

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE050916\
 Data File : BE091754.D
 Acq On : 9 May 2016 12:45
 Operator : UM/SJ
 Sample : PB90335BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB90335BS

Quant Time: May 10 00:56:59 2016
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE042616.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 26 16:09:46 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	39957	5.00	ng	0.00
7) Naphthalene-d8	10.57	136	199230	5.00	ng	0.00
13) Acenaphthene-d10	14.41	164	122320	5.00	ng	-0.01
19) Phenanthrene-d10	17.15	188	284604	5.00	ng	0.00
26) Chrysene-d12	21.31	240	300970	5.00	ng	0.00
35) Perylene-d12	23.75	264	294657	5.00	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.39	112	63733	6.49	ng	0.00
5) Phenol-d6	6.95	99	98474	7.57	ng	0.00
8) Nitrobenzene-d5	8.95	82	43517	3.38	ng	0.00
14) 2,4,6-Tribromophenol	15.90	330	32394	7.13	ng	0.00
15) 2-Fluorobiphenyl	13.03	172	141041	4.08	ng	0.00
29) Terphenyl-d14	19.76	244	223300	4.76	ng	0.00

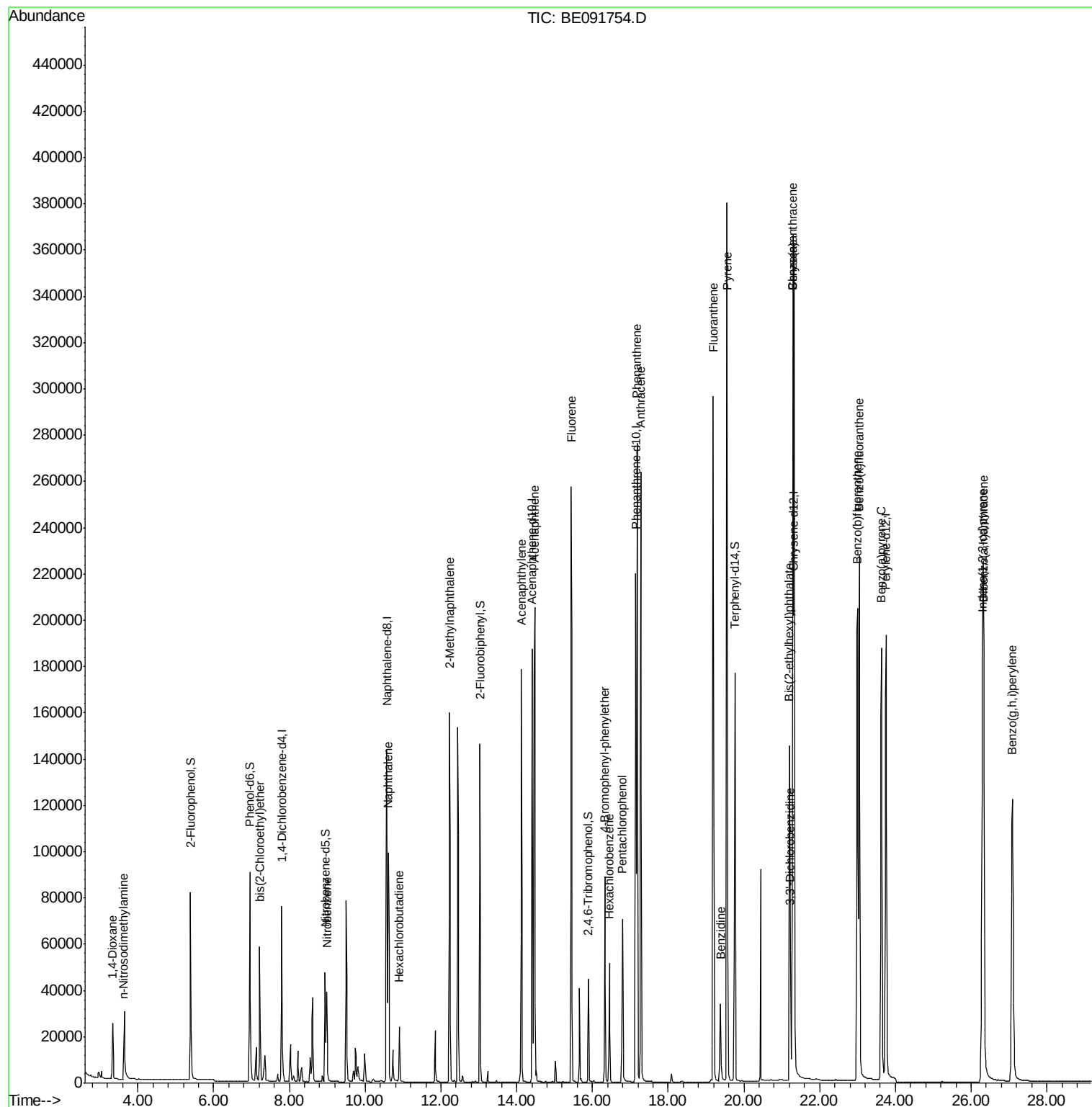
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.33	88	15185	3.23	ng	92
3) n-Nitrosodimethylamine	3.63	42	25259	3.48	ng	# 94
6) bis(2-Chloroethyl)ether	7.21	93	42444	3.71	ng	# 75
9) Nitrobenzene	8.99	77	48061	3.57	ng	95
10) Naphthalene	10.61	128	157205	3.91	ng	97
11) Hexachlorobutadiene	10.90	225	24570	4.14	ng	97
12) 2-Methylnaphthalene	12.23	142	116923	4.52	ng	97
16) Acenaphthylene	14.12	152	219872	4.67	ng	# 86
17) Acenaphthene	14.47	154	131372	4.31	ng	94
18) Fluorene	15.45	166	166990	4.40	ng	99
20) 4-Bromophenyl-phenylether	16.32	248	47998	4.69	ng	93
21) Hexachlorobenzene	16.45	284	48165	4.71	ng	98
22) Pentachlorophenol	16.79	266	46096	8.33	ng	88
23) Phenanthrene	17.18	178	294541	4.55	ng	99
24) Anthracene	17.27	178	284924	4.89	ng	98
25) Fluoranthene	19.19	202	328845	4.86	ng	# 97
27) Benzidine	19.38	184	50237	2.20	ng	# 76
28) Pyrene	19.55	202	369853	5.44	ng	100
30) Benzo(a)anthracene	21.29	228	322243	4.38	ng	92
31) 3,3'-Dichlorobenzidine	21.22	252	40266	1.07	ng	# 85
32) Chrysene	21.29	228	322258	4.22	ng	# 88
33) Bis(2-ethylhexyl)phthalate	21.20	149	180139	8.09	ng	# 87
34) Indeno(1,2,3-cd)pyrene	26.29	276	348343	5.12	ng	95
36) Benzo(b)fluoranthene	23.00	252	346971	5.03	ng	# 96
37) Benzo(k)fluoranthene	23.04	252	303921	4.33	ng	# 96
38) Benzo(a)pyrene	23.63	252	314088	4.83	ng	# 96
39) Dibenzo(a,h)anthracene	26.33	278	289730	4.70	ng	# 94
40) Benzo(g,h,i)perylene	27.09	276	294614	4.71	ng	94

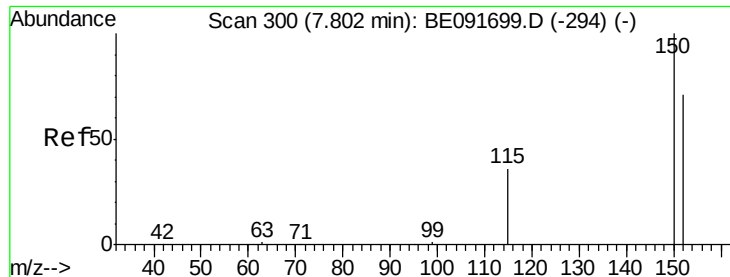
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 7.80 min Scan# 300

Delta R.T. -0.00 min

Lab File: BE091754.D

Acq: 9 May 2016 12:45

Instrument :

BNA_E

ClientSampleId :

PB90335BS

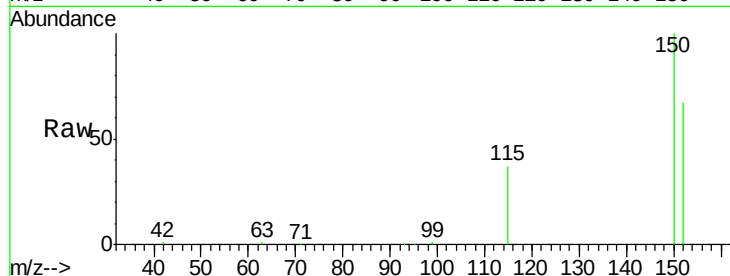
Tgt Ion:152 Resp: 39957

Ion Ratio Lower Upper

152 100

150 148.3 122.6 183.8

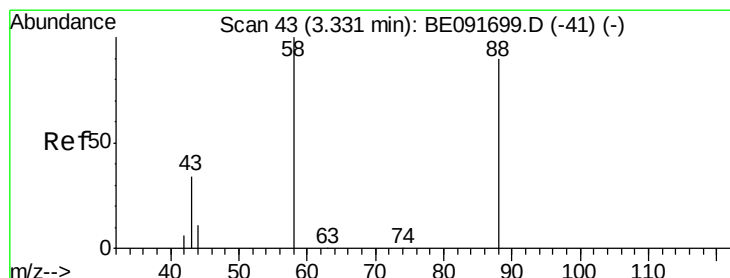
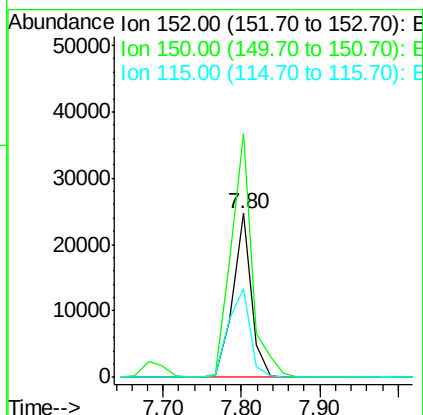
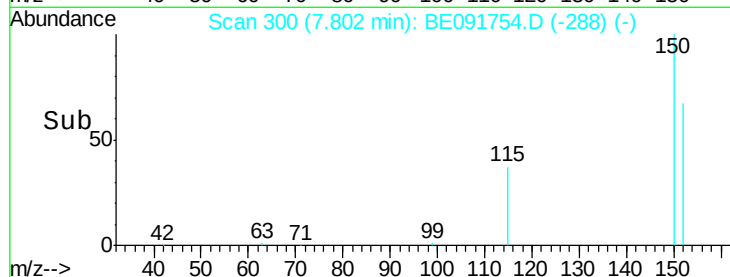
115 54.4 52.8 79.2



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: 3.23 ng

RT: 3.33 min Scan# 43

Delta R.T. 0.00 min

Lab File: BE091754.D

Acq: 9 May 2016 12:45

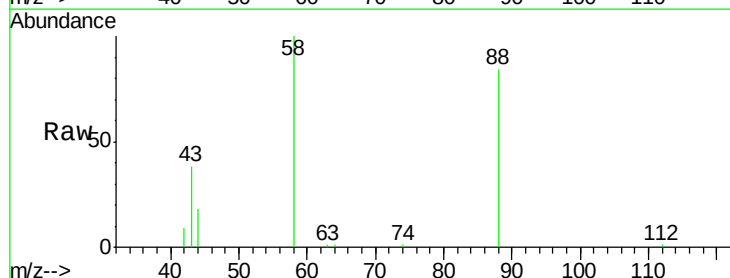
Tgt Ion: 88 Resp: 15185

Ion Ratio Lower Upper

88 100

58 89.1 65.8 98.6

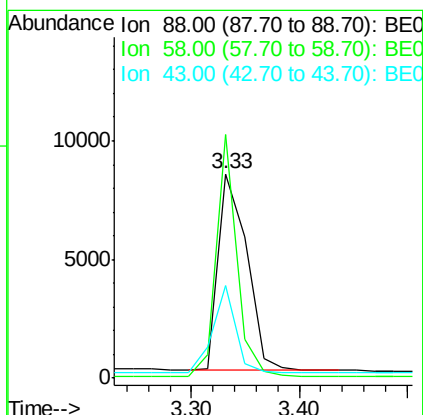
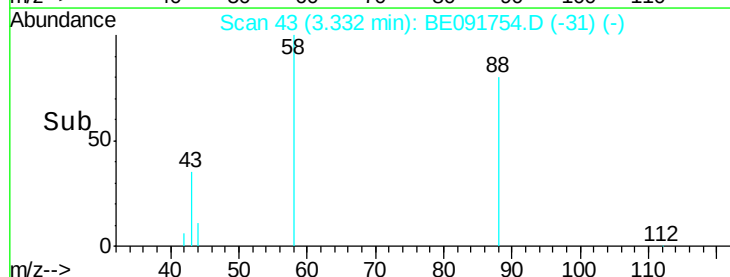
43 36.2 25.3 37.9

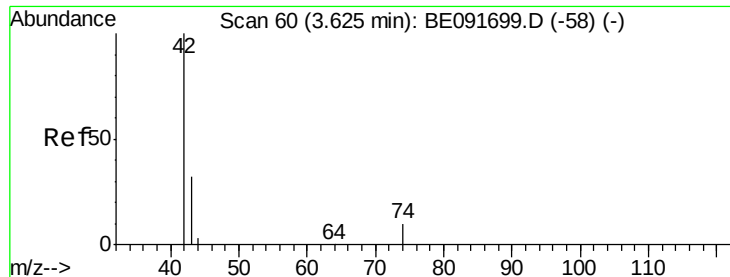


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#3

n-Nitrosodimethylamine

Concen: 3.48 ng

RT: 3.63 min Scan# 60

Delta R.T. 0.00 min

Lab File: BE091754.D

Acq: 9 May 2016 12:45

Instrument :

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ClientSampleId :

PB90335BS

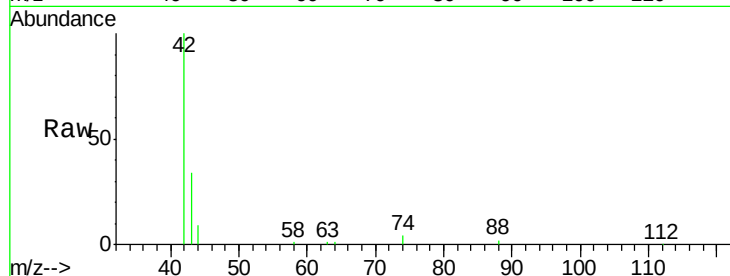
Tgt Ion: 42 Resp: 25259

Ion Ratio Lower Upper

42 100

74 103.1 87.9 131.9

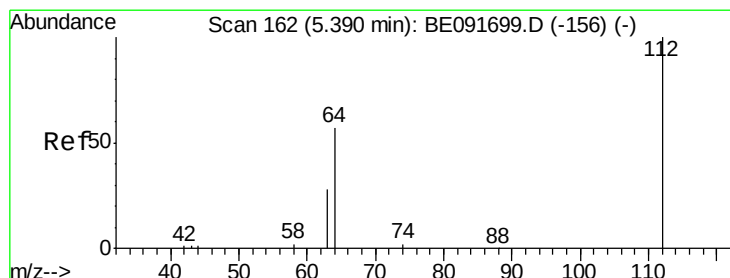
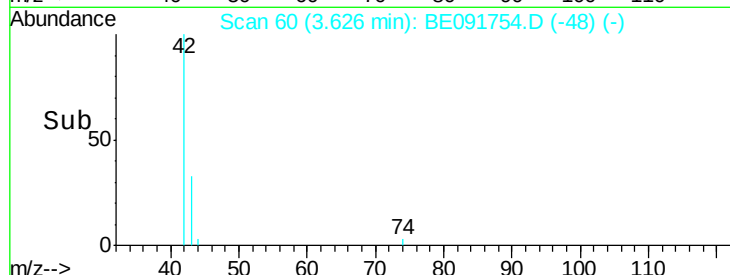
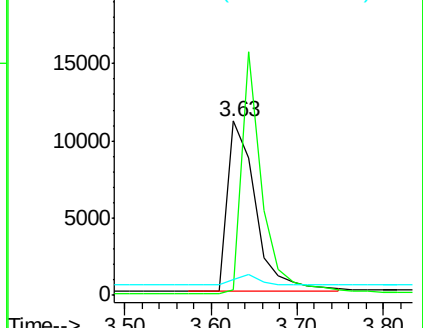
44 5.8 6.6 9.8#



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: 6.49 ng

RT: 5.39 min Scan# 162

Delta R.T. 0.00 min

Lab File: BE091754.D

Acq: 9 May 2016 12:45

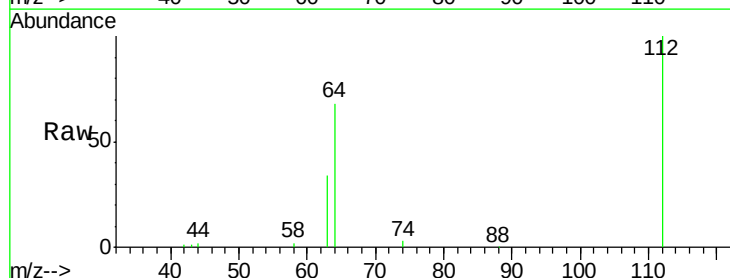
Tgt Ion: 112 Resp: 63733

Ion Ratio Lower Upper

112 100

64 67.4 30.9 46.3#

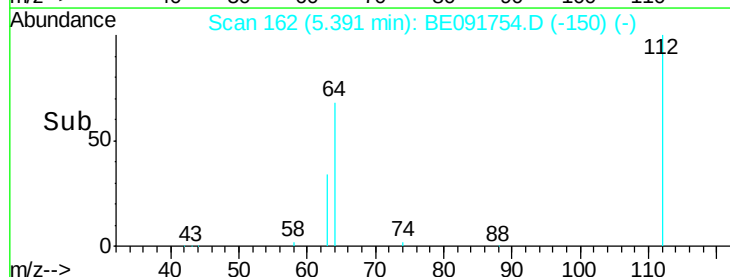
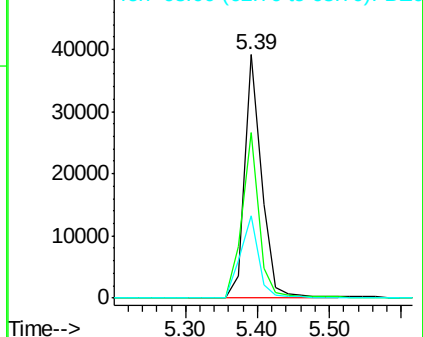
63 36.0 16.7 25.1#

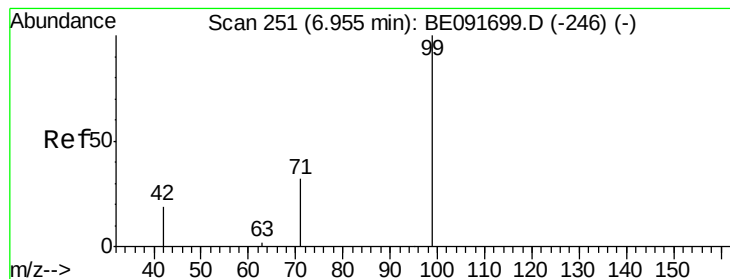


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 7.57 ng

RT: 6.95 min Scan# 251

Delta R.T. -0.00 min

Lab File: BE091754.D

Acq: 9 May 2016 12:45

Instrument :

BNA_E

ClientSampleId :

PB90335BS

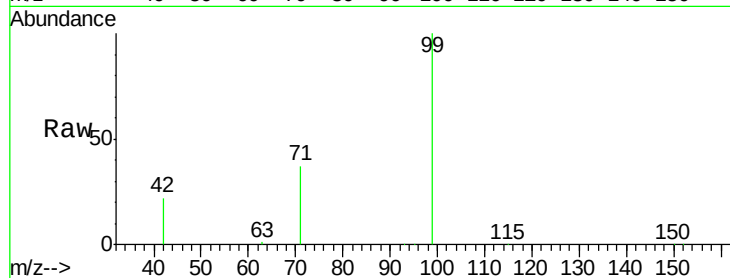
Tgt Ion: 99 Resp: 98474

Ion Ratio Lower Upper

99 100

42 25.0 16.2 24.2#

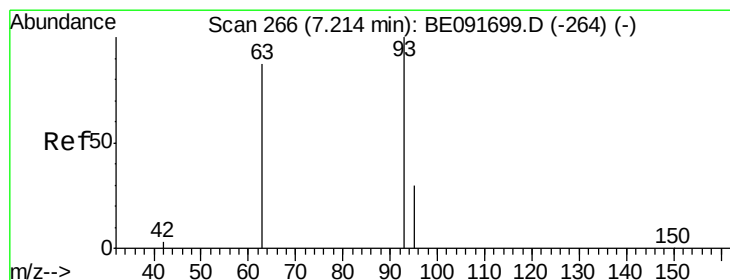
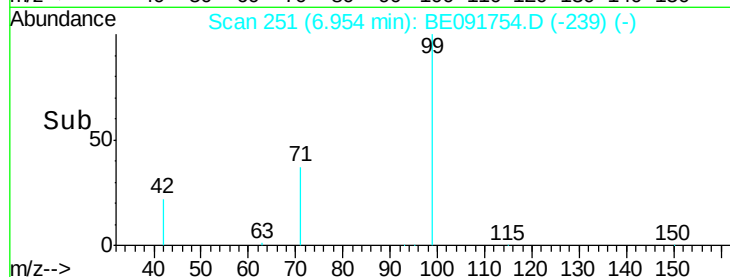
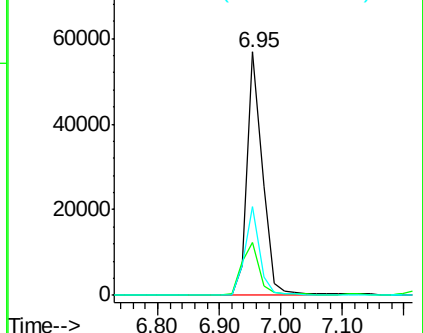
71 35.5 29.0 43.4



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: 3.71 ng

RT: 7.21 min Scan# 266

Delta R.T. -0.00 min

Lab File: BE091754.D

Acq: 9 May 2016 12:45

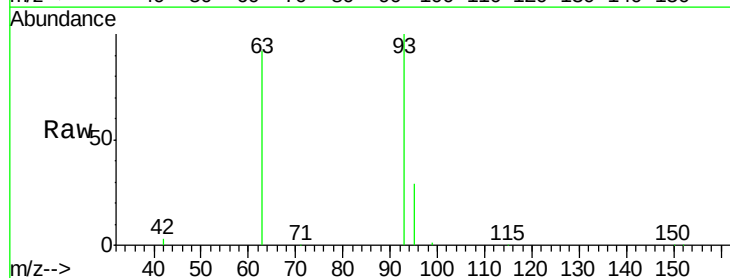
Tgt Ion: 93 Resp: 42444

Ion Ratio Lower Upper

93 100

63 86.2 49.5 74.3#

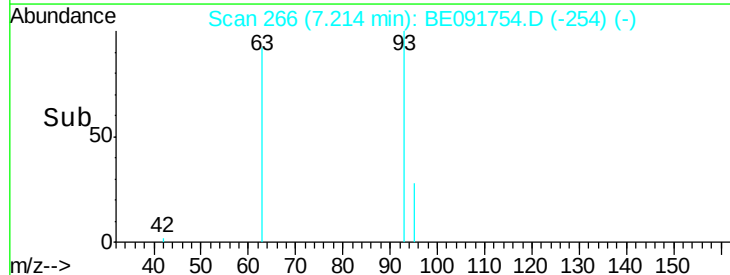
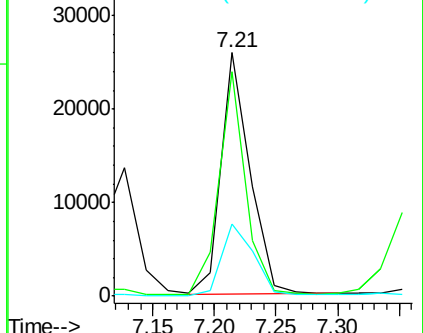
95 32.6 22.2 33.4

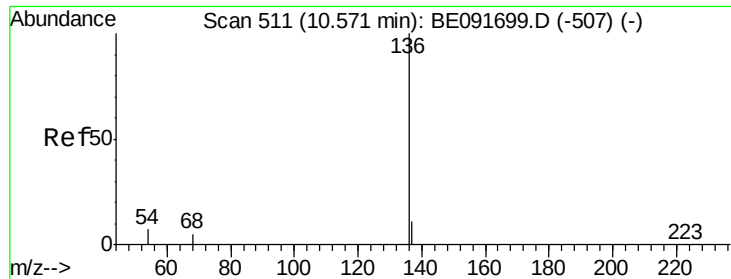


Abundance Ion 93.00 (92.70 to 93.70): BE0

Ion 63.00 (62.70 to 63.70): BE0

Ion 95.00 (94.70 to 95.70): BE0





#7

Naphthalene-d8

Concen: 5.00 ng

RT: 10.57 min Scan# 511

Delta R.T. 0.00 min

Lab File: BE091754.D

Acq: 9 May 2016 12:45

Instrument :

BNA_E

ClientSampleId :

PB90335BS

Tgt Ion:136 Resp: 199230

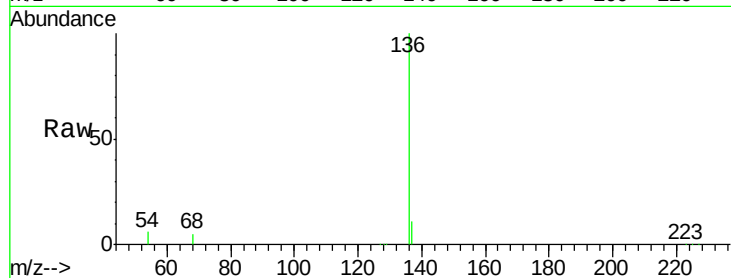
Ion Ratio Lower Upper

136 100

137 11.3 8.9 13.3

54 6.2 8.2 12.4#

68 4.8 6.2 9.4#

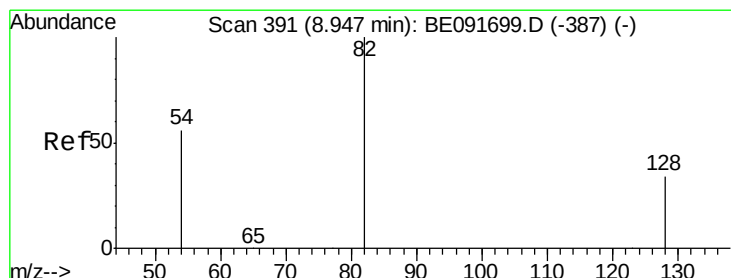
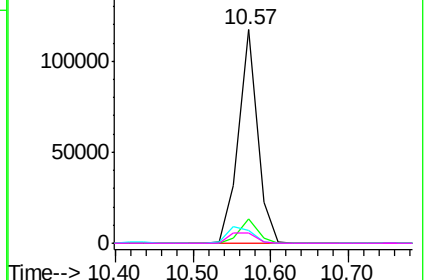
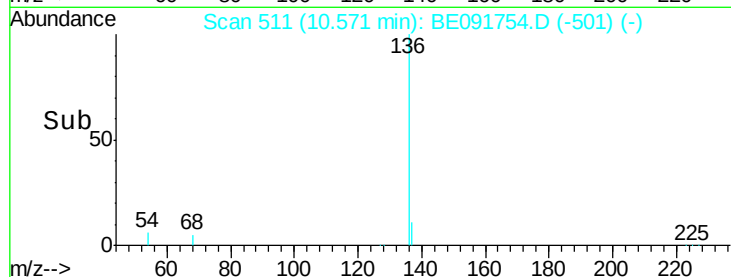


Abundance Ion 136.00 (135.70 to 136.70): E

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: 3.38 ng

RT: 8.95 min Scan# 391

Delta R.T. -0.00 min

Lab File: BE091754.D

Acq: 9 May 2016 12:45

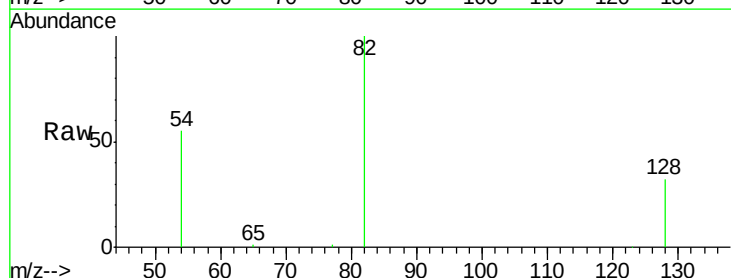
Tgt Ion: 82 Resp: 43517

Ion Ratio Lower Upper

82 100

128 31.6 25.4 38.0

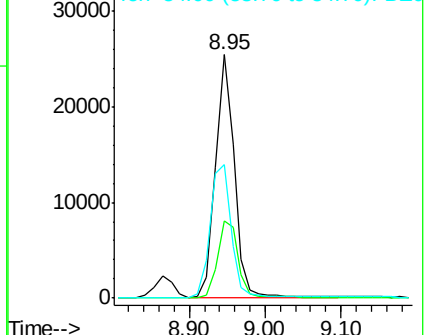
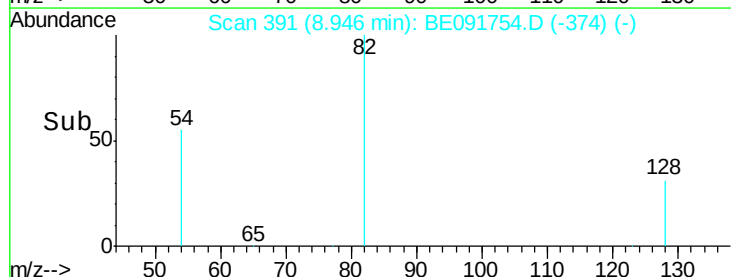
54 55.1 48.4 72.6

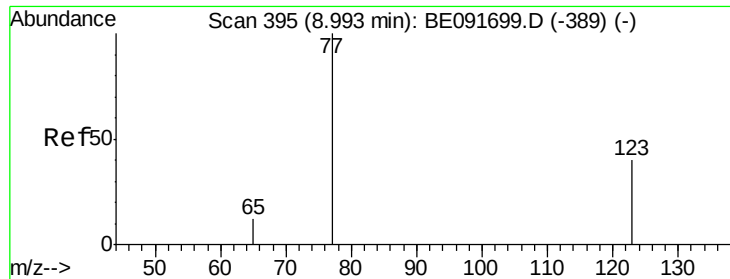


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Nitrobenzene

Concen: 3.57 ng

RT: 8.99 min Scan# 395

Delta R.T. -0.00 min

Lab File: BE091754.D

Acq: 9 May 2016 12:45

Instrument :

BNA_E

ClientSampleId :

PB90335BS

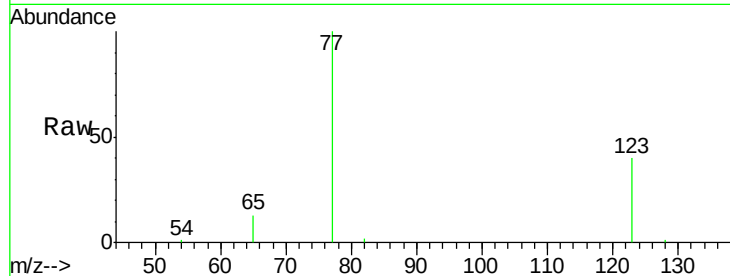
Tgt Ion: 77 Resp: 48061

Ion Ratio Lower Upper

77 100

123 36.3 26.9 40.3

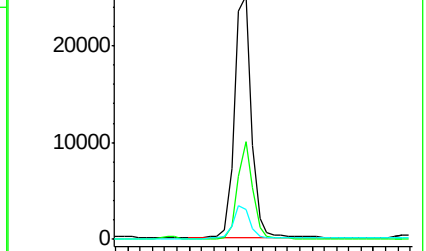
65 14.0 9.4 14.2



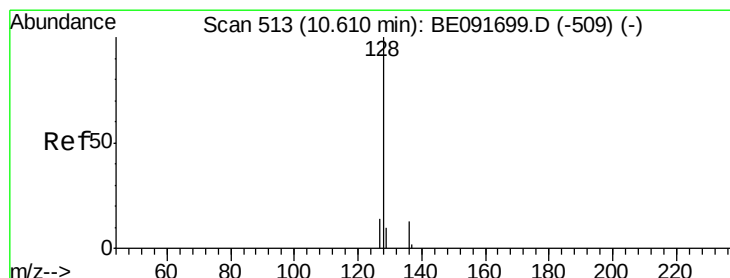
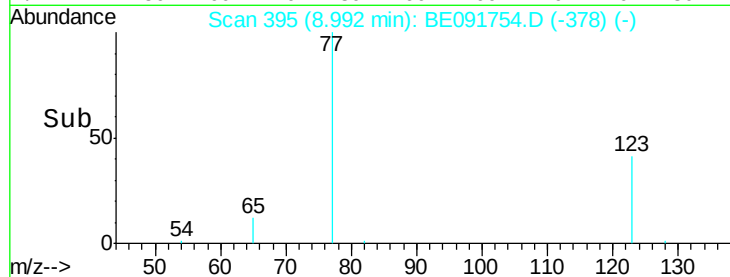
Abundance Ion 77.00 (76.70 to 77.70): BE091699.D (-389) (-)

Ion 123.00 (122.70 to 123.70): BE091699.D (-389) (-)

Ion 65.00 (64.70 to 65.70): BE091699.D (-389) (-)



Time--> 8.80 8.90 9.00 9.10 9.20



#10

Naphthalene

Concen: 3.91 ng

RT: 10.61 min Scan# 513

Delta R.T. 0.00 min

Lab File: BE091754.D

Acq: 9 May 2016 12:45

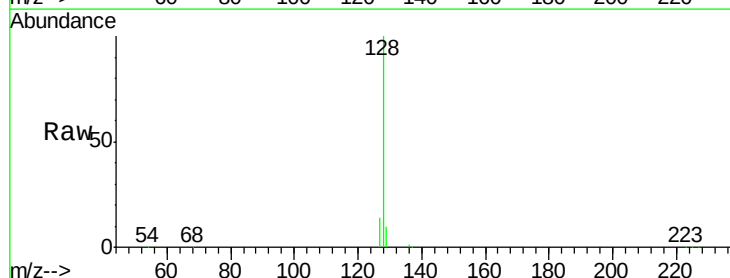
Tgt Ion: 128 Resp: 157205

Ion Ratio Lower Upper

128 100

129 10.3 9.3 13.9

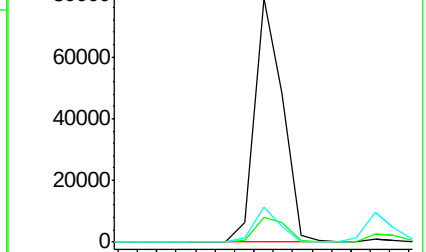
127 14.3 10.7 16.1



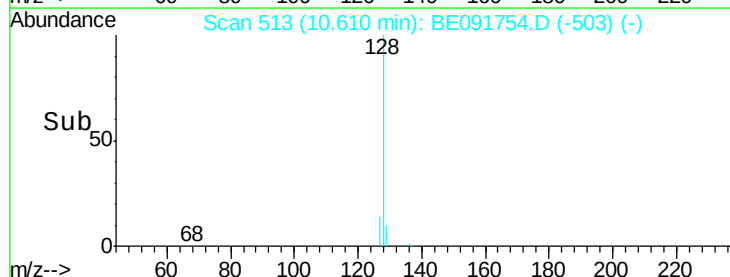
Abundance Ion 128.00 (127.70 to 128.70): BE091699.D (-509) (-)

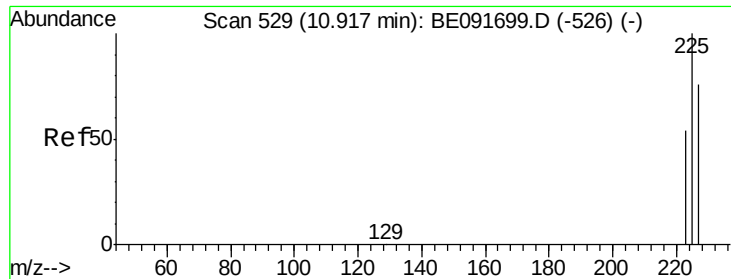
Ion 129.00 (128.70 to 129.70): BE091699.D (-509) (-)

Ion 127.00 (126.70 to 127.70): BE091699.D (-509) (-)



Time--> 10.50 10.60 10.70

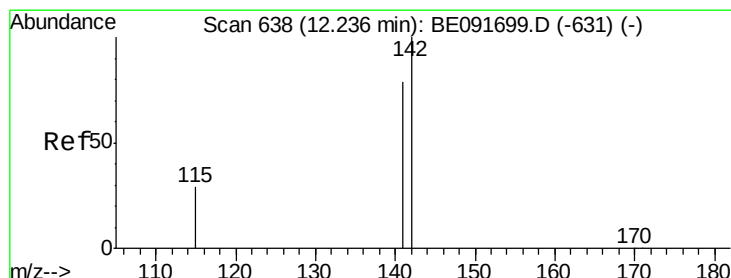
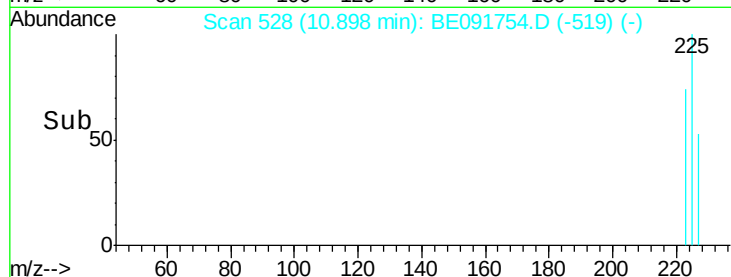
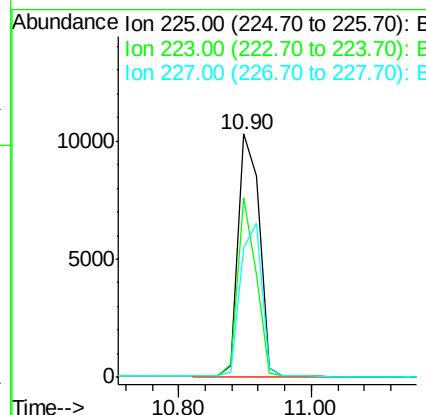
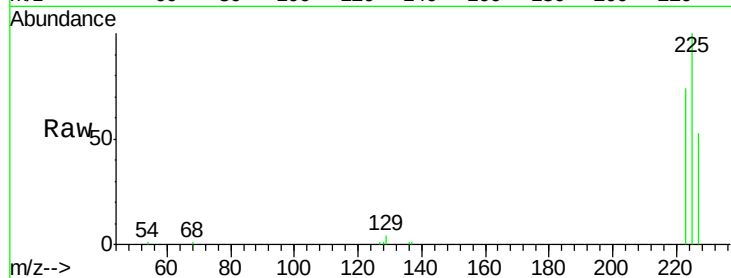




#11
Hexachlorobutadiene
Concen: 4.14 ng
RT: 10.90 min Scan# 528
Delta R.T. -0.02 min
Lab File: BE091754.D
Acq: 9 May 2016 12:45

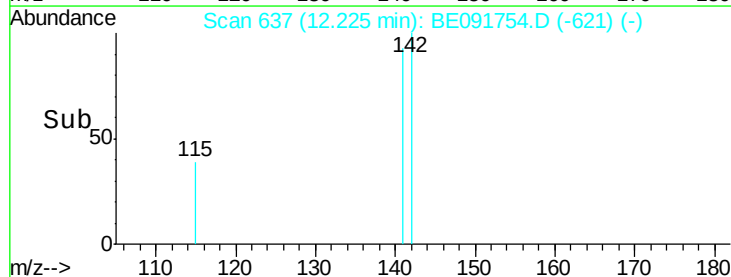
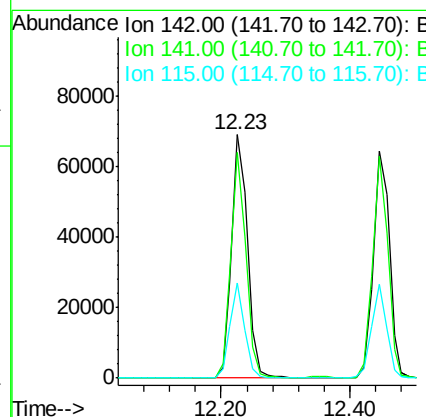
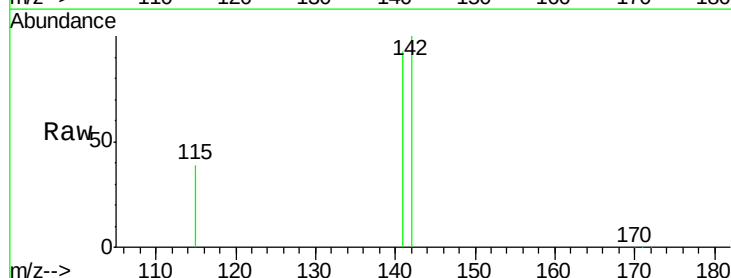
Instrument :
BNA_E
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PB90335BS

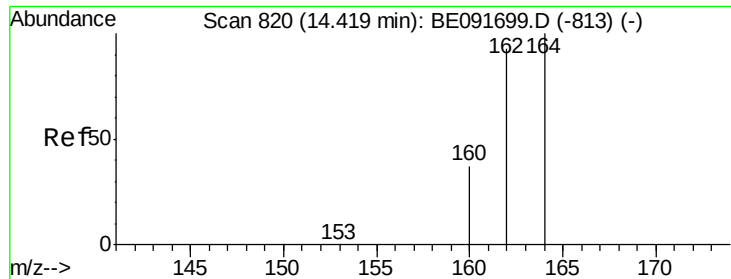
Tgt Ion: 225 Resp: 24570
Ion Ratio Lower Upper
225 100
223 64.8 49.0 73.6
227 64.7 50.3 75.5



#12
2-Methylnaphthalene
Concen: 4.52 ng
RT: 12.23 min Scan# 637
Delta R.T. -0.01 min
Lab File: BE091754.D
Acq: 9 May 2016 12:45

Tgt Ion: 142 Resp: 116923
Ion Ratio Lower Upper
142 100
141 92.6 71.4 107.0
115 39.2 30.3 45.5





#13

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.41 min Scan# 819

Delta R.T. -0.01 min

Lab File: BE091754.D

Acq: 9 May 2016 12:45

Instrument :

BNA_E

ClientSampleId :

PB90335BS

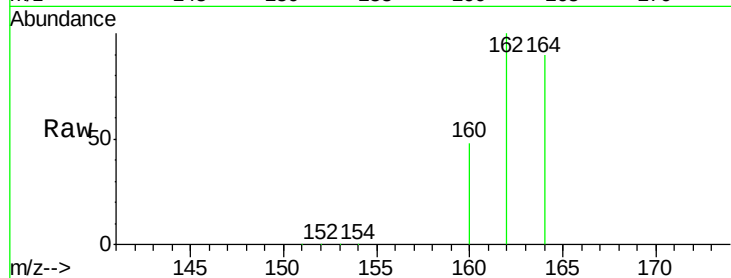
Tgt Ion:164 Resp: 122320

Ion Ratio Lower Upper

164 100

162 111.5 85.3 127.9

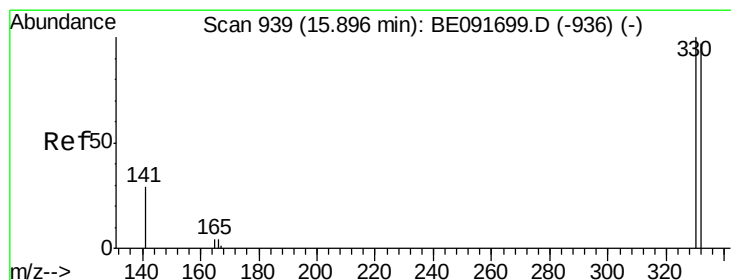
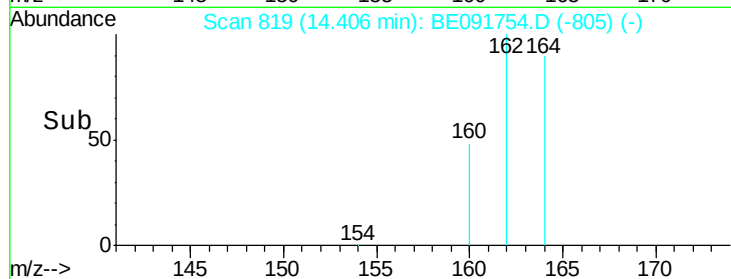
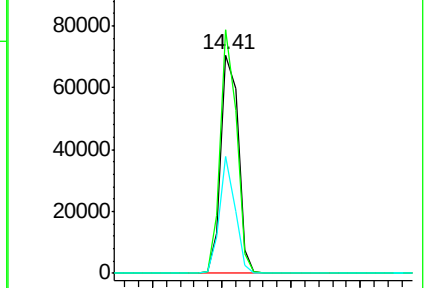
160 53.5 46.2 69.2



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: 7.13 ng

RT: 15.90 min Scan# 939

Delta R.T. 0.00 min

Lab File: BE091754.D

Acq: 9 May 2016 12:45

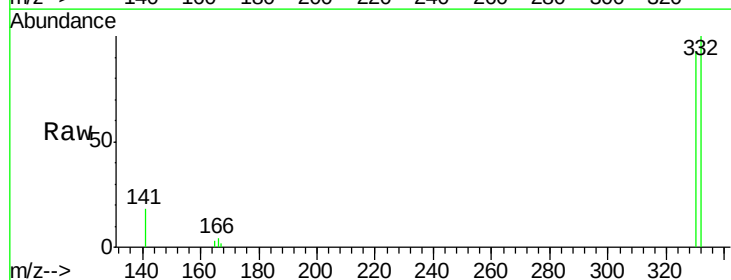
Tgt Ion:330 Resp: 32394

Ion Ratio Lower Upper

330 100

332 95.8 79.1 118.7

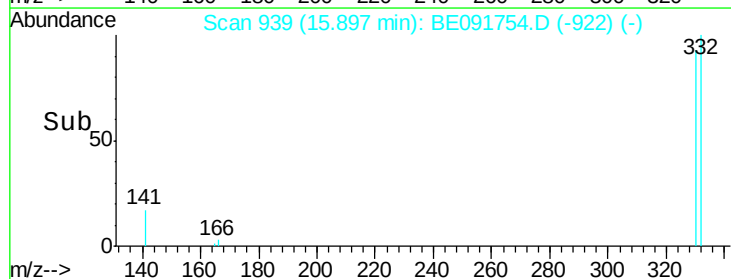
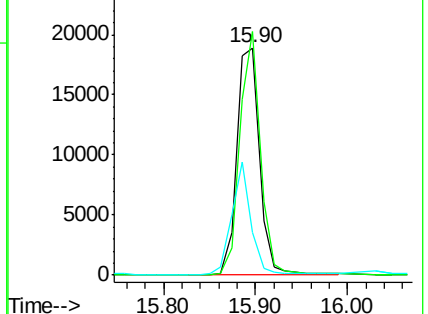
141 41.5 125.4 188.0#

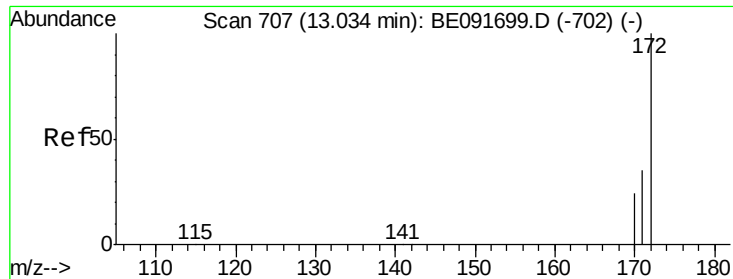


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

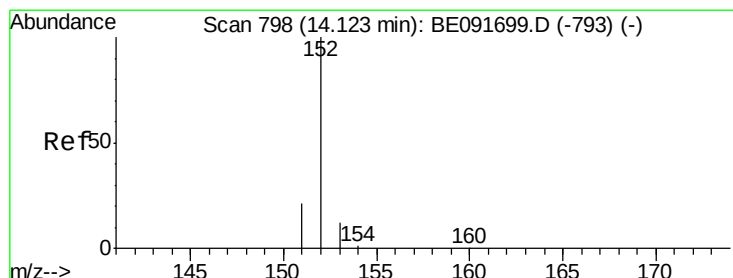
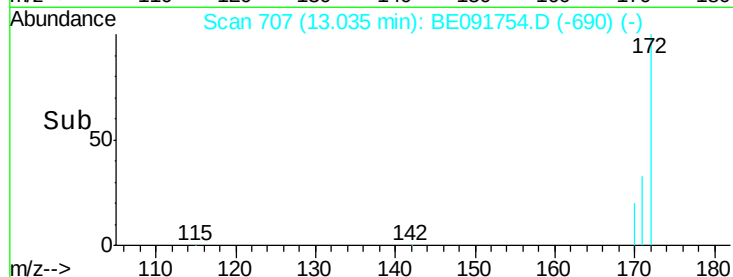
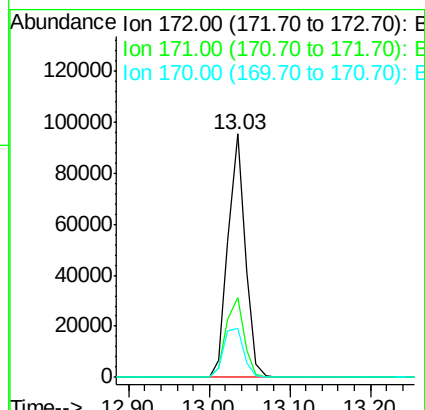
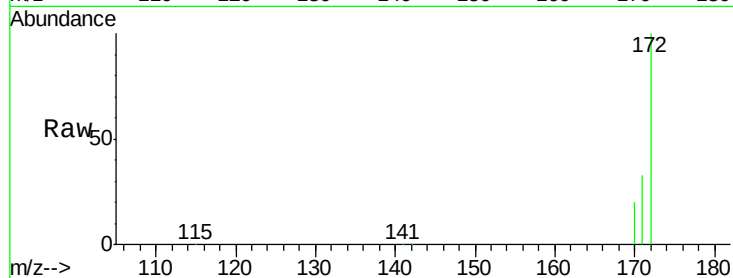




#15
2-Fluorobiphenyl
Concen: 4.08 ng
RT: 13.03 min Scan# 707
Delta R.T. 0.00 min
Lab File: BE091754.D
Acq: 9 May 2016 12:45

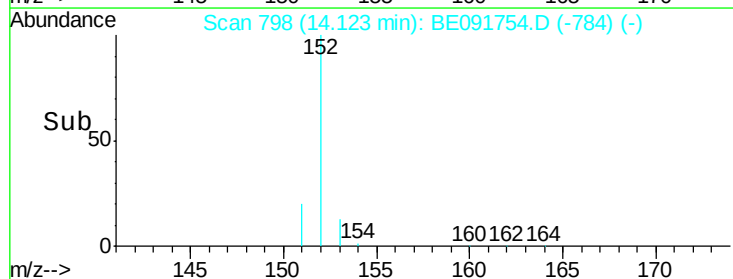
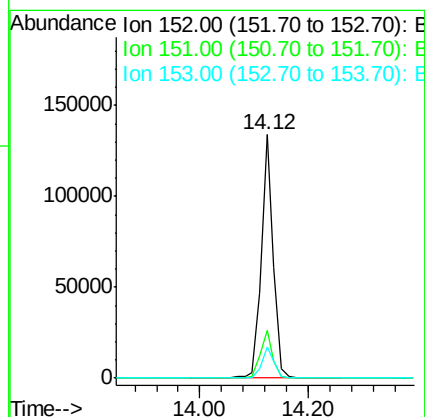
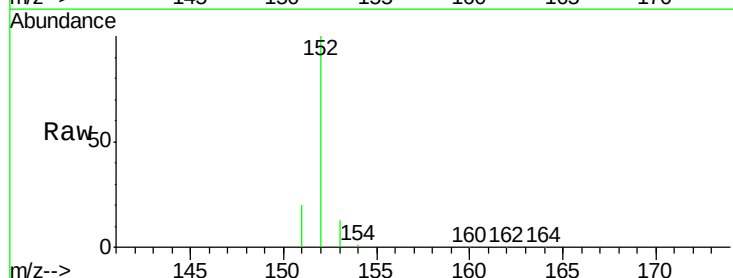
Instrument :
BNA_E
ClientSampleId :
PB90335BS

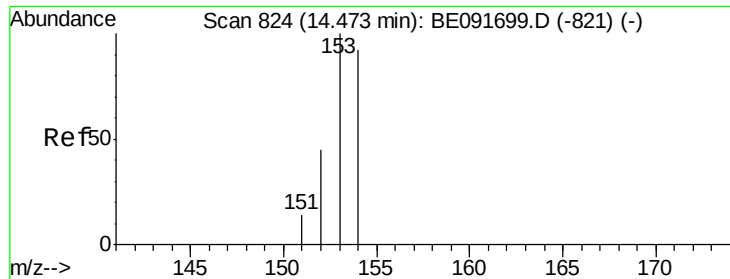
Tgt Ion:172 Resp: 141041
Ion Ratio Lower Upper
172 100
171 32.9 28.8 43.2
170 20.3 19.3 28.9



#16
Acenaphthylene
Concen: 4.67 ng
RT: 14.12 min Scan# 798
Delta R.T. 0.00 min
Lab File: BE091754.D
Acq: 9 May 2016 12:45

Tgt Ion:152 Resp: 219872
Ion Ratio Lower Upper
152 100
151 20.0 3.9 5.9#
153 13.5 10.3 15.5

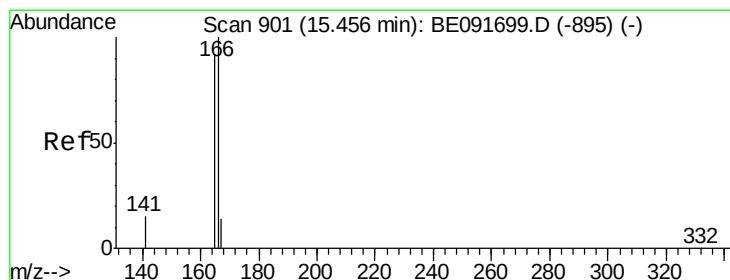
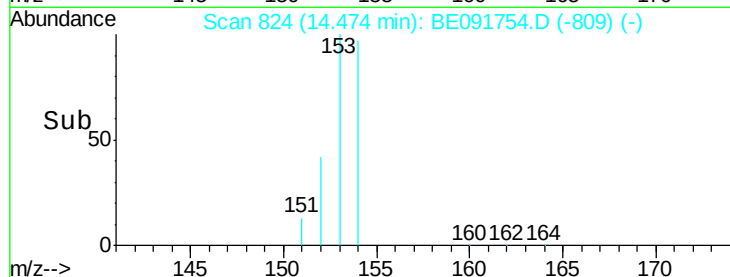
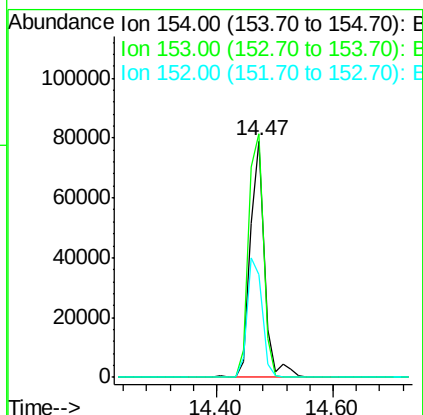
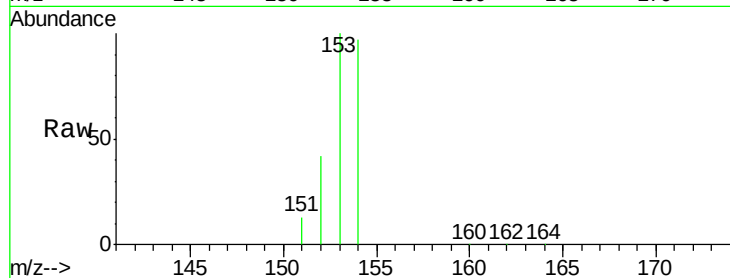




#17
Acenaphthene
Concen: 4.31 ng
RT: 14.47 min Scan# 824
Delta R.T. 0.00 min
Lab File: BE091754.D
Acq: 9 May 2016 12:45

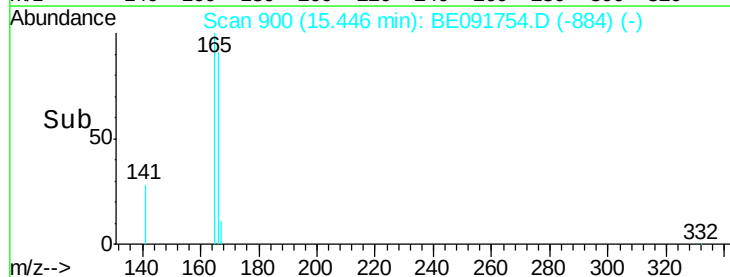
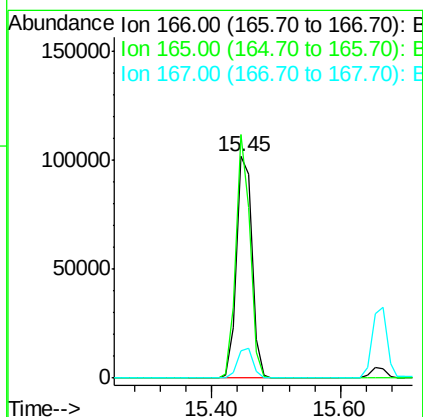
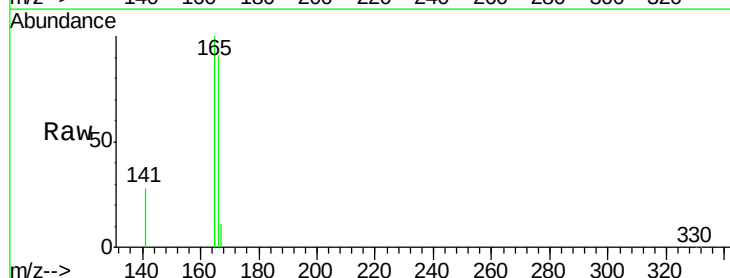
Instrument :
BNA_E
ClientSampleId :
PB90335BS

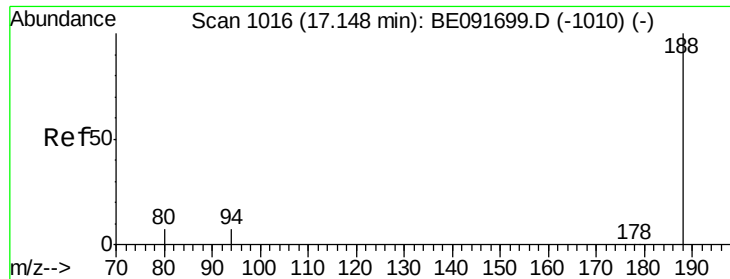
Tgt Ion:154 Resp: 131372
Ion Ratio Lower Upper
154 100
153 107.4 80.0 120.0
152 53.0 40.0 60.0



#18
Fluorene
Concen: 4.40 ng
RT: 15.45 min Scan# 900
Delta R.T. -0.01 min
Lab File: BE091754.D
Acq: 9 May 2016 12:45

Tgt Ion:166 Resp: 166990
Ion Ratio Lower Upper
166 100
165 99.5 80.8 121.2
167 13.6 10.9 16.3

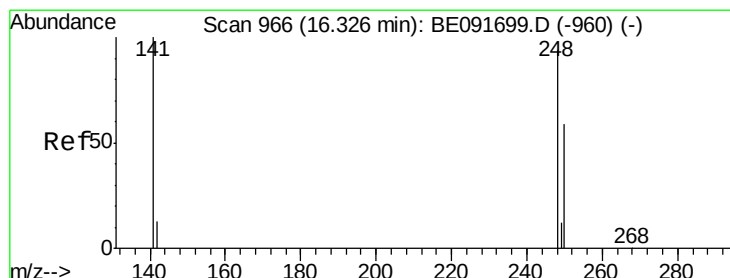
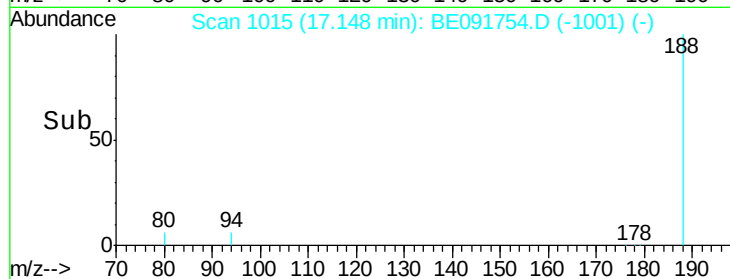
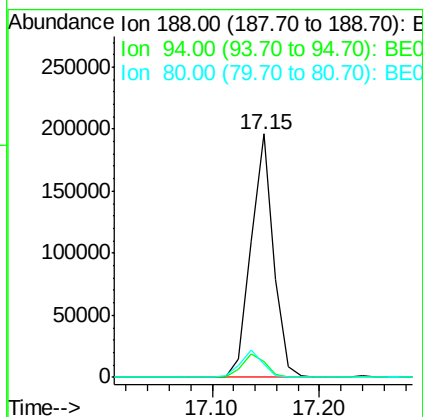
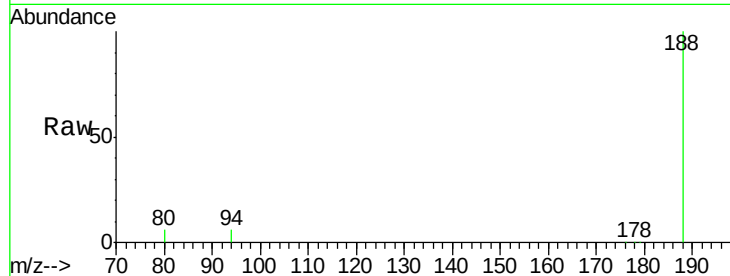




#19
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.15 min Scan# 1015
Delta R.T. -0.00 min
Lab File: BE091754.D
Acq: 9 May 2016 12:45

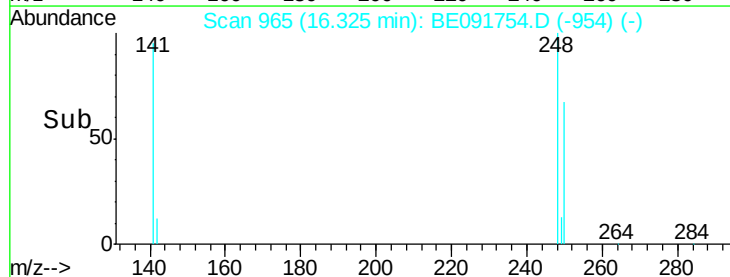
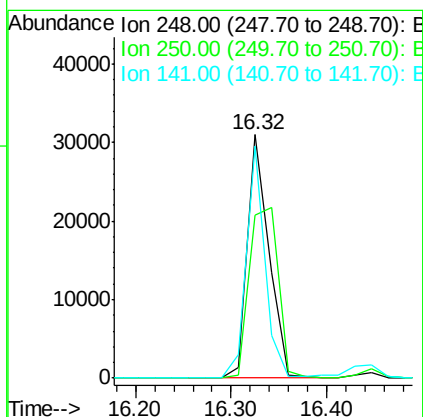
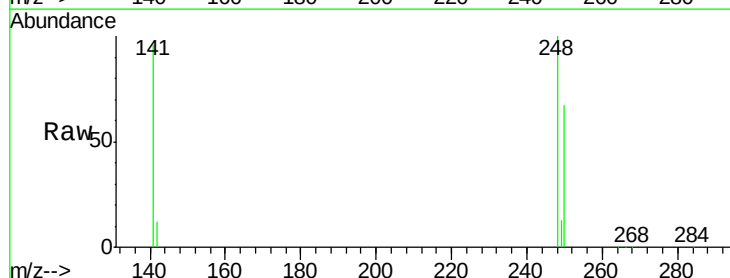
Instrument :
BNA_E
ClientSampleId :
PB90335BS

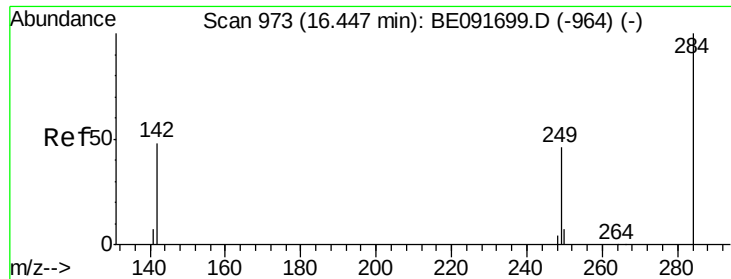
Tgt Ion:188 Resp: 284604
Ion Ratio Lower Upper
188 100
94 6.3 8.7 13.1#
80 5.7 9.4 14.0#



#20
4-Bromophenyl-phenylether
Concen: 4.69 ng
RT: 16.32 min Scan# 965
Delta R.T. -0.00 min
Lab File: BE091754.D
Acq: 9 May 2016 12:45

Tgt Ion:248 Resp: 47998
Ion Ratio Lower Upper
248 100
250 94.7 80.5 120.7
141 82.2 72.0 108.0

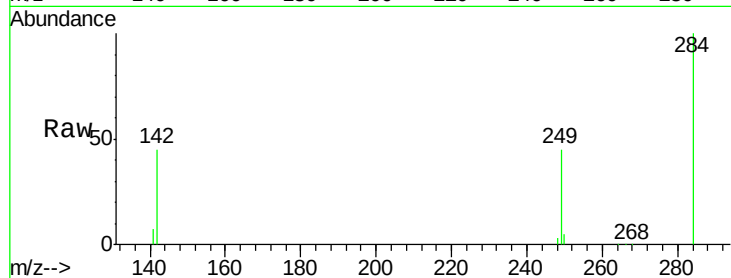




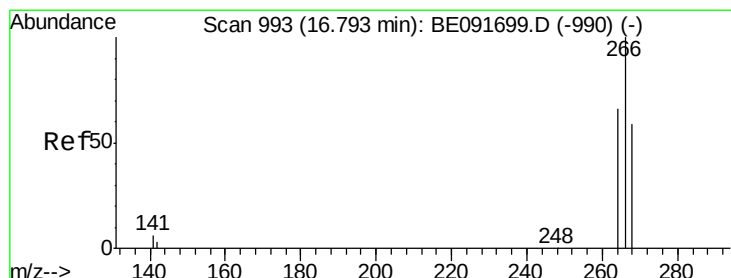
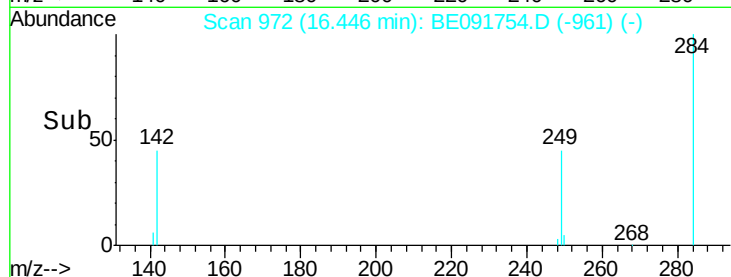
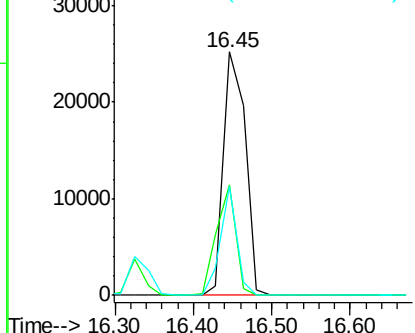
#21
Hexachlorobenzene
Concen: 4.71 ng
RT: 16.45 min Scan# 972
Delta R.T. -0.00 min
Lab File: BE091754.D
Acq: 9 May 2016 12:45

Instrument :
BNA_E
ClientSampleId :
PB90335BS

Tgt Ion:284 Resp: 48165
Ion Ratio Lower Upper
284 100
142 39.3 32.2 48.2
249 33.1 25.4 38.2

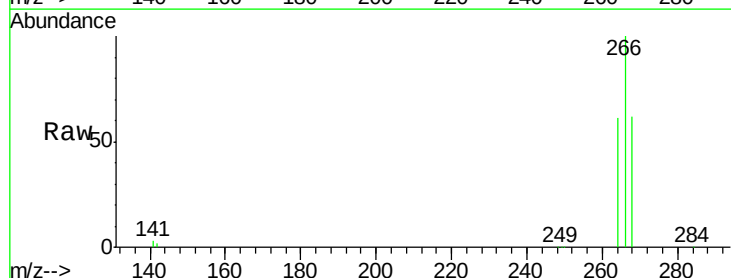


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

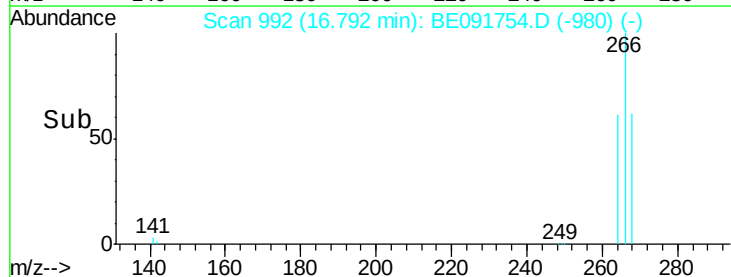
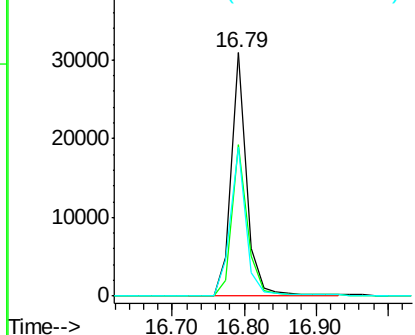


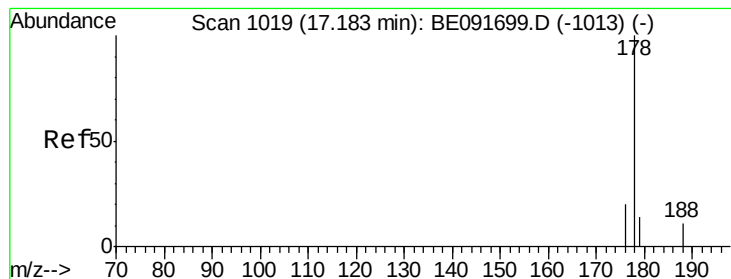
#22
Pentachlorophenol
Concen: 8.33 ng
RT: 16.79 min Scan# 992
Delta R.T. -0.00 min
Lab File: BE091754.D
Acq: 9 May 2016 12:45

Tgt Ion:266 Resp: 46096
Ion Ratio Lower Upper
266 100
268 62.3 58.2 87.2
264 61.4 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: 4.55 ng

RT: 17.18 min Scan# 1018

Delta R.T. -0.00 min

Lab File: BE091754.D

Acq: 9 May 2016 12:45

Instrument :

BNA_E

ClientSampleId :

PB90335BS

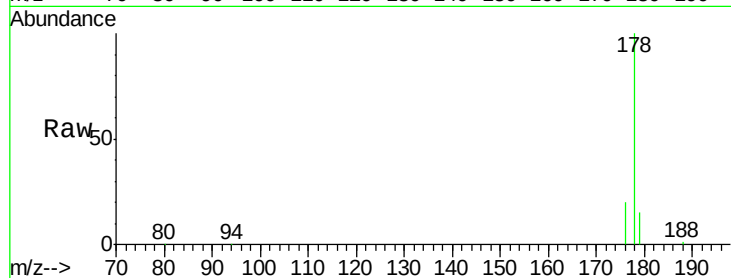
Tgt Ion:178 Resp: 294541

Ion Ratio Lower Upper

178 100

176 19.5 15.3 22.9

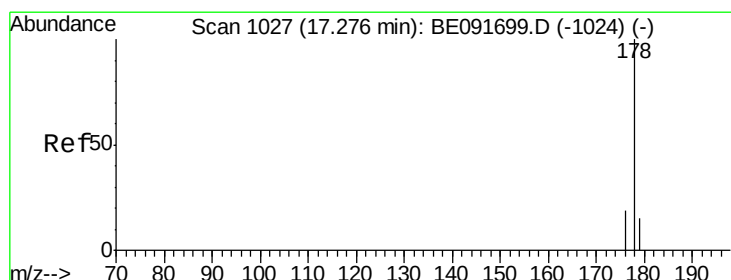
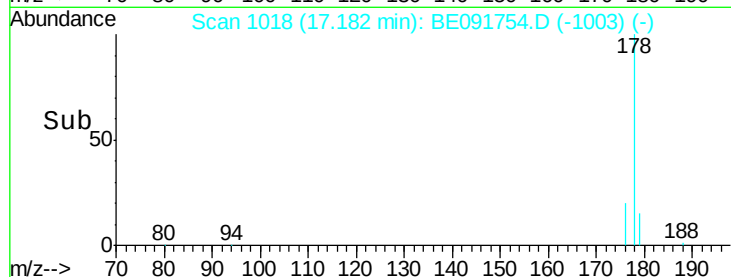
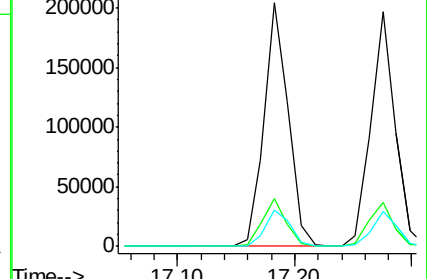
179 15.5 12.6 18.8



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: 4.89 ng

RT: 17.27 min Scan# 1026

Delta R.T. -0.00 min

Lab File: BE091754.D

Acq: 9 May 2016 12:45

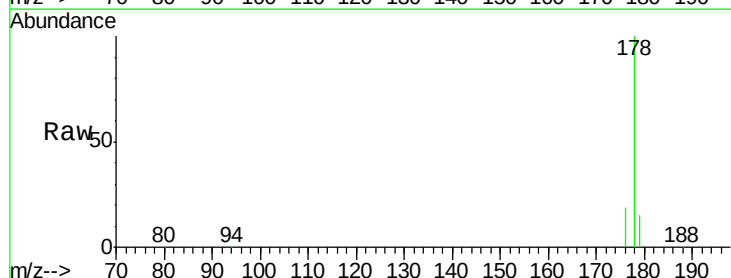
Tgt Ion:178 Resp: 284924

Ion Ratio Lower Upper

178 100

176 18.9 14.6 21.8

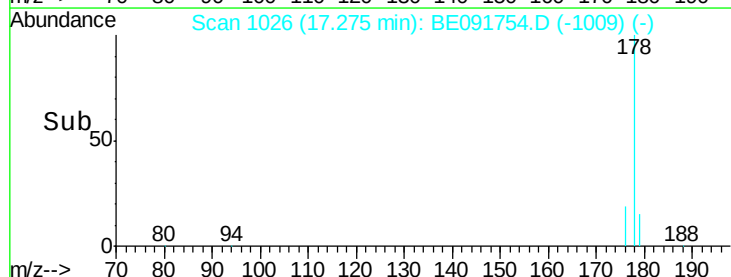
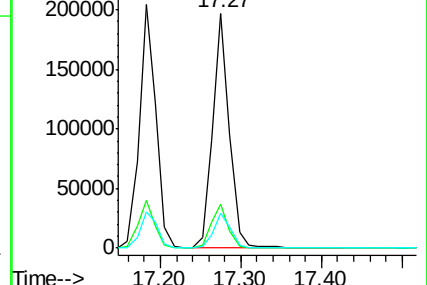
179 15.3 11.8 17.6

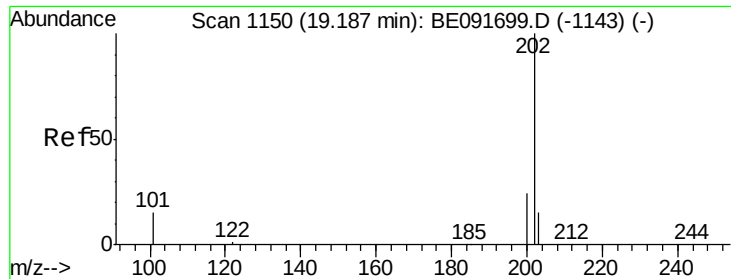


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene

Concen: 4.86 ng

RT: 19.19 min Scan# 1149

Delta R.T. -0.00 min

Lab File: BE091754.D

Acq: 9 May 2016 12:45

Instrument :

BNA_E

ClientSampleId :

PB90335BS

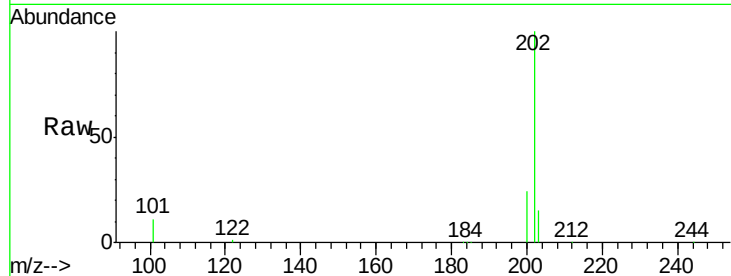
Tgt Ion:202 Resp: 328845

Ion Ratio Lower Upper

202 100

101 11.0 11.0 16.6#

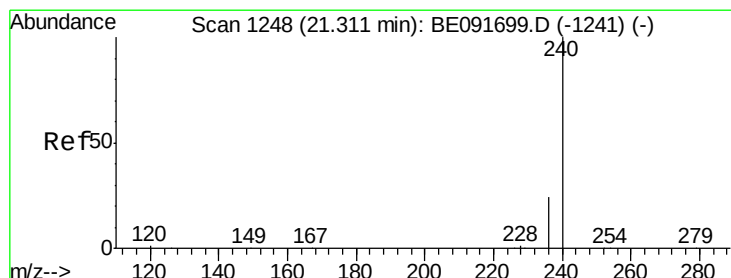
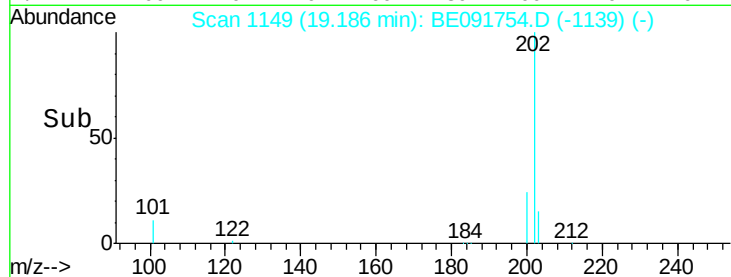
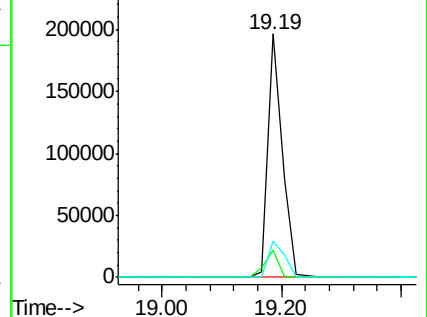
203 17.2 13.9 20.9



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# 1247

Delta R.T. 0.00 min

Lab File: BE091754.D

Acq: 9 May 2016 12:45

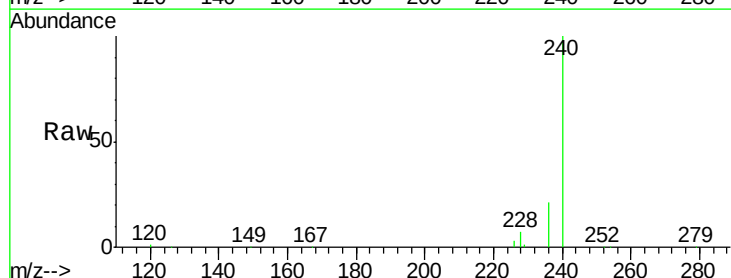
Tgt Ion:240 Resp: 300970

Ion Ratio Lower Upper

240 100

120 0.8 11.0 16.4#

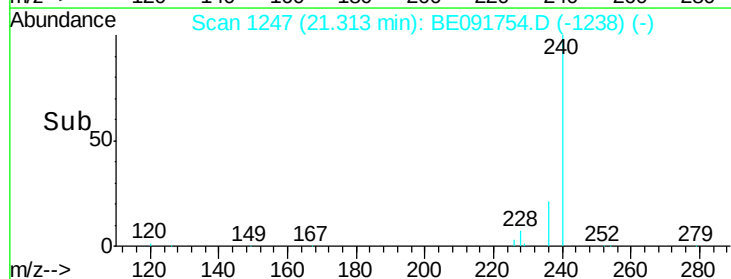
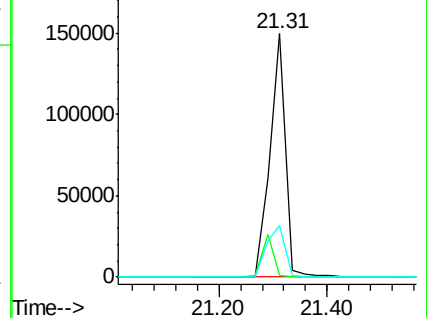
236 21.3 21.7 32.5#

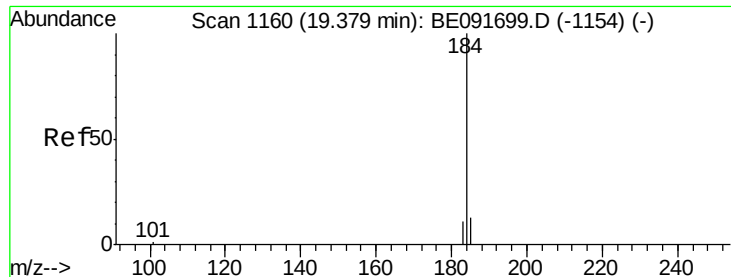


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#27

Benzidine

Concen: 2.20 ng

RT: 19.38 min Scan# 1159

Delta R.T. -0.00 min

Lab File: BE091754.D

Acq: 9 May 2016 12:45

Instrument :

BNA_E

ClientSampleId :

PB90335BS

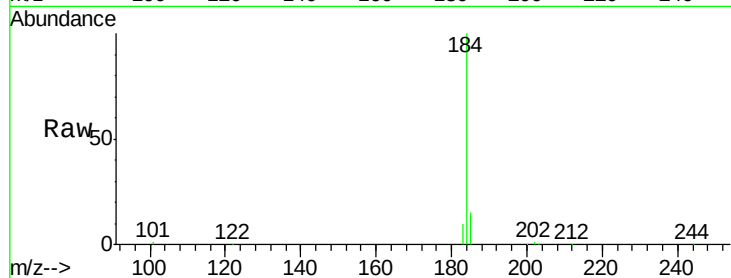
Tgt Ion:184 Resp: 50237

Ion Ratio Lower Upper

184 100

185 14.8 22.3 33.5#

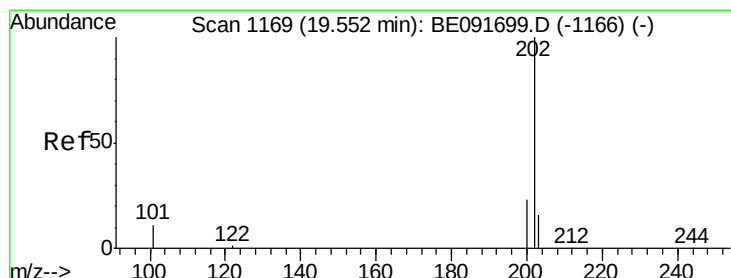
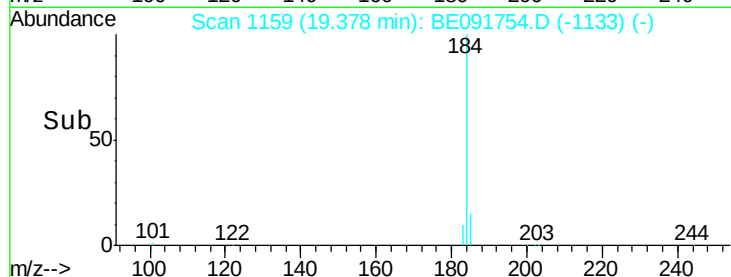
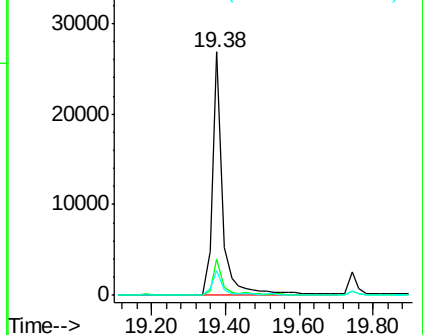
183 10.2 16.4 24.6#



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: 5.44 ng

RT: 19.55 min Scan# 1168

Delta R.T. -0.00 min

Lab File: BE091754.D

Acq: 9 May 2016 12:45

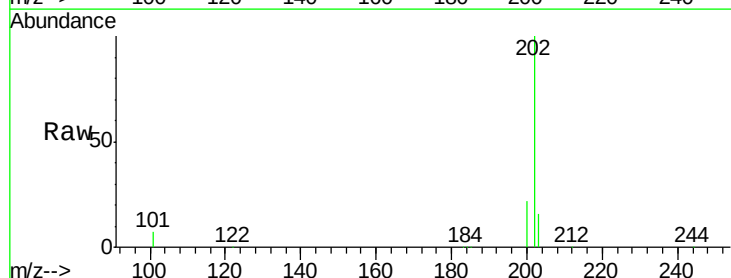
Tgt Ion:202 Resp: 369853

Ion Ratio Lower Upper

202 100

200 21.2 16.8 25.2

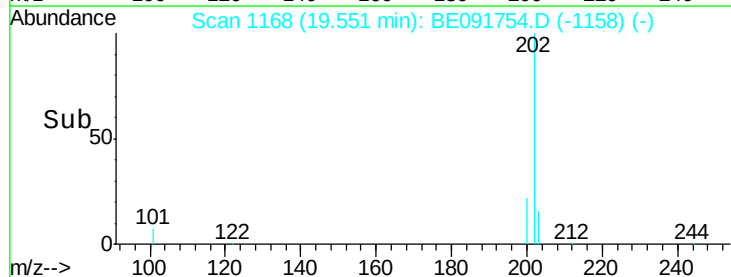
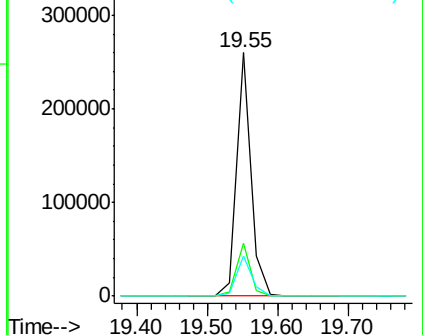
203 17.8 14.0 21.0

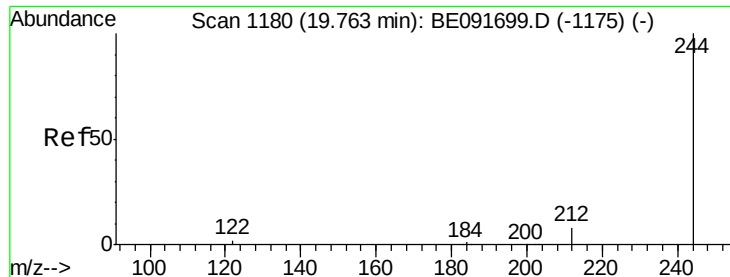


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 4.76 ng

RT: 19.76 min Scan# 1179

Delta R.T. -0.00 min

Lab File: BE091754.D

Acq: 9 May 2016 12:45

Instrument :

BNA_E

ClientSampleId :

PB90335BS

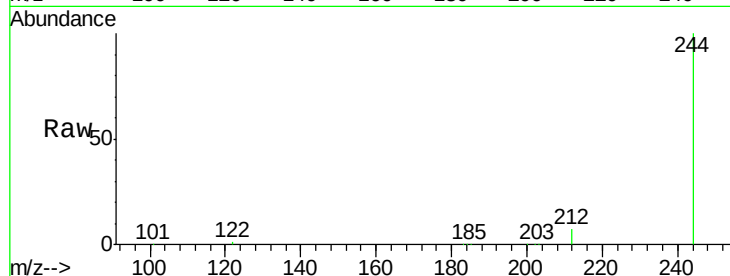
Tgt Ion:244 Resp: 223300

Ion Ratio Lower Upper

244 100

212 7.3 6.9 10.3

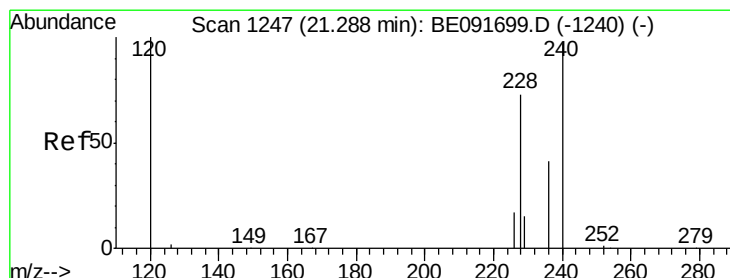
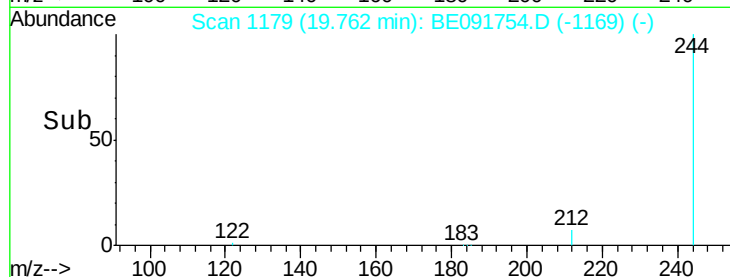
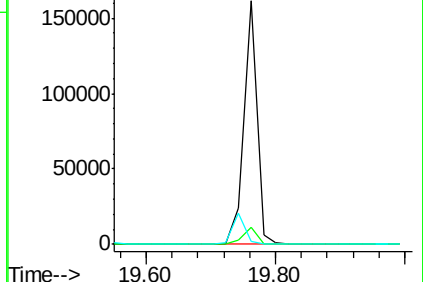
122 1.2 11.0 16.4#



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: 4.38 ng

RT: 21.29 min Scan# 1246

Delta R.T. 0.00 min

Lab File: BE091754.D

Acq: 9 May 2016 12:45

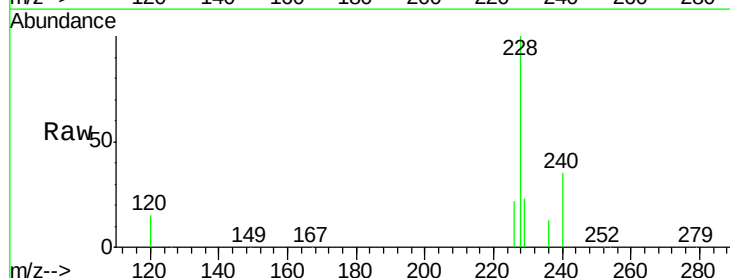
Tgt Ion:228 Resp: 322243

Ion Ratio Lower Upper

228 100

226 22.1 21.0 31.4

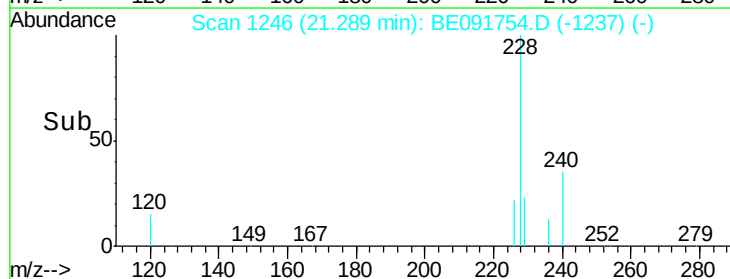
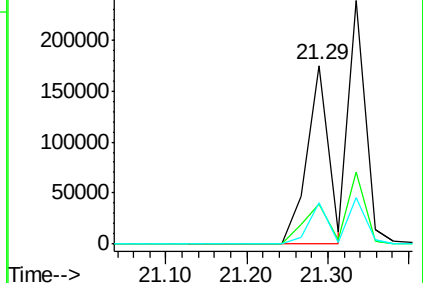
229 23.2 15.7 23.5

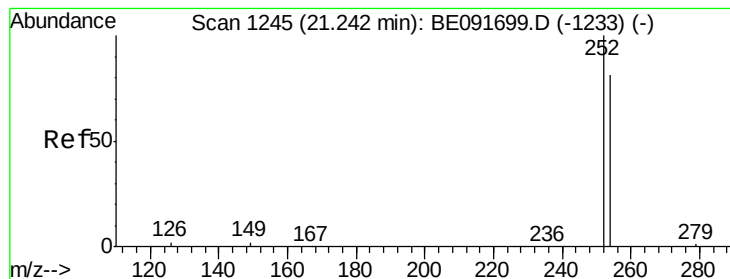


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

3,3'-Dichlorobenzidine

Concen: 1.07 ng

RT: 21.22 min Scan# 1243

Delta R.T. -0.02 min

Lab File: BE091754.D

Acq: 9 May 2016 12:45

Instrument :

BNA_E

ClientSampleId :

PB90335BS

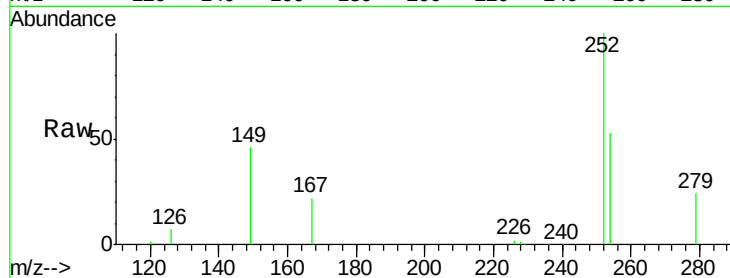
Tgt Ion:252 Resp: 40266

Ion Ratio Lower Upper

252 100

254 53.2 51.1 76.7

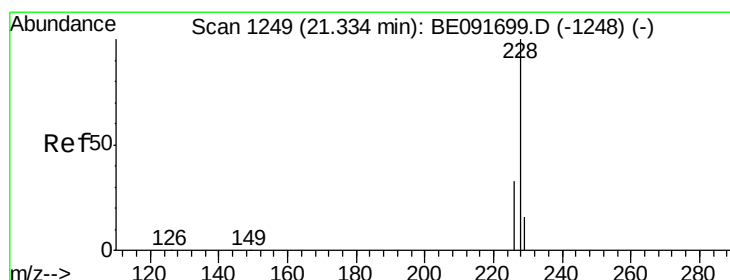
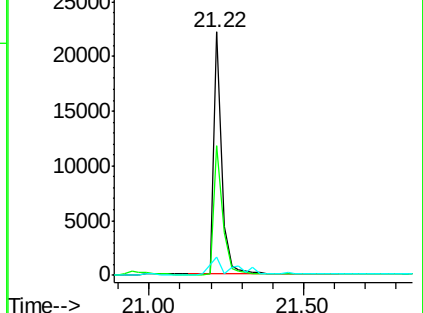
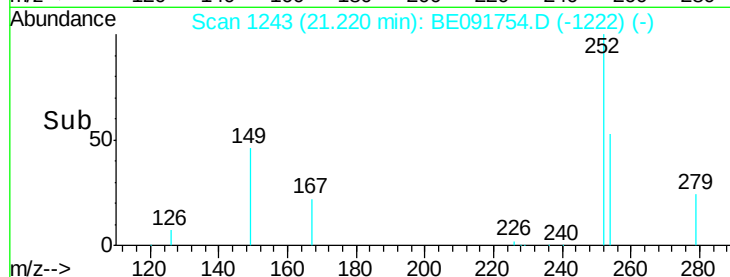
126 7.4 12.6 18.8#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E



#32

Chrysene

Concen: 4.22 ng

RT: 21.29 min Scan# 1246

Delta R.T. -0.04 min

Lab File: BE091754.D

Acq: 9 May 2016 12:45

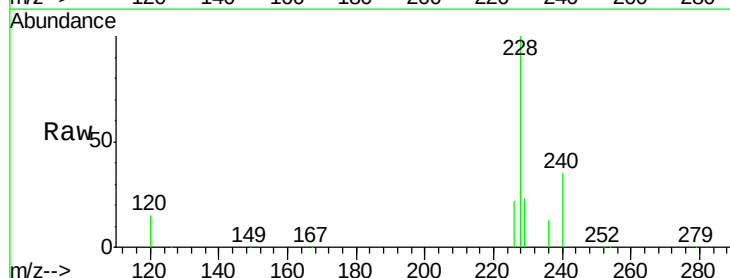
Tgt Ion:228 Resp: 322258

Ion Ratio Lower Upper

228 100

226 22.1 24.0 36.0#

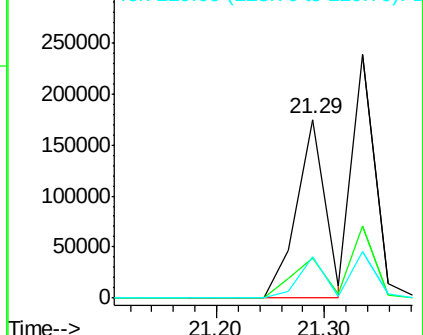
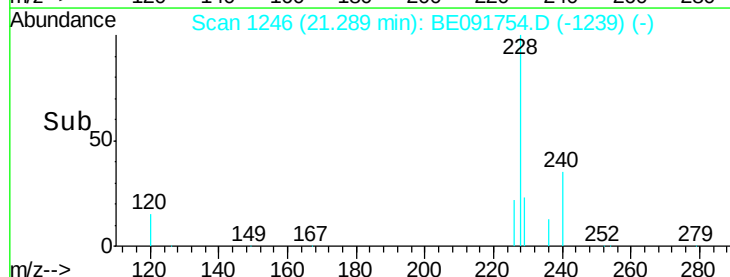
229 23.2 15.9 23.9

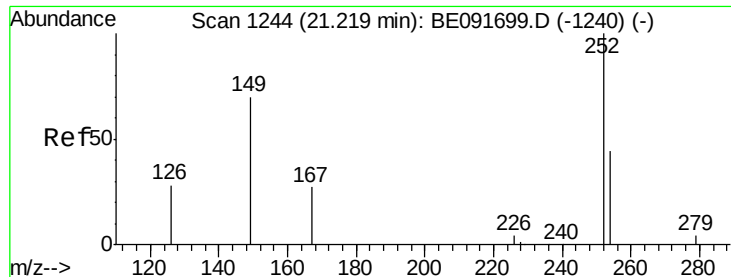


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

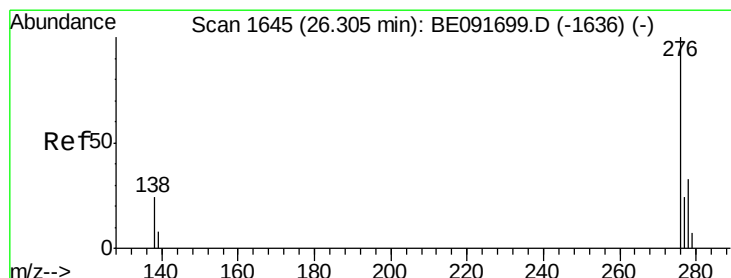
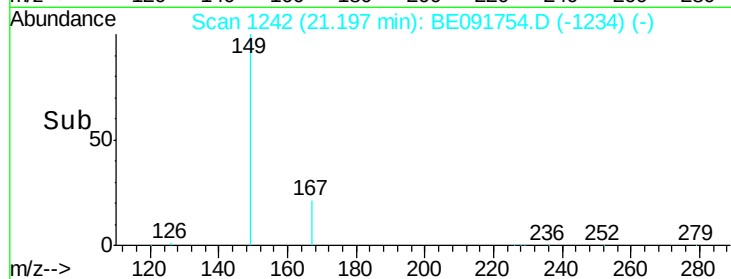
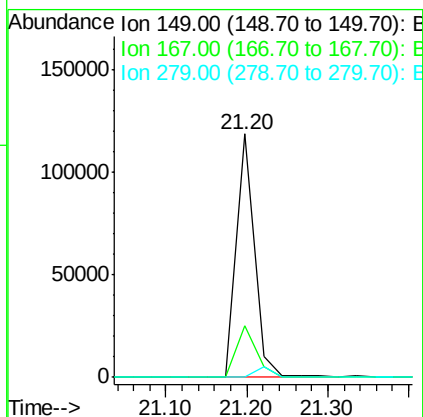
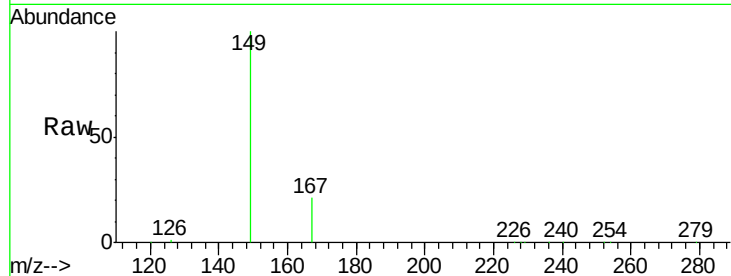




#33
 Bis(2-ethylhexyl)phthalate
 Concen: 8.09 ng
 RT: 21.20 min Scan# 1242
 Delta R.T. -0.02 min
 Lab File: BE091754.D
 Acq: 9 May 2016 12:45

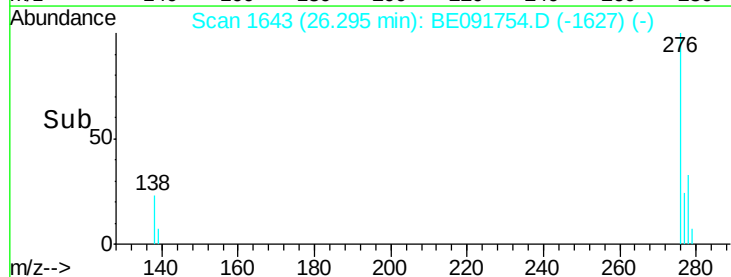
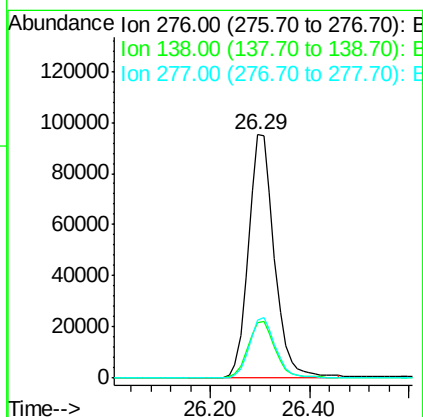
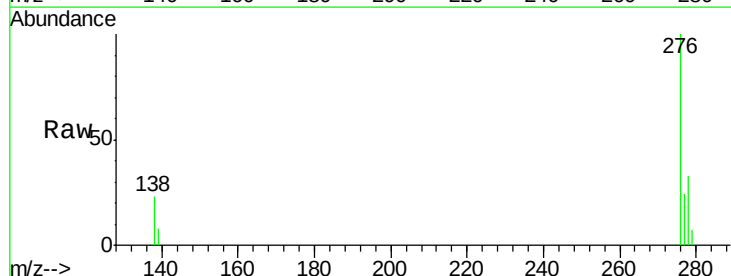
Instrument :
 BNA_E
 ClientSampleId :
 PB90335BS

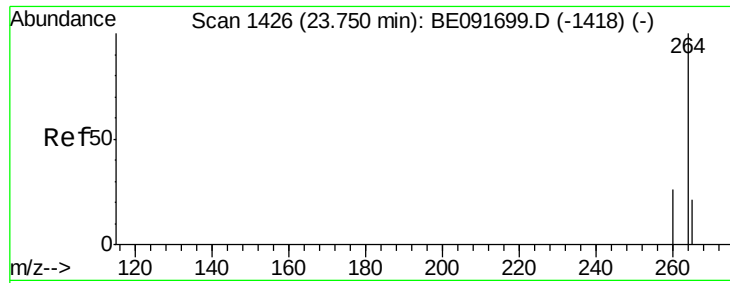
Tgt Ion:149 Resp: 180139
 Ion Ratio Lower Upper
 149 100
 167 23.0 19.5 29.3
 279 0.0 10.0 15.0#



#34
 Indeno(1,2,3-cd)pyrene
 Concen: 5.12 ng
 RT: 26.29 min Scan# 1643
 Delta R.T. -0.01 min
 Lab File: BE091754.D
 Acq: 9 May 2016 12:45

Tgt Ion:276 Resp: 348343
 Ion Ratio Lower Upper
 276 100
 138 24.3 23.4 35.2
 277 24.8 19.8 29.8

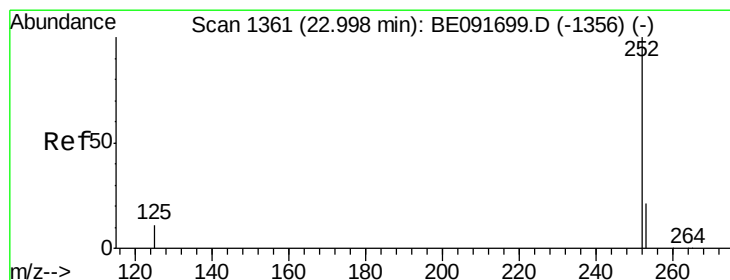
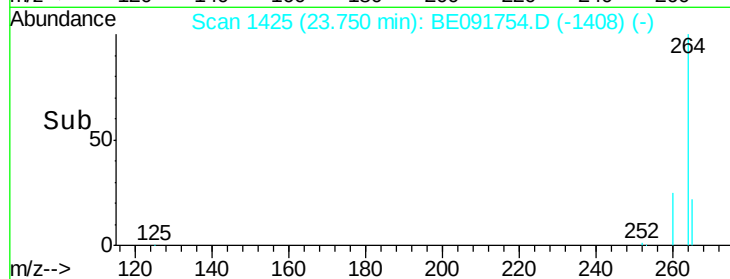
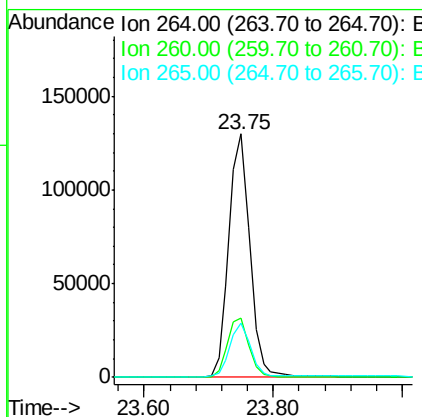
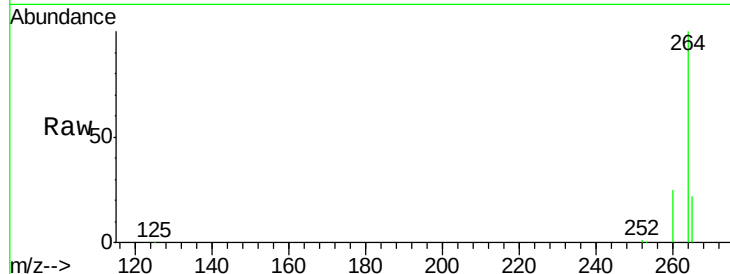




#35
Perylene-d12
 Concen: 5.00 ng
 RT: 23.75 min Scan# 1425
 Delta R.T. 0.00 min
 Lab File: BE091754.D
 Acq: 9 May 2016 12:45

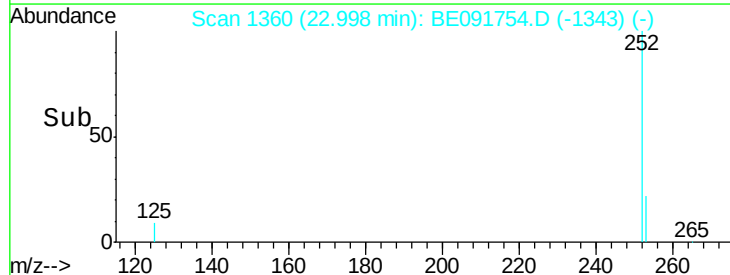
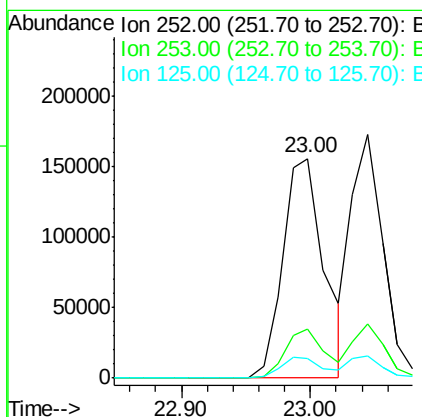
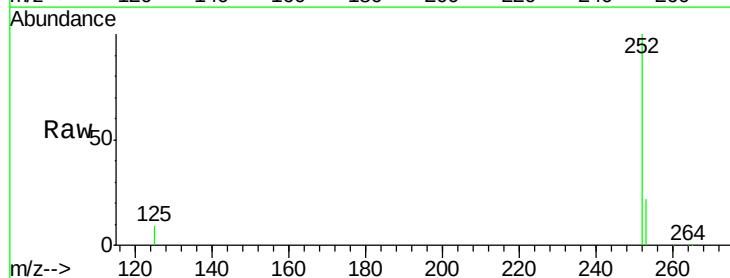
Instrument :
 BNA_E
 ClientSampleId :
 PB90335BS

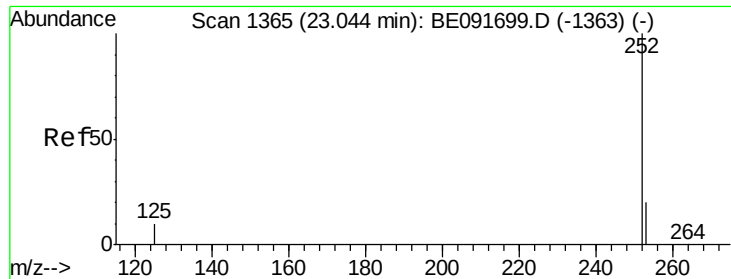
Tgt Ion: 264 Resp: 294657
 Ion Ratio Lower Upper
 264 100
 260 24.6 20.0 30.0
 265 22.5 17.5 26.3



#36
Benzo(b)fluoranthene
 Concen: 5.03 ng
 RT: 23.00 min Scan# 1360
 Delta R.T. 0.00 min
 Lab File: BE091754.D
 Acq: 9 May 2016 12:45

Tgt Ion: 252 Resp: 346971
 Ion Ratio Lower Upper
 252 100
 253 22.4 17.4 26.0
 125 9.0 10.2 15.2#

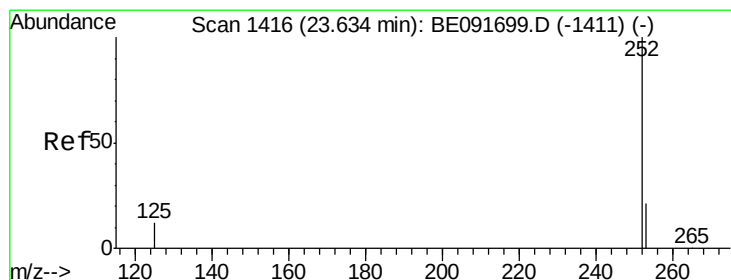
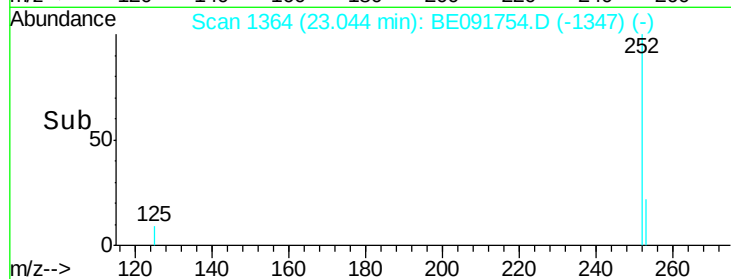
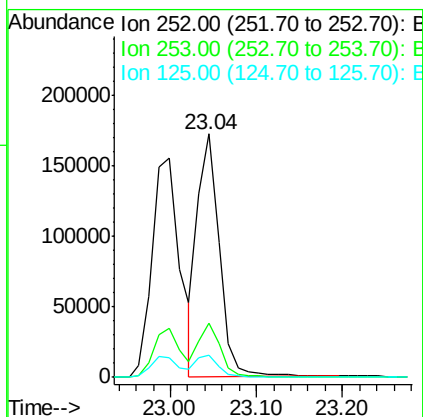
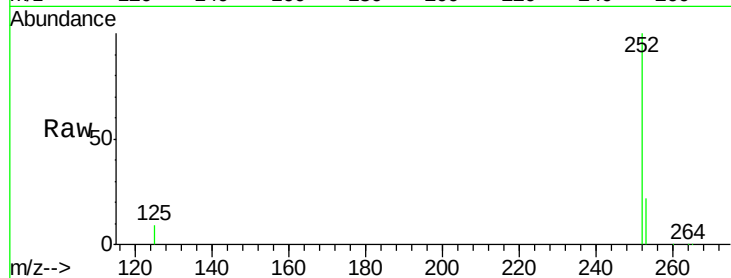




#37
Benzo(k)fluoranthene
Concen: 4.33 ng
RT: 23.04 min Scan# 1364
Delta R.T. 0.00 min
Lab File: BE091754.D
Acq: 9 May 2016 12:45

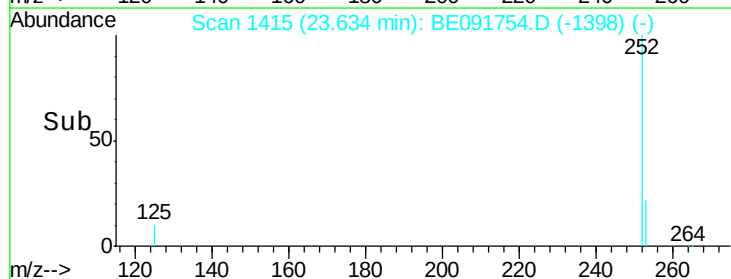
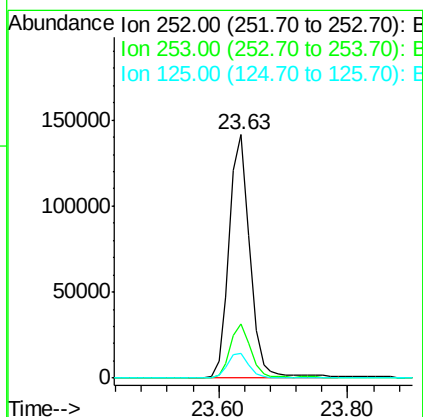
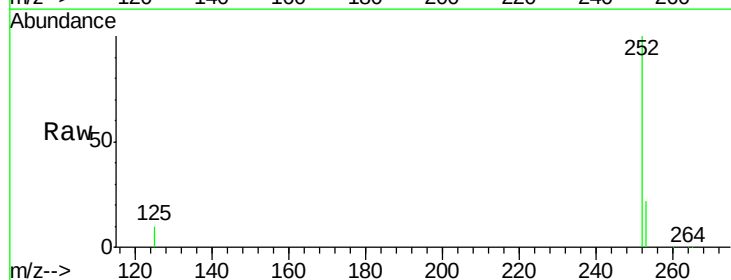
Instrument :
BNA_E
ClientSampleId :
PB90335BS

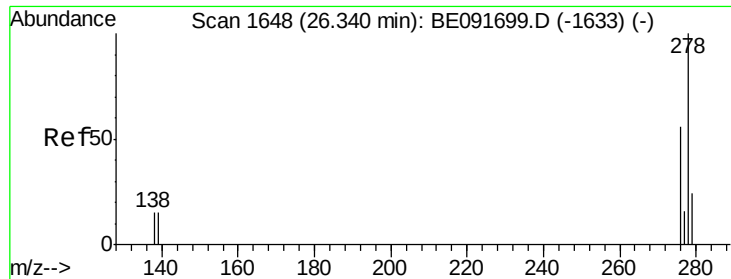
Tgt Ion: 252 Resp: 303921
Ion Ratio Lower Upper
252 100
253 22.5 17.6 26.4
125 9.1 9.9 14.9#



#38
Benzo(a)pyrene
Concen: 4.83 ng
RT: 23.63 min Scan# 1415
Delta R.T. 0.00 min
Lab File: BE091754.D
Acq: 9 May 2016 12:45

Tgt Ion: 252 Resp: 314088
Ion Ratio Lower Upper
252 100
253 22.3 18.1 27.1
125 10.2 11.0 16.4#





#39

Dibenzo(a,h)anthracene

Concen: 4.70 ng

RT: 26.33 min Scan# 1646

Delta R.T. -0.01 min

Lab File: BE091754.D

Acq: 9 May 2016 12:45

Instrument :

BNA_E

ClientSampleId :

PB90335BS

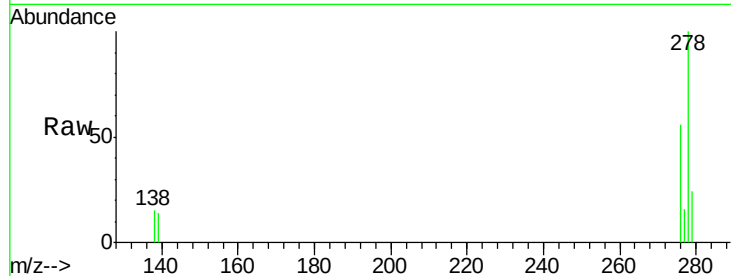
Tgt Ion: 278 Resp: 289730

Ion Ratio Lower Upper

278 100

139 14.5 16.0 24.0#

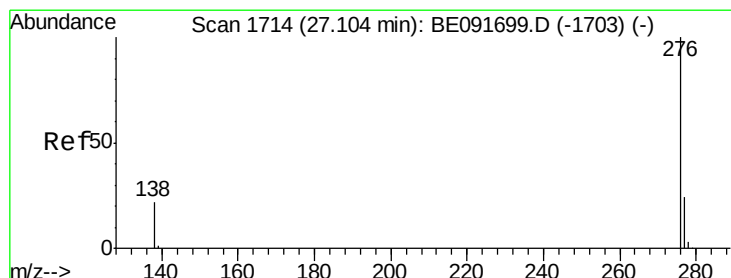
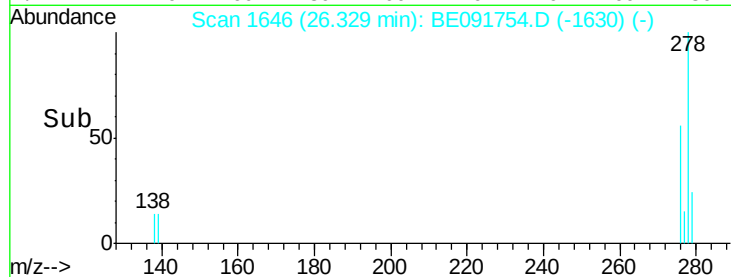
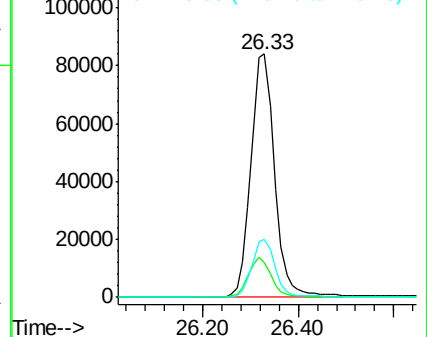
279 23.9 19.4 29.2



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: 4.71 ng

RT: 27.09 min Scan# 1712

Delta R.T. -0.01 min

Lab File: BE091754.D

Acq: 9 May 2016 12:45

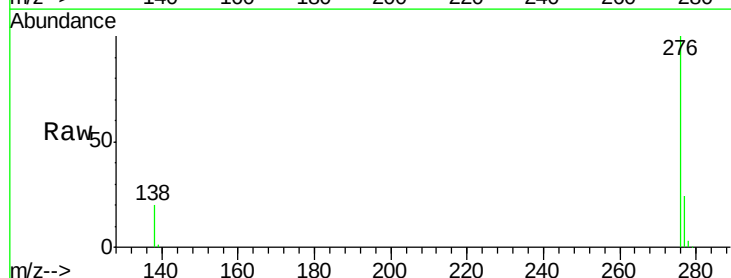
Tgt Ion: 276 Resp: 294614

Ion Ratio Lower Upper

276 100

277 23.6 18.6 28.0

138 20.5 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

