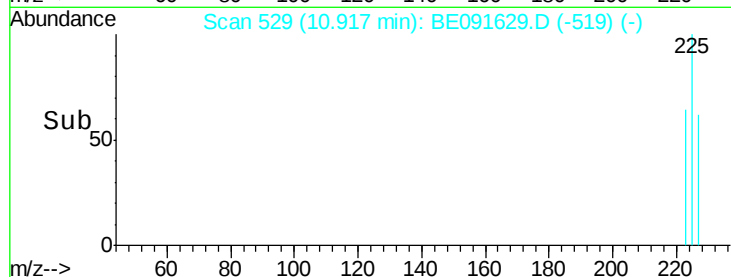
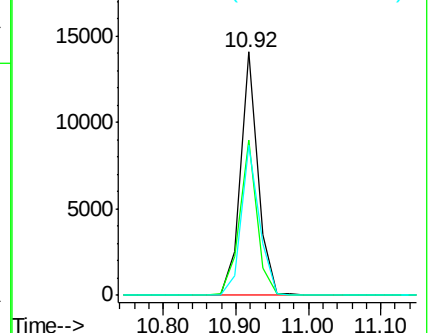
227 64.9 50.3 75.5



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



#12

2-Methylnaphthalene

Concen: 4.20 ng

RT: 12.24 min Scan# 638

Delta R.T. -0.01 min

Lab File: BE091629.D

Acq: 11 Apr 2016 15:36

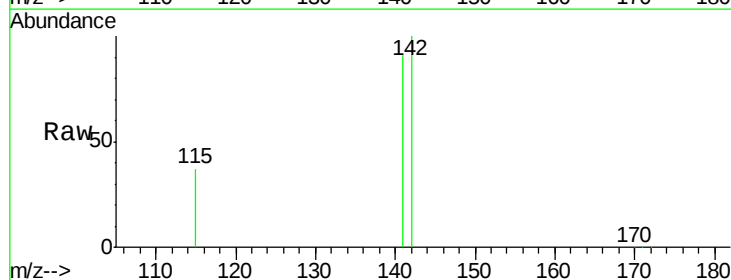
Tgt Ion: 142 Resp: 119052

Ion Ratio Lower Upper

142 100

141 90.9 71.4 107.0

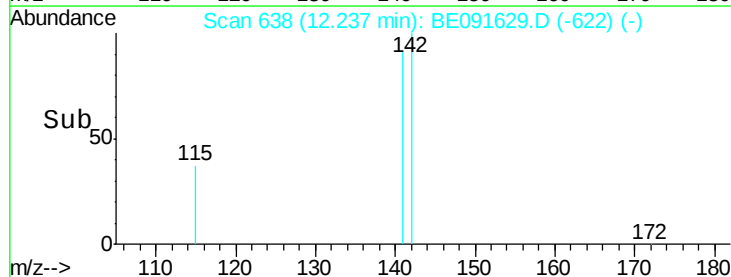
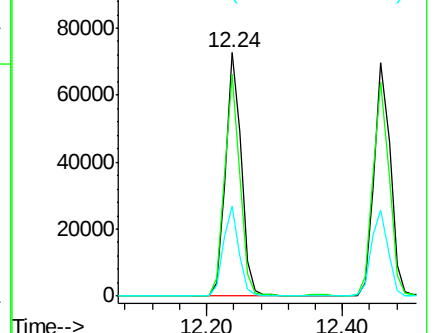
115 37.1 30.3 45.5

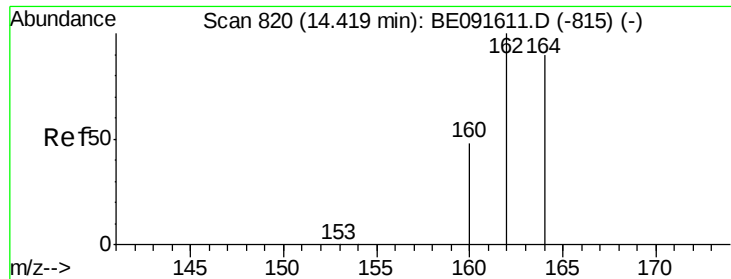


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

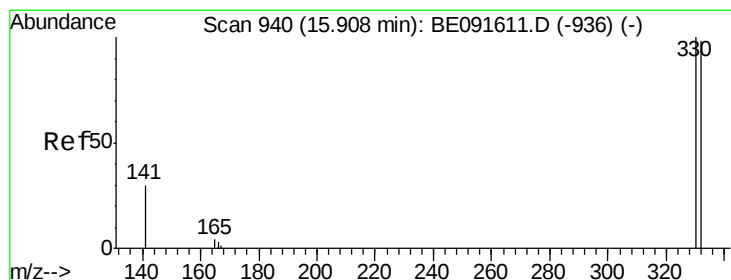
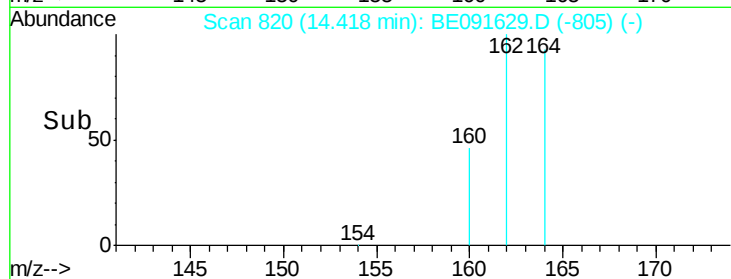
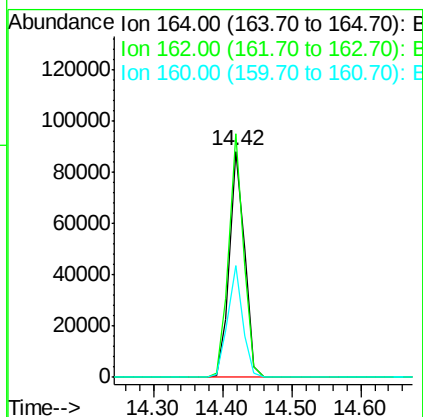
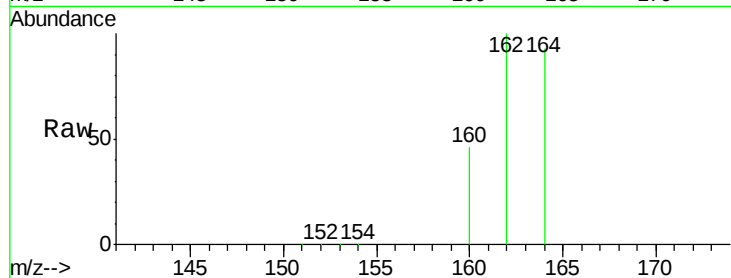




#13
 Acenaphthene-d10
 Concen: 5.00 ng
 RT: 14.42 min Scan# 820
 Delta R.T. -0.00 min
 Lab File: BE091629.D
 Acq: 11 Apr 2016 15:36

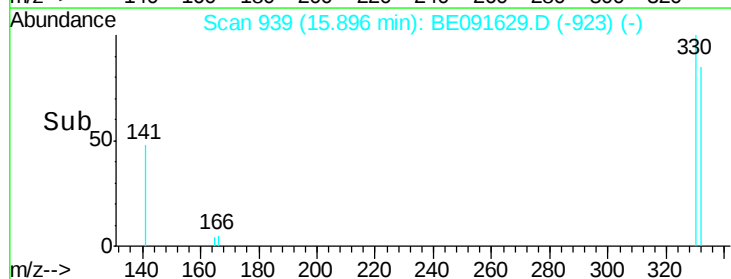
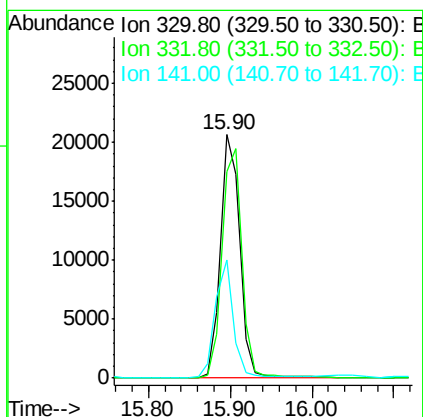
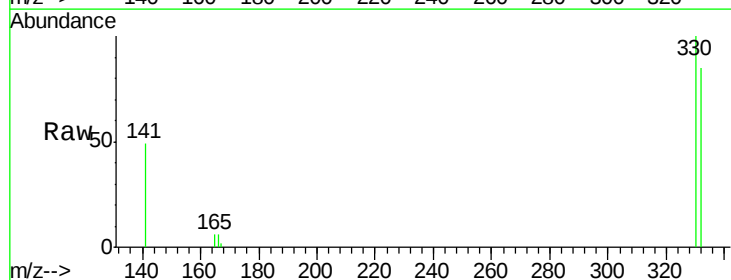
Instrument :
 BNA_E
 ClientSampleId :
 PB89639BS

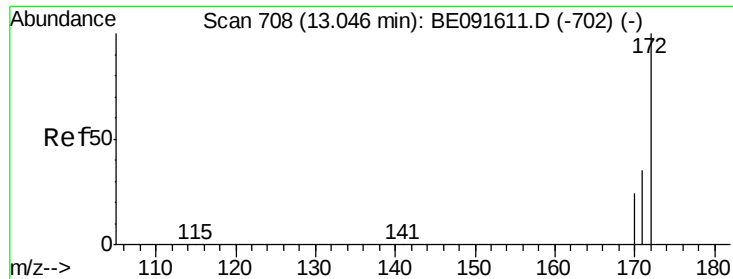
Tgt Ion:164 Resp: 134716
 Ion Ratio Lower Upper
 164 100
 162 107.6 85.3 127.9
 160 49.3 46.2 69.2



#14
 2,4,6-Tribromophenol
 Concen: 7.72 ng
 RT: 15.90 min Scan# 939
 Delta R.T. -0.01 min
 Lab File: BE091629.D
 Acq: 11 Apr 2016 15:36

Tgt Ion:330 Resp: 38015
 Ion Ratio Lower Upper
 330 100
 332 96.2 79.1 118.7
 141 39.2 125.4 188.0#

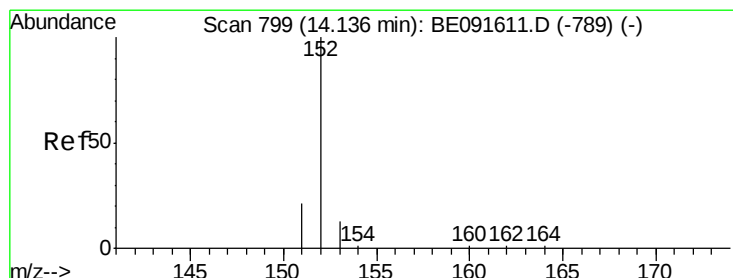
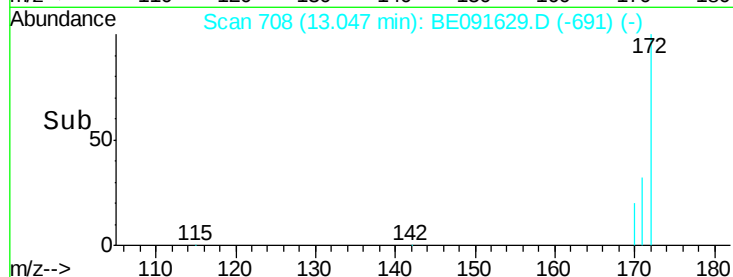
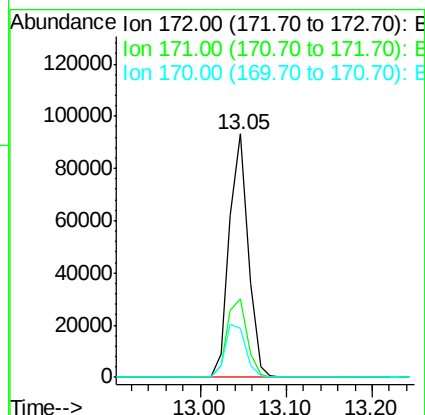
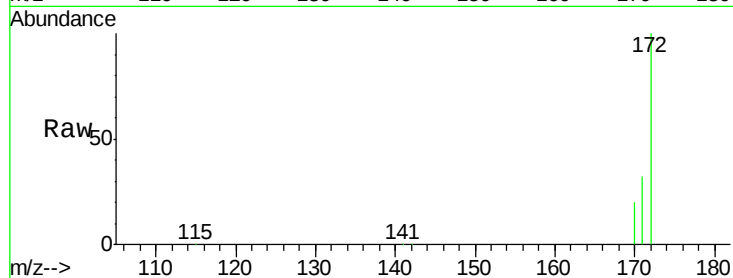




#15
2-Fluorobiphenyl
Concen: 3.80 ng
RT: 13.05 min Scan# 708
Delta R.T. 0.00 min
Lab File: BE091629.D
Acq: 11 Apr 2016 15:36

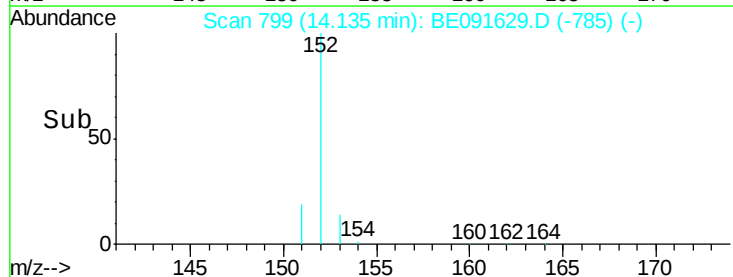
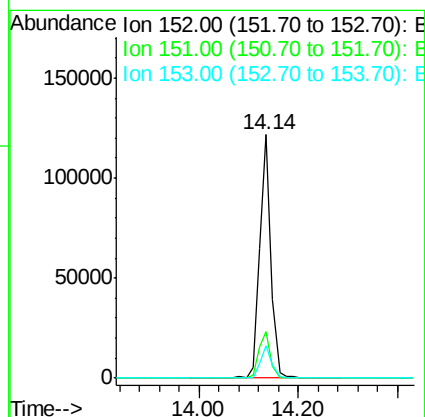
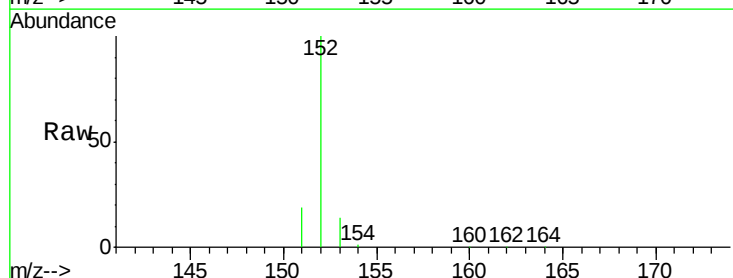
Instrument :
BNA_E
ClientSampleId :
PB89639BS

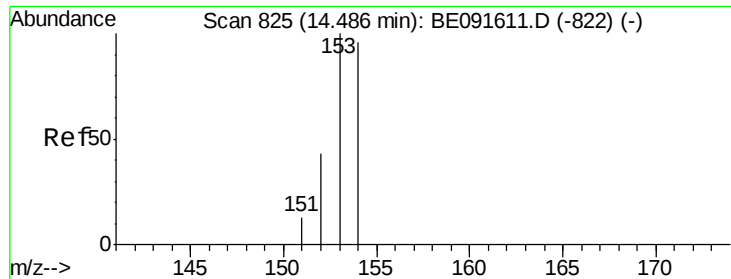
Tgt Ion:172 Resp: 142433
Ion Ratio Lower Upper
172 100
171 32.1 28.8 43.2
170 20.1 19.3 28.9



#16
Acenaphthylene
Concen: 3.93 ng
RT: 14.14 min Scan# 799
Delta R.T. -0.00 min
Lab File: BE091629.D
Acq: 11 Apr 2016 15:36

Tgt Ion:152 Resp: 205294
Ion Ratio Lower Upper
152 100
151 20.2 3.9 5.9#
153 13.6 10.3 15.5

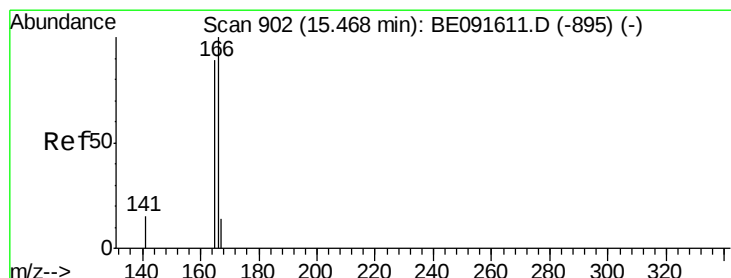
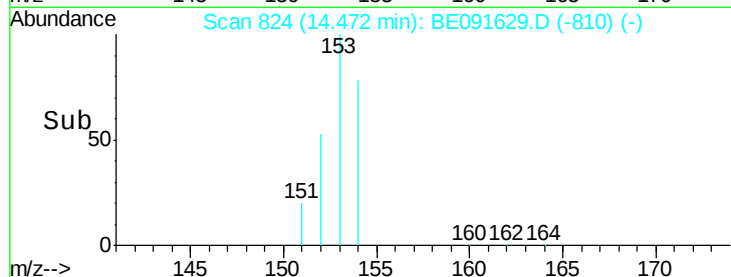
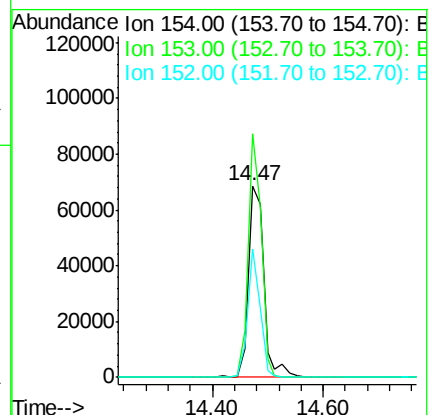
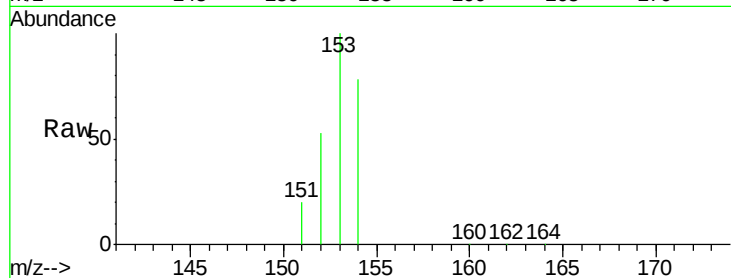




#17
Acenaphthene
Concen: 3.93 ng
RT: 14.47 min Scan# 824
Delta R.T. -0.01 min
Lab File: BE091629.D
Acq: 11 Apr 2016 15:36

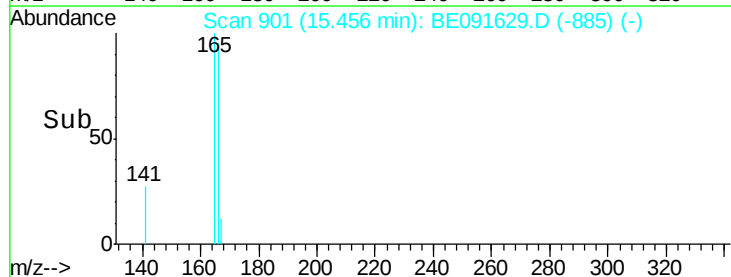
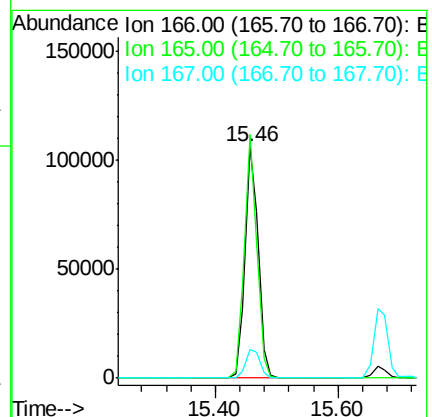
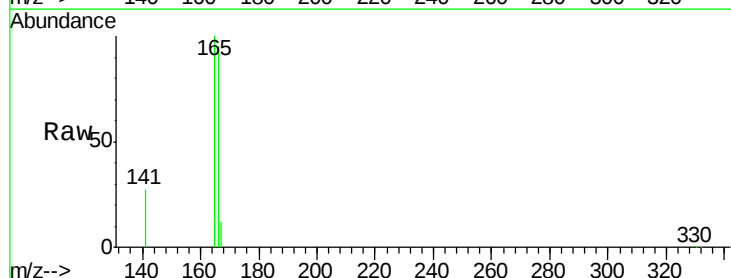
Instrument :
BNA_E
ClientSampleId :
PB89639BS

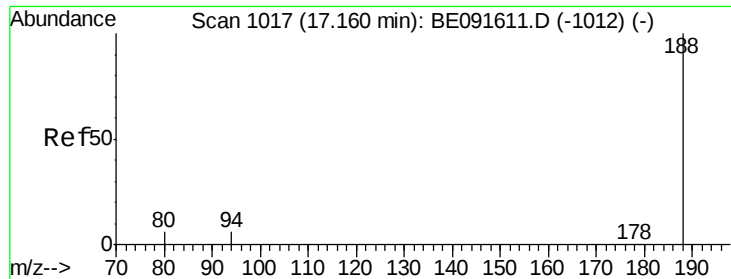
Tgt Ion:154 Resp: 130017
Ion Ratio Lower Upper
154 100
153 107.5 80.0 120.0
152 53.5 40.0 60.0



#18
Fluorene
Concen: 3.88 ng
RT: 15.46 min Scan# 901
Delta R.T. -0.01 min
Lab File: BE091629.D
Acq: 11 Apr 2016 15:36

Tgt Ion:166 Resp: 160459
Ion Ratio Lower Upper
166 100
165 99.8 80.8 121.2
167 13.5 10.9 16.3

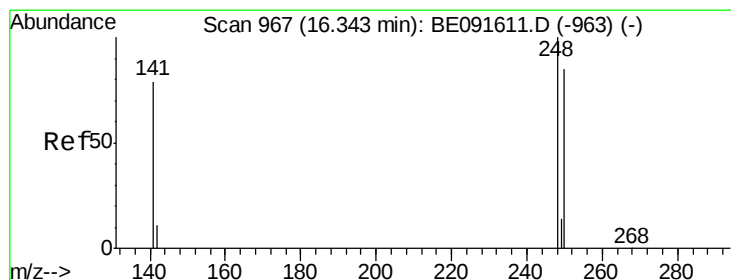
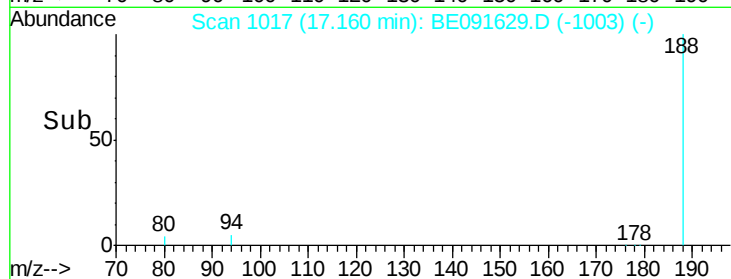
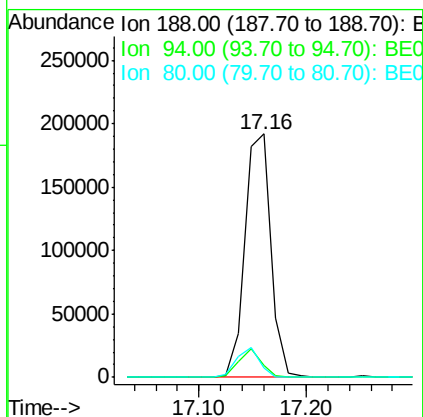
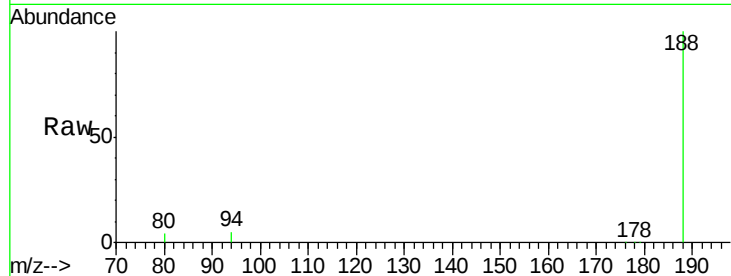




#19
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.16 min Scan# 1017
Delta R.T. 0.00 min
Lab File: BE091629.D
Acq: 11 Apr 2016 15:36

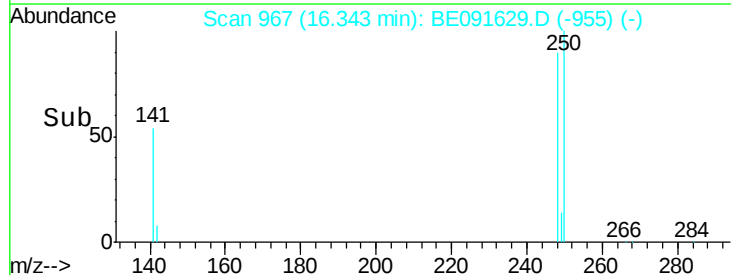
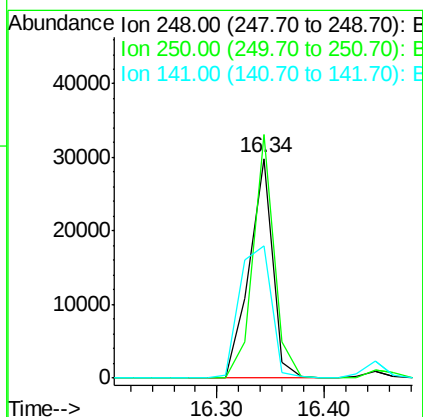
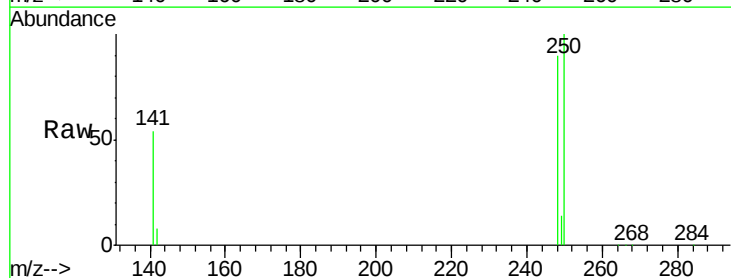
Instrument :
BNA_E
ClientSampleId :
PB89639BS

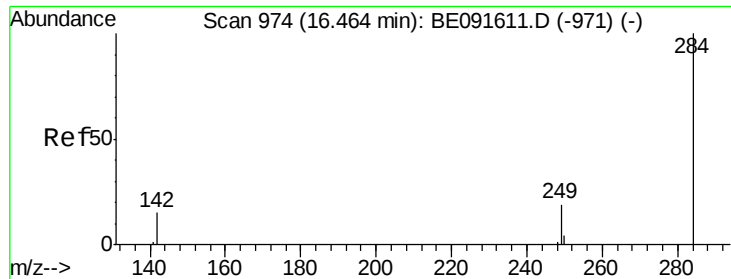
Tgt Ion:188 Resp: 320856
Ion Ratio Lower Upper
188 100
94 4.8 8.7 13.1#
80 4.0 9.4 14.0#



#20
4-Bromophenyl-phenylether
Concen: 3.94 ng
RT: 16.34 min Scan# 967
Delta R.T. 0.00 min
Lab File: BE091629.D
Acq: 11 Apr 2016 15:36

Tgt Ion:248 Resp: 44547
Ion Ratio Lower Upper
248 100
250 100.3 80.5 120.7
141 81.8 72.0 108.0

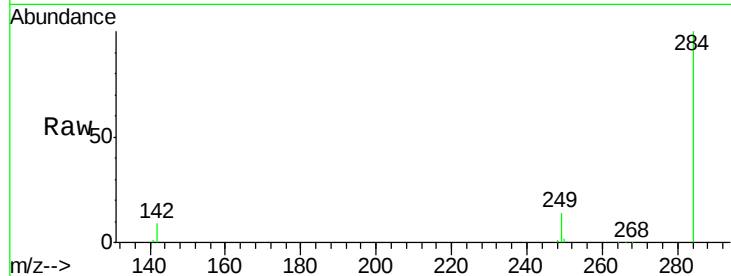




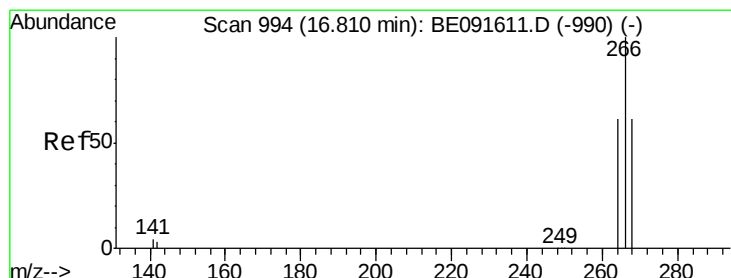
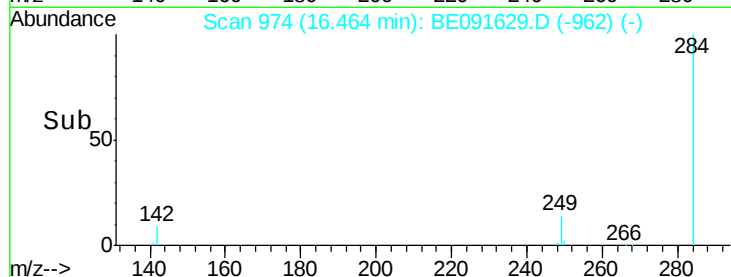
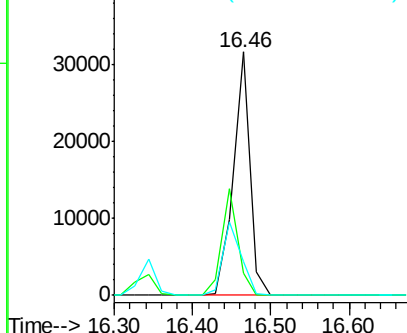
#21
Hexachlorobenzene
Concen: 3.95 ng
RT: 16.46 min Scan# 974
Delta R.T. 0.00 min
Lab File: BE091629.D
Acq: 11 Apr 2016 15:36

Instrument :
BNA_E
ClientSampleId :
PB89639BS

Tgt Ion: 284 Resp: 46361
Ion Ratio Lower Upper
284 100
142 41.8 32.2 48.2
249 32.9 25.4 38.2

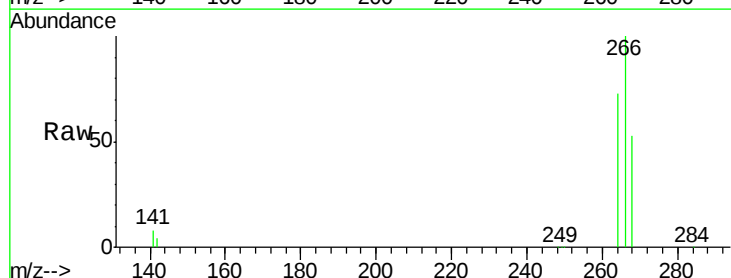


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

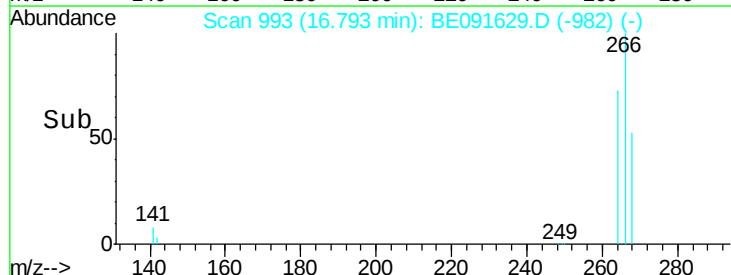
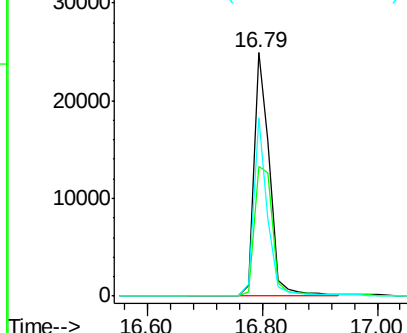


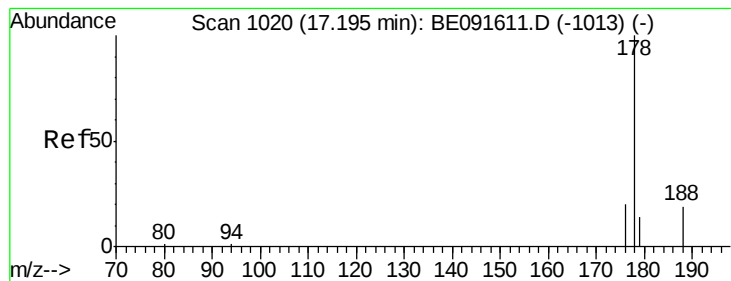
#22
Pentachlorophenol
Concen: 7.68 ng
RT: 16.79 min Scan# 993
Delta R.T. -0.02 min
Lab File: BE091629.D
Acq: 11 Apr 2016 15:36

Tgt Ion: 266 Resp: 46994
Ion Ratio Lower Upper
266 100
268 53.0 58.2 87.2#
264 73.2 56.2 84.4



Abundance Ion 265.70 (265.40 to 266.40): E
Ion 268.00 (267.70 to 268.70): E
Ion 264.00 (263.70 to 264.70): E





#23

Phenanthrene

Concen: 3.96 ng

RT: 17.19 min Scan# 1020

Delta R.T. 0.00 min

Lab File: BE091629.D

Acq: 11 Apr 2016 15:36

Instrument :

BNA_E

ClientSampleId :

PB89639BS

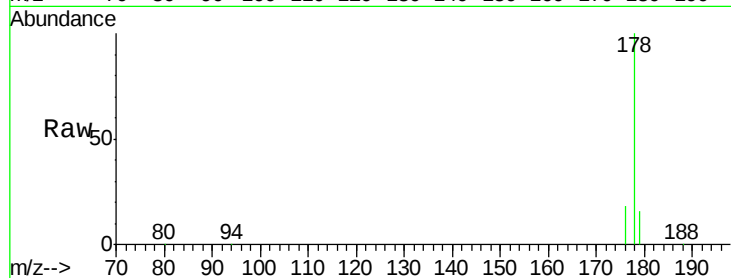
Tgt Ion:178 Resp: 290099

Ion Ratio Lower Upper

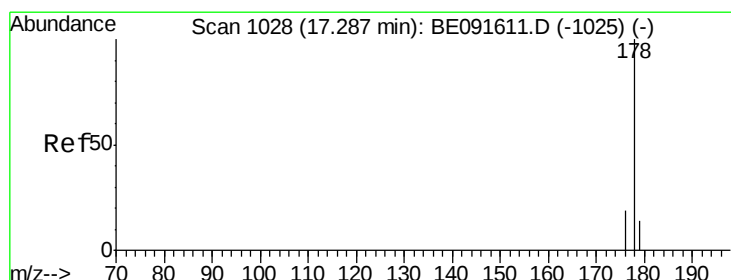
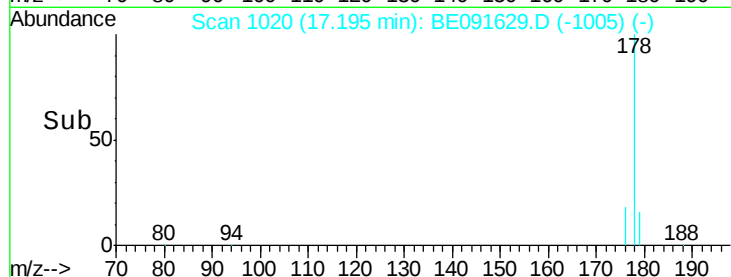
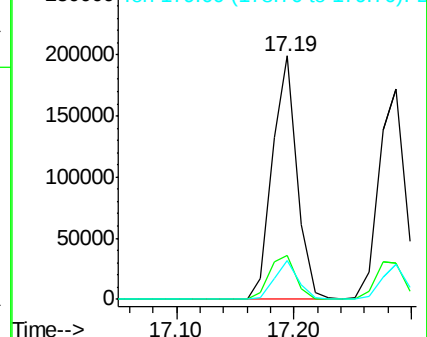
178 100

176 19.6 15.3 22.9

179 15.3 12.6 18.8



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: 4.22 ng

RT: 17.29 min Scan# 1028

Delta R.T. 0.00 min

Lab File: BE091629.D

Acq: 11 Apr 2016 15:36

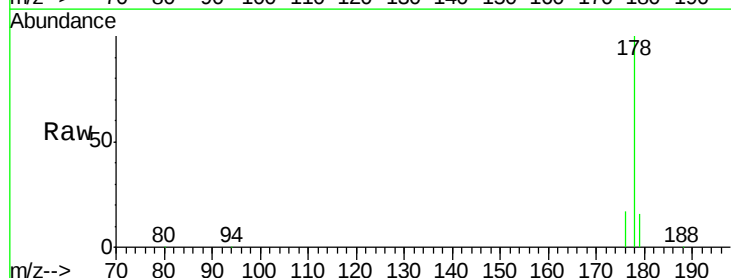
Tgt Ion:178 Resp: 273904

Ion Ratio Lower Upper

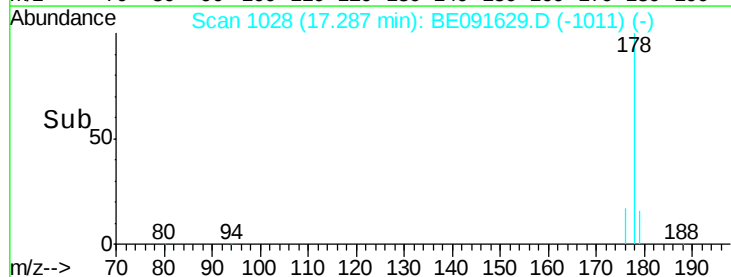
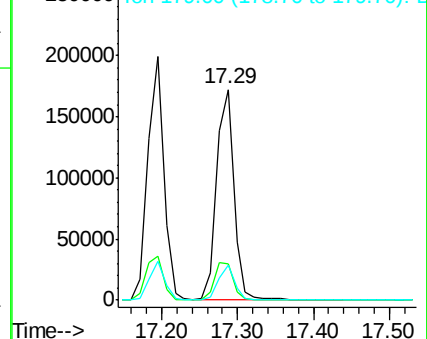
178 100

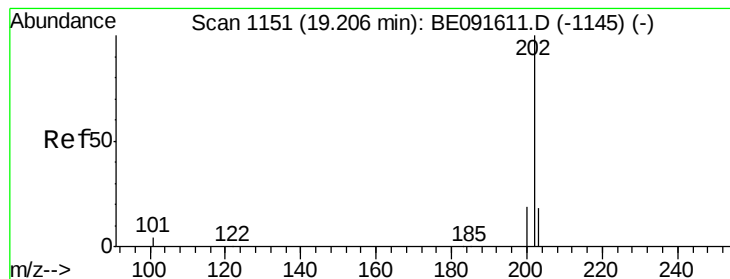
176 18.9 14.6 21.8

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





#25

Fluoranthene

Concen: 3.99 ng

RT: 19.21 min Scan# 1151

Delta R.T. -0.00 min

Lab File: BE091629.D

Acq: 11 Apr 2016 15:36

Instrument :

BNA_E

ClientSampleId :

PB89639BS

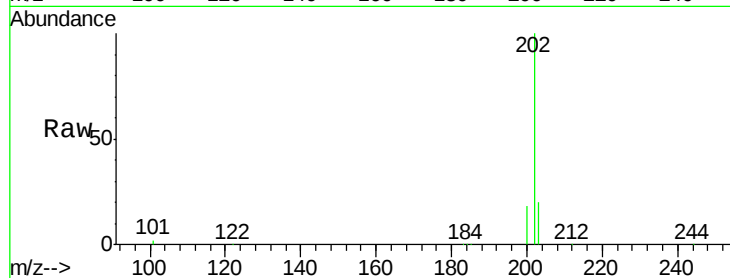
Tgt Ion: 202 Resp: 308805

Ion Ratio Lower Upper

202 100

101 12.1 11.0 16.6

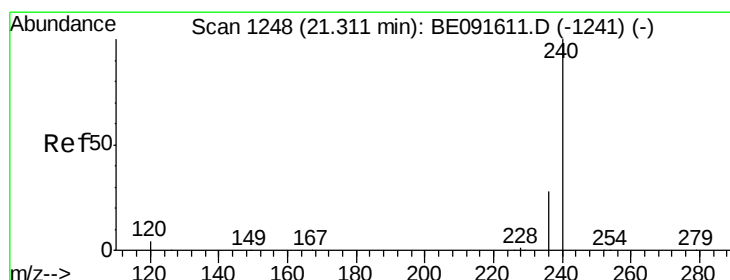
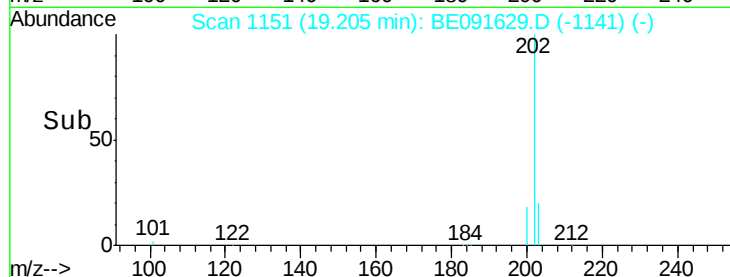
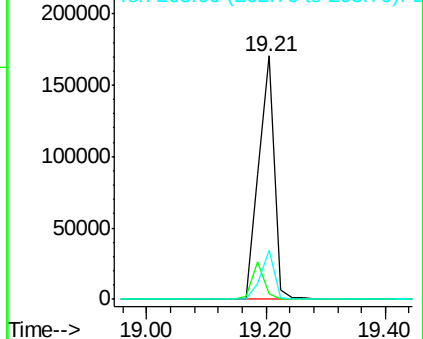
203 17.8 13.9 20.9



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



#26

Chrysene-d12

Concen: 5.00 ng

RT: 21.31 min Scan# 1248

Delta R.T. 0.00 min

Lab File: BE091629.D

Acq: 11 Apr 2016 15:36

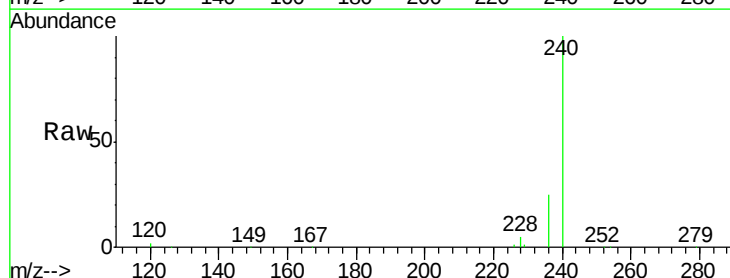
Tgt Ion: 240 Resp: 427765

Ion Ratio Lower Upper

240 100

120 1.7 11.0 16.4#

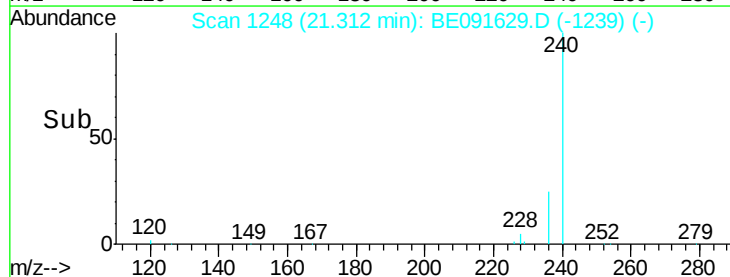
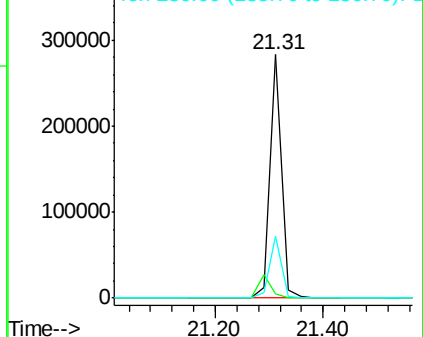
236 25.4 21.7 32.5

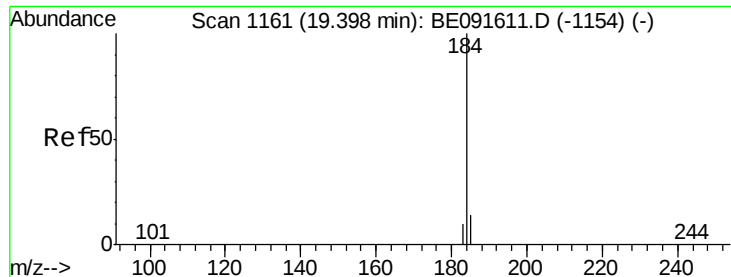


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#27

Benzidine

Concen: 3.00 ng

RT: 19.38 min Scan# 1160

Delta R.T. -0.02 min

Lab File: BE091629.D

Acq: 11 Apr 2016 15:36

Instrument :

BNA_E

ClientSampleId :

PB89639BS

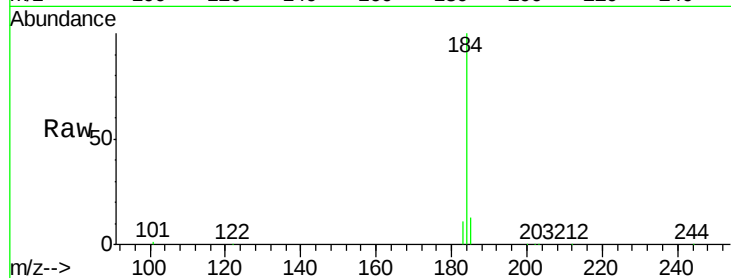
Tgt Ion:184 Resp: 119949

Ion Ratio Lower Upper

184 100

185 13.4 22.3 33.5#

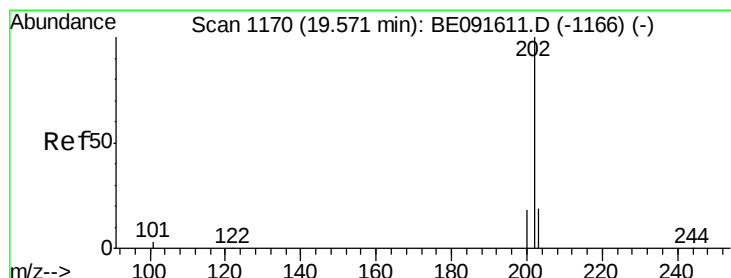
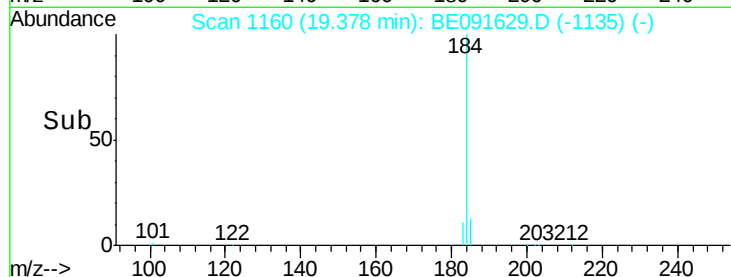
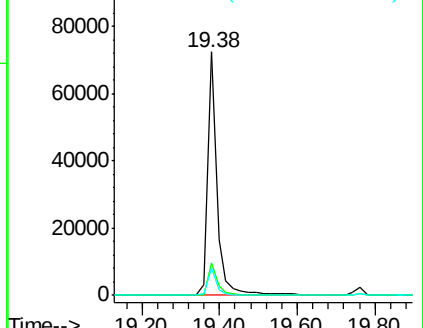
183 11.0 16.4 24.6#



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#28

Pyrene

Concen: 4.01 ng

RT: 19.55 min Scan# 1169

Delta R.T. -0.02 min

Lab File: BE091629.D

Acq: 11 Apr 2016 15:36

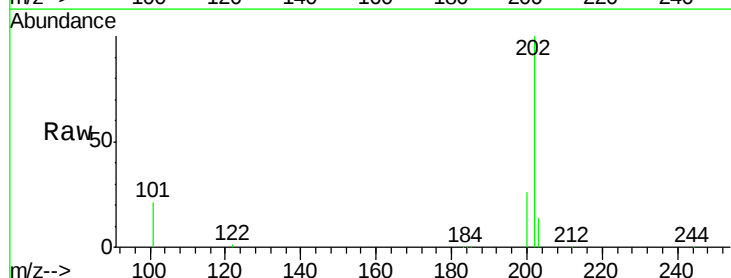
Tgt Ion:202 Resp: 343050

Ion Ratio Lower Upper

202 100

200 21.8 16.8 25.2

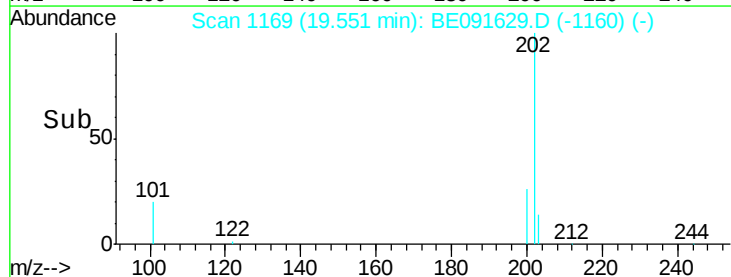
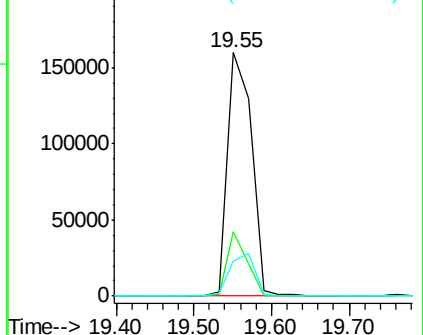
203 18.0 14.0 21.0

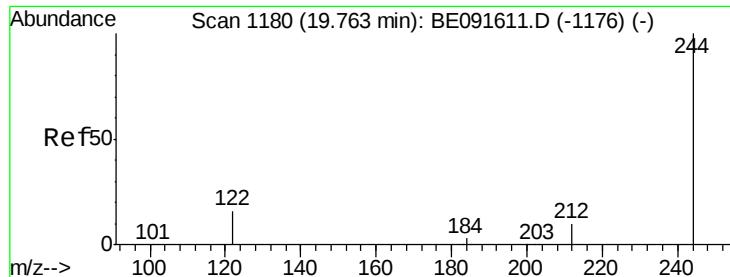


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 3.99 ng

RT: 19.76 min Scan# 1180

Delta R.T. -0.00 min

Lab File: BE091629.D

Acq: 11 Apr 2016 15:36

Instrument :

BNA_E

ClientSampleId :

PB89639BS

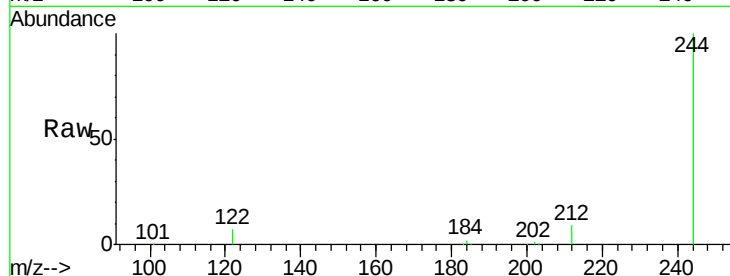
Tgt Ion:244 Resp: 213149

Ion Ratio Lower Upper

244 100

212 9.2 6.9 10.3

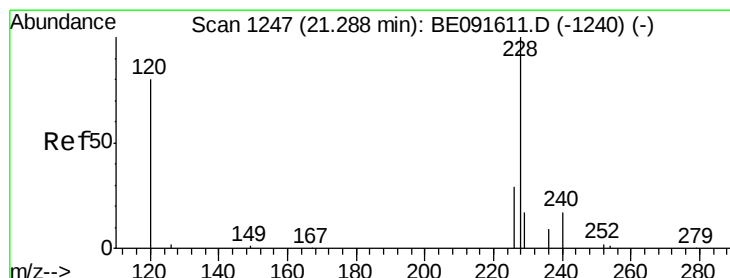
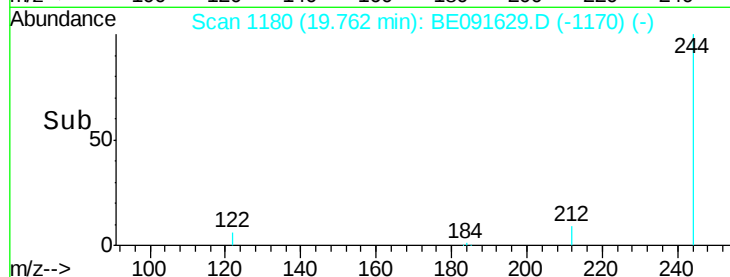
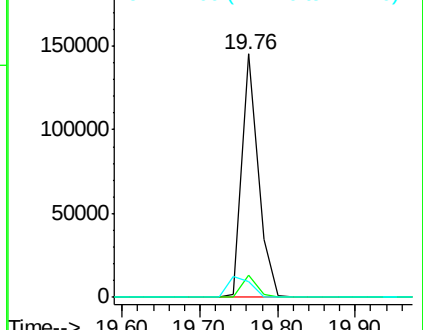
122 6.5 11.0 16.4#



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: 7.45 ng

RT: 21.29 min Scan# 1247

Delta R.T. 0.00 min

Lab File: BE091629.D

Acq: 11 Apr 2016 15:36

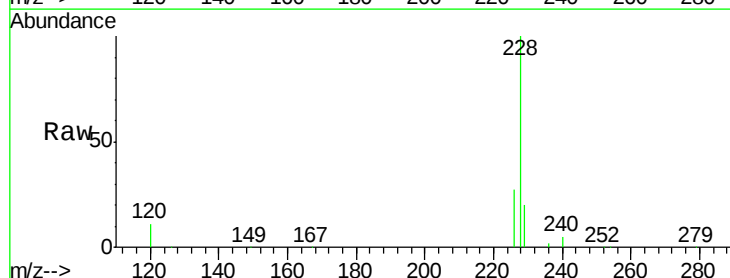
Tgt Ion:228 Resp: 713301

Ion Ratio Lower Upper

228 100

226 27.2 21.0 31.4

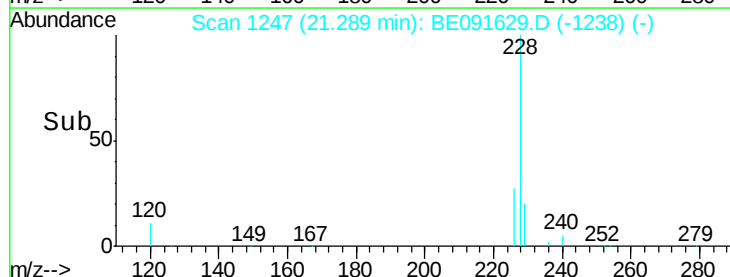
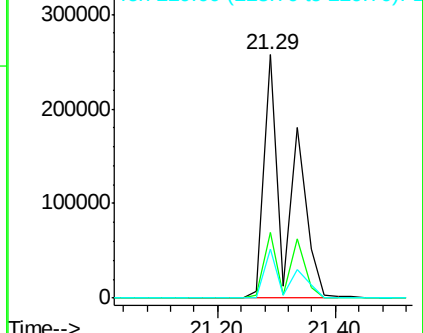
229 19.9 15.7 23.5

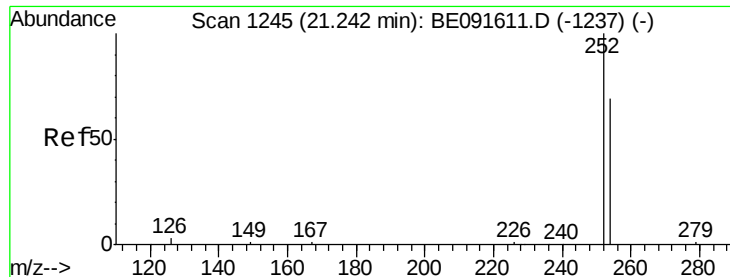


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

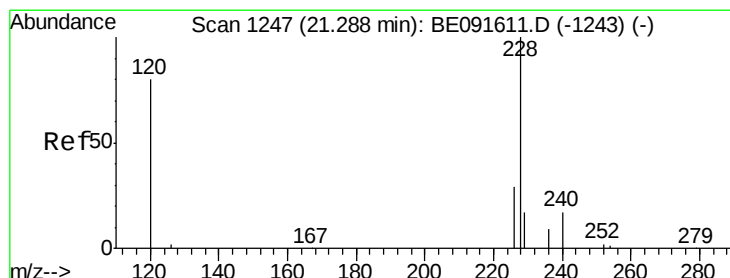
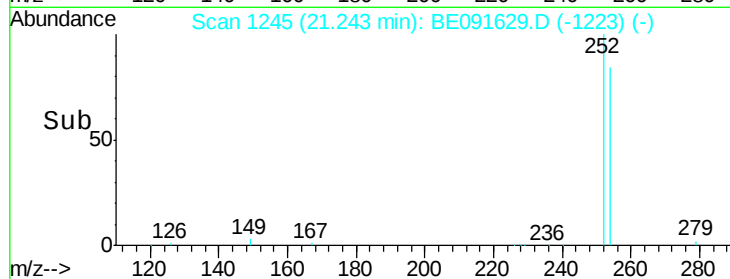
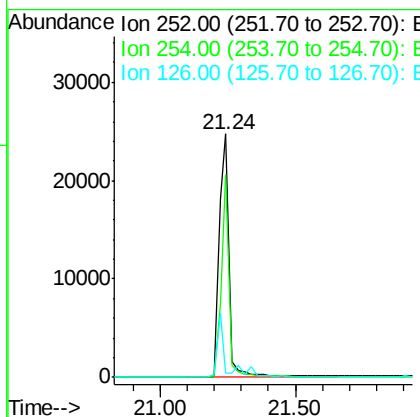
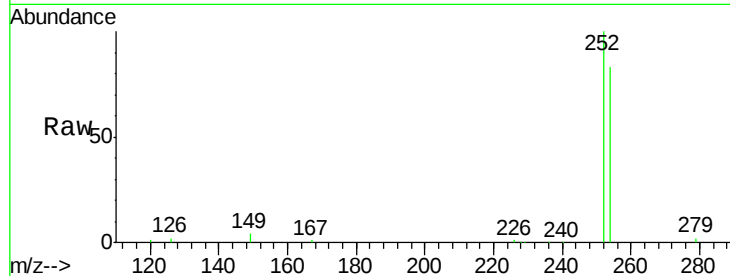




#31
 3,3'-Dichlorobenzidine
 Concen: 1.06 ng
 RT: 21.24 min Scan# 1245
 Delta R.T. 0.00 min
 Lab File: BE091629.D
 Acq: 11 Apr 2016 15:36

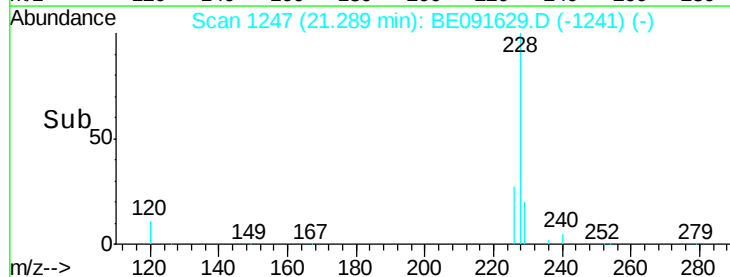
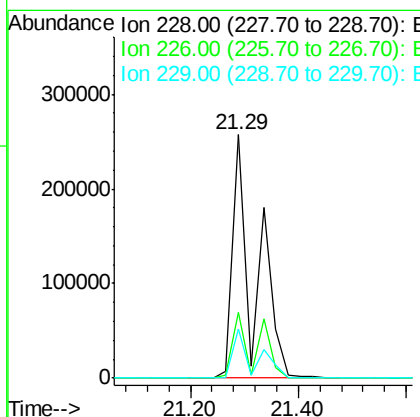
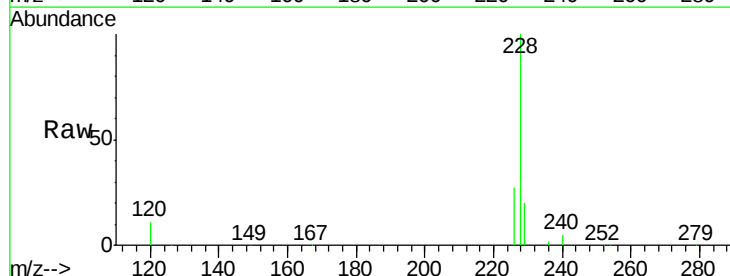
Instrument :
 BNA_E
 ClientSampleId :
 PB89639BS

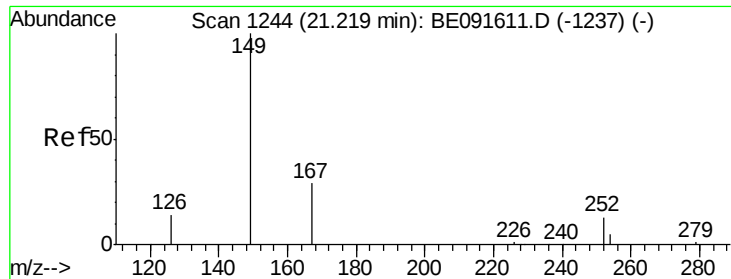
Tgt Ion: 252 Resp: 64738
 Ion Ratio Lower Upper
 252 100
 254 83.5 51.1 76.7#
 126 1.6 12.6 18.8#



#32
 Chrysene
 Concen: 8.25 ng
 RT: 21.29 min Scan# 1247
 Delta R.T. -0.07 min
 Lab File: BE091629.D
 Acq: 11 Apr 2016 15:36

Tgt Ion: 228 Resp: 716836
 Ion Ratio Lower Upper
 228 100
 226 27.2 24.0 36.0
 229 19.9 15.9 23.9

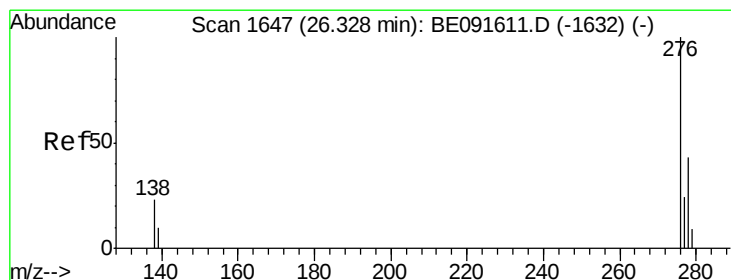
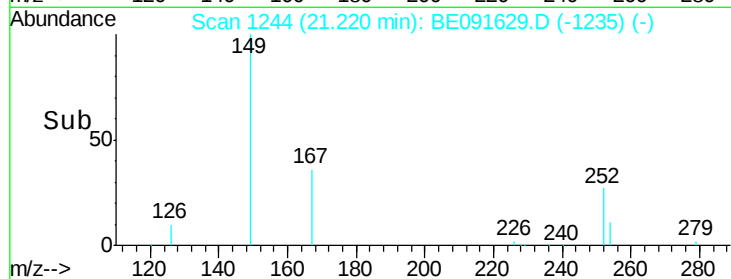
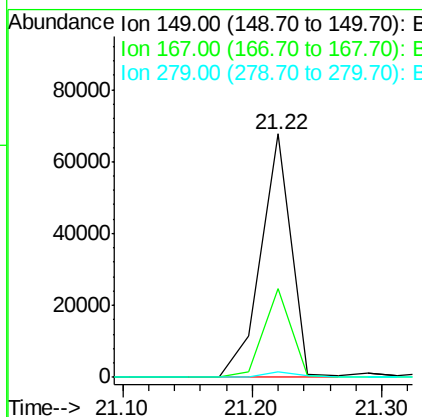
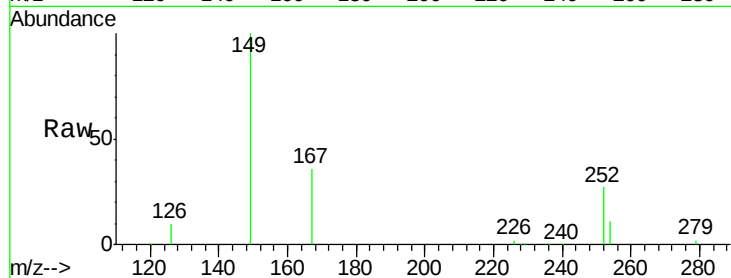




#33
 Bis(2-ethylhexyl)phthalate
 Concen: 1.78 ng
 RT: 21.22 min Scan# 1244
 Delta R.T. 0.00 min
 Lab File: BE091629.D
 Acq: 11 Apr 2016 15:36

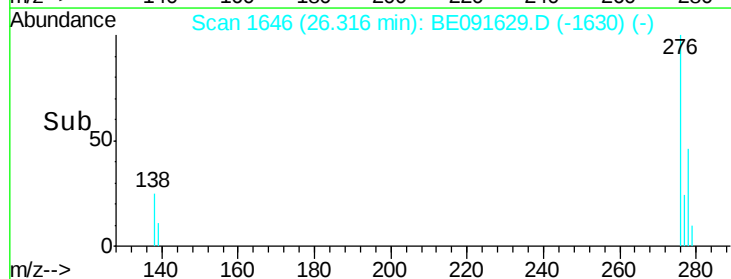
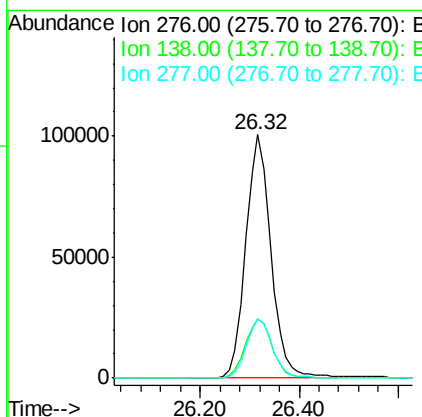
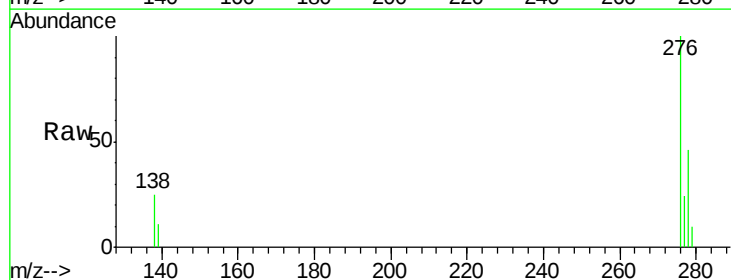
Instrument :
 BNA_E
 ClientSampleId :
 PB89639BS

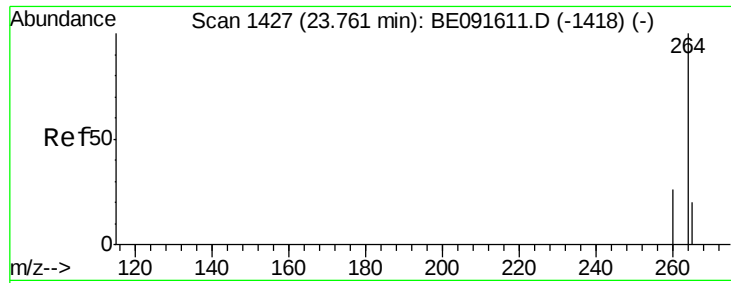
Tgt Ion:149 Resp: 110096
 Ion Ratio Lower Upper
 149 100
 167 33.3 19.5 29.3#
 279 2.6 10.0 15.0#



#34
 Indeno(1,2,3-cd)pyrene
 Concen: 3.70 ng
 RT: 26.32 min Scan# 1646
 Delta R.T. -0.01 min
 Lab File: BE091629.D
 Acq: 11 Apr 2016 15:36

Tgt Ion:276 Resp: 358451
 Ion Ratio Lower Upper
 276 100
 138 26.2 23.4 35.2
 277 24.9 19.8 29.8

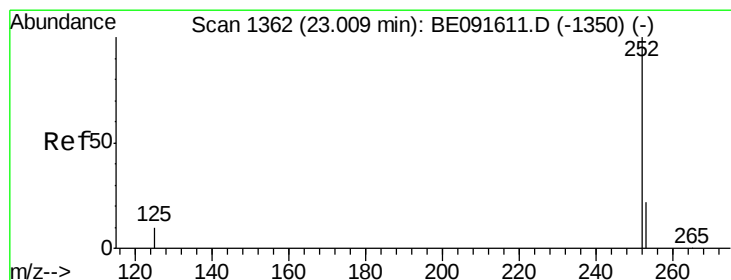
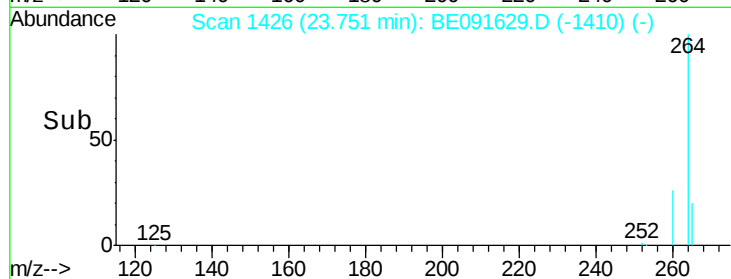
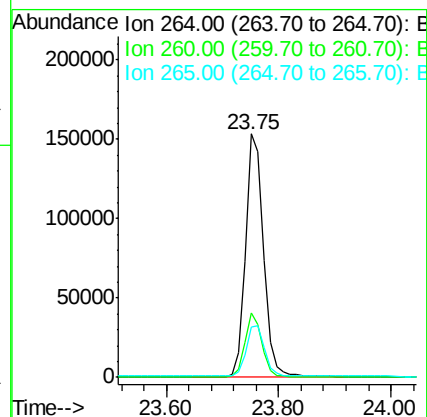
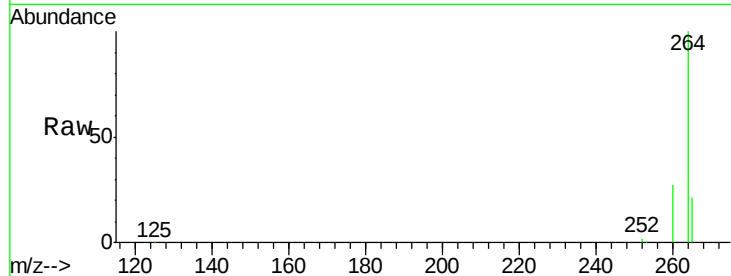




#35
Perylene-d12
Concen: 5.00 ng
RT: 23.75 min Scan# 1426
Delta R.T. -0.01 min
Lab File: BE091629.D
Acq: 11 Apr 2016 15:36

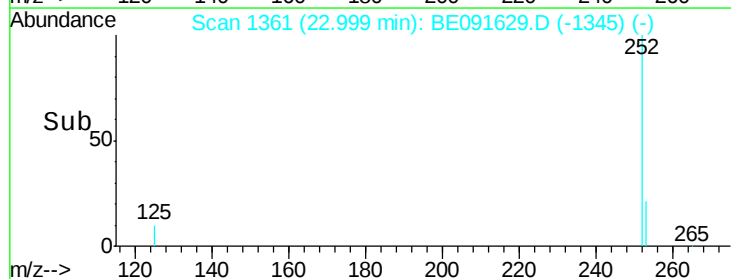
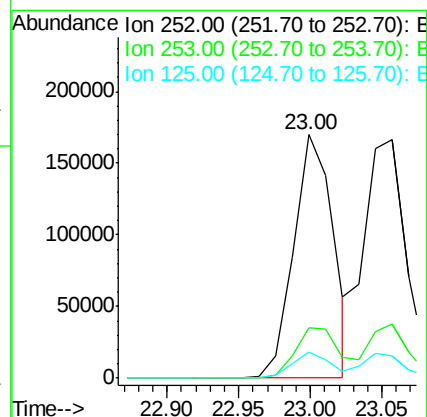
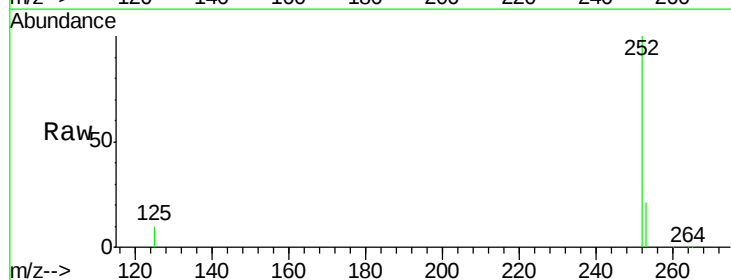
Instrument :
BNA_E
ClientSampleId :
PB89639BS

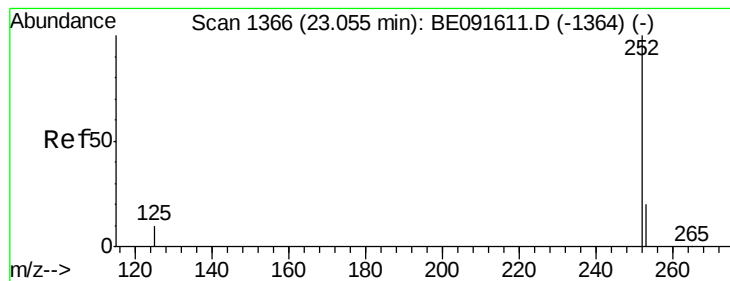
Tgt Ion: 264 Resp: 347339
Ion Ratio Lower Upper
264 100
260 26.5 20.0 30.0
265 20.9 17.5 26.3



#36
Benzo(b)fluoranthene
Concen: 4.02 ng
RT: 23.00 min Scan# 1361
Delta R.T. -0.01 min
Lab File: BE091629.D
Acq: 11 Apr 2016 15:36

Tgt Ion: 252 Resp: 324245
Ion Ratio Lower Upper
252 100
253 20.9 17.4 26.0
125 10.5 10.2 15.2





#37

Benzo(k)fluoranthene

Concen: 4.08 ng

RT: 23.00 min Scan# 1361

Delta R.T. -0.06 min

Lab File: BE091629.D

Acq: 11 Apr 2016 15:36

Instrument :

BNA_E

ClientSampleId :

PB89639BS

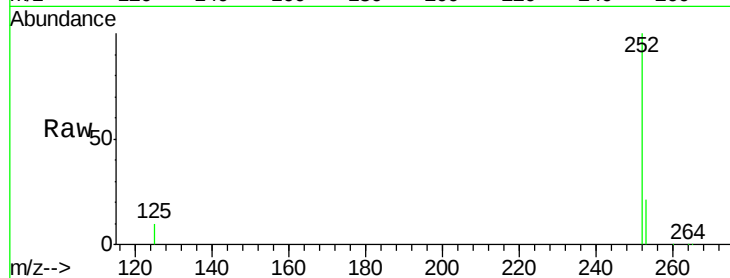
Tgt Ion:252 Resp: 324245

Ion Ratio Lower Upper

252 100

253 20.9 17.6 26.4

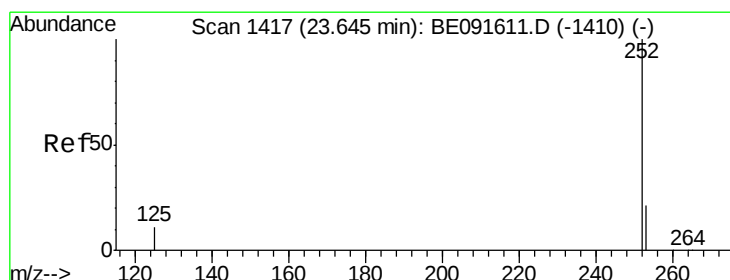
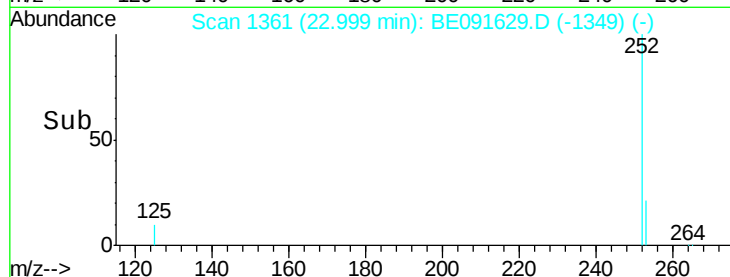
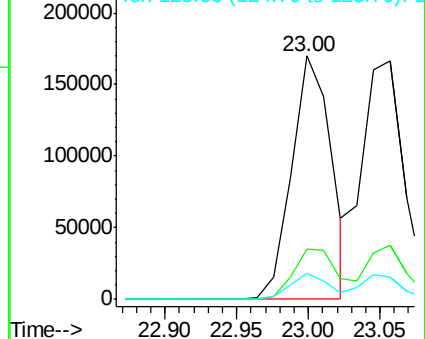
125 10.5 9.9 14.9



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

Benzo(a)pyrene

Concen: 4.16 ng

RT: 23.65 min Scan# 1417

Delta R.T. 0.00 min

Lab File: BE091629.D

Acq: 11 Apr 2016 15:36

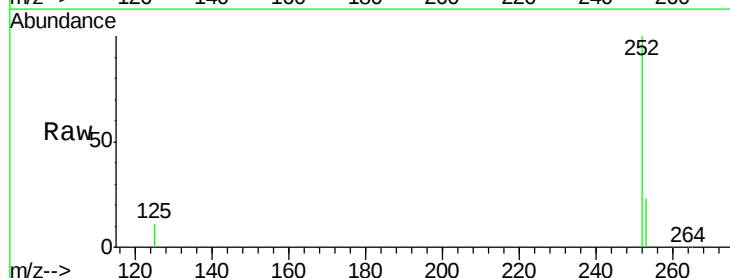
Tgt Ion:252 Resp: 311505

Ion Ratio Lower Upper

252 100

253 22.6 18.1 27.1

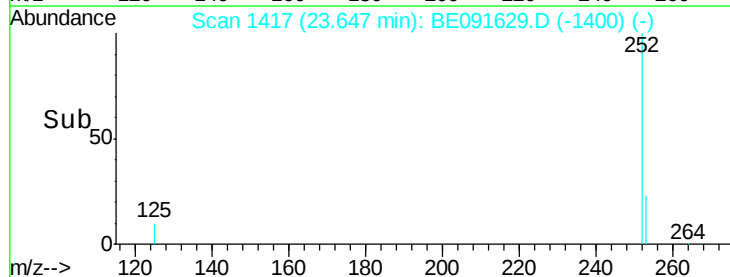
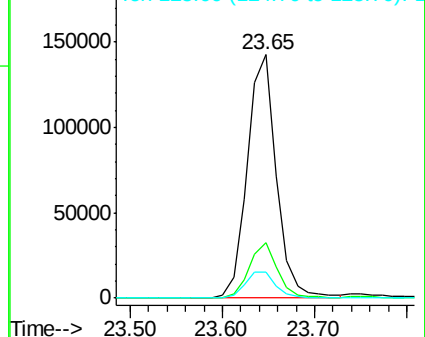
125 10.5 11.0 16.4#

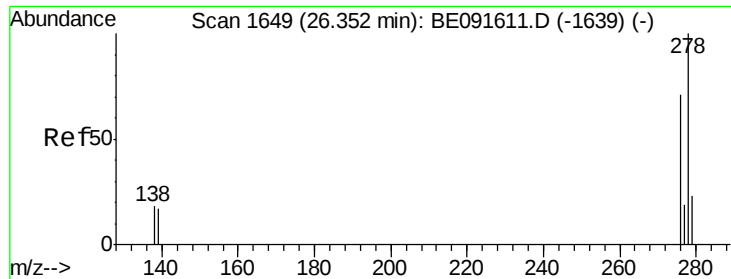


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#39

Dibenzo(a,h)anthracene

Concen: 4.08 ng

RT: 26.34 min Scan# 1648

Delta R.T. -0.01 min

Lab File: BE091629.D

Acq: 11 Apr 2016 15:36

Instrument :

BNA_E

ClientSampleId :

PB89639BS

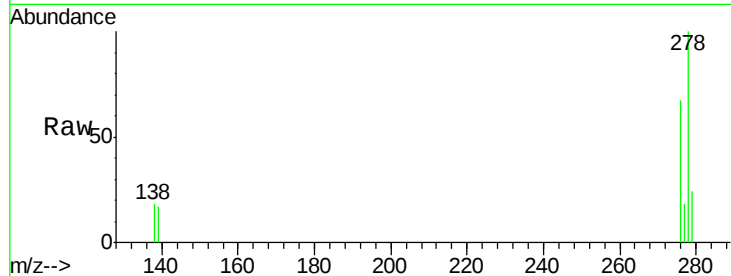
Tgt Ion: 278 Resp: 300977

Ion Ratio Lower Upper

278 100

139 16.6 16.0 24.0

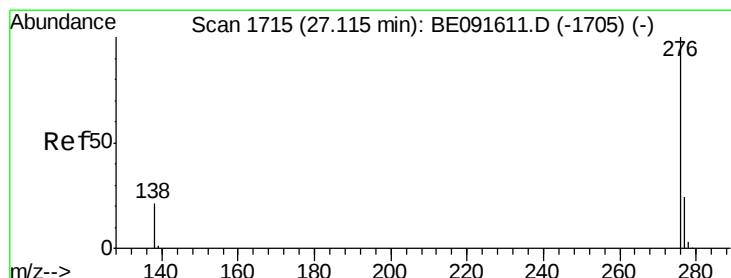
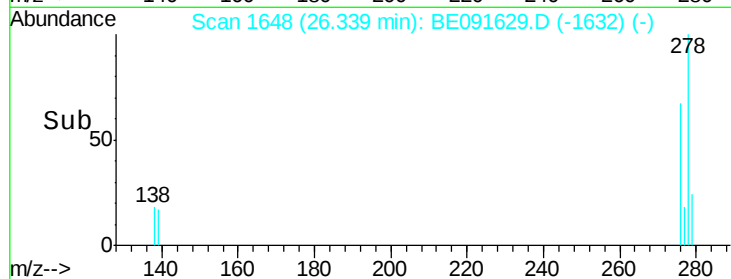
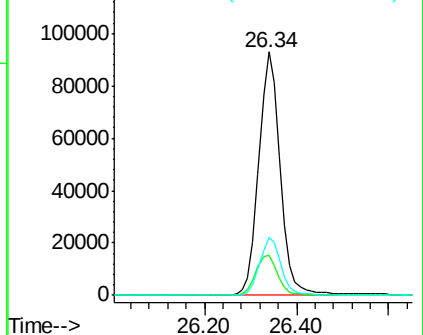
279 23.7 19.4 29.2



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



#40

Benzo(g,h,i)perylene

Concen: 3.96 ng

RT: 27.10 min Scan# 1714

Delta R.T. -0.01 min

Lab File: BE091629.D

Acq: 11 Apr 2016 15:36

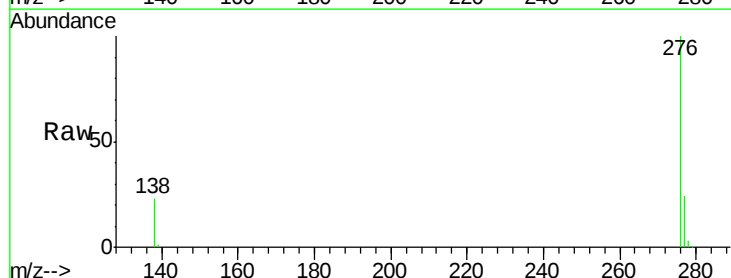
Tgt Ion: 276 Resp: 300943

Ion Ratio Lower Upper

276 100

277 23.7 18.6 28.0

138 23.0 20.4 30.6



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

