

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE052316\
 Data File : BE091845.D
 Acq On : 23 May 2016 13:44
 Operator : UM/SJ
 Sample : PB90761BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB90761BS

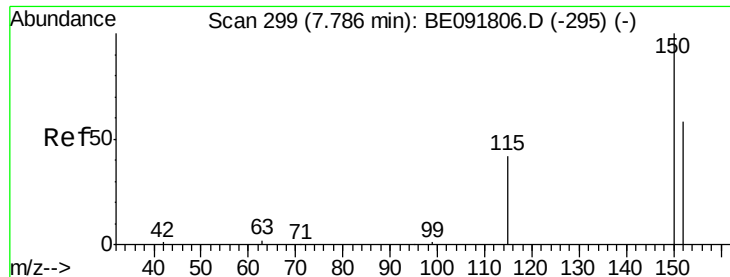
Quant Time: May 24 02:20:02 2016
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE051916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 19 15:36:49 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	24252	5.00	ng	-0.02
7) Naphthalene-d8	10.55	136	120633	5.00	ng	-0.02
13) Acenaphthene-d10	14.41	164	84954	5.00	ng	-0.01
19) Phenanthrene-d10	17.14	188	254254	5.00	ng	-0.01
26) Chrysene-d12	21.29	240	329873	5.00	ng	-0.02
35) Perylene-d12	23.73	264	290631	5.00	ng	-0.02

System Monitoring Compounds						
4) 2-Fluorophenol	5.39	112	40053	6.32	ng	0.00
5) Phenol-d6	6.95	99	58806	6.59	ng	0.00
8) Nitrobenzene-d5	8.93	82	29573	3.70	ng	-0.01
14) 2,4,6-Tribromophenol	15.88	330	26874	8.15	ng	-0.01
15) 2-Fluorobiphenyl	13.02	172	79356	3.30	ng	-0.01
29) Terphenyl-d14	19.74	244	170481	3.65	ng	-0.02

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.31	88	9651	3.64	ng	99
3) n-Nitrosodimethylamine	3.61	42	14593	3.77	ng	# 96
6) bis(2-Chloroethyl)ether	7.20	93	25255	3.53	ng	# 77
9) Nitrobenzene	8.97	77	30995	3.77	ng	93
10) Naphthalene	10.61	128	85000	3.18	ng	97
11) Hexachlorobutadiene	10.90	225	14313	3.62	ng	96
12) 2-Methylnaphthalene	12.21	142	64701	3.60	ng	98
16) Acenaphthylene	14.11	152	128246	3.39	ng	# 86
17) Acenaphthene	14.46	154	72404	3.18	ng	89
18) Fluorene	15.43	166	101320	3.43	ng	98
20) 4-Bromophenyl-phenylether	16.31	248	30465	3.20	ng	94
21) Hexachlorobenzene	16.45	284	30541	3.09	ng	98
22) Pentachlorophenol	16.79	266	25601	6.26	ng	# 89
23) Phenanthrene	17.17	178	189449	3.77	ng	97
24) Anthracene	17.26	178	187827	3.40	ng	99
25) Fluoranthene	19.19	202	238047	3.52	ng	97
27) Benzidine	19.36	184	125215	4.20	ng	# 75
28) Pyrene	19.53	202	243701	3.37	ng	98
30) Benzo(a)anthracene	21.27	228	521020	6.55	ng	95
31) 3,3'-Dichlorobenzidine	21.22	252	75147	1.48	ng	# 79
32) Chrysene	21.27	228	522641	7.63	ng	97
33) Bis(2-ethylhexyl)phthalate	21.20	149	130178	2.97	ng	# 82
34) Indeno(1,2,3-cd)pyrene	26.27	276	299199	3.67	ng	95
36) Benzo(b)fluoranthene	22.97	252	278056	3.82	ng	# 96
37) Benzo(k)fluoranthene	23.02	252	260598	3.50	ng	# 97
38) Benzo(a)pyrene	23.61	252	260219	3.75	ng	# 97
39) Dibenzo(a,h)anthracene	26.29	278	249301	3.68	ng	# 95
40) Benzo(g,h,i)perylene	27.06	276	251680	3.60	ng	# 94

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



#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 7.79 min Scan# 299

Delta R.T. -0.02 min

Lab File: BE091845.D

Acq: 23 May 2016 13:44

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ClientSampleId :

PB90761BS

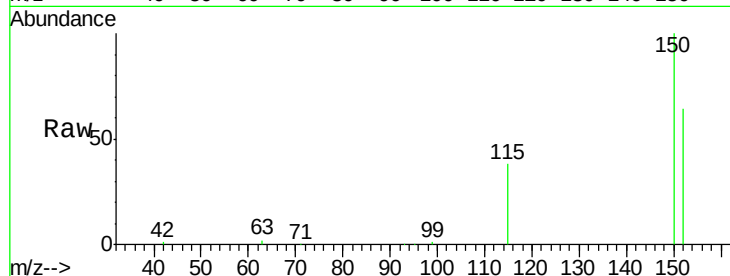
Tgt Ion:152 Resp: 24252

Ion Ratio Lower Upper

152 100

150 155.7 122.6 183.8

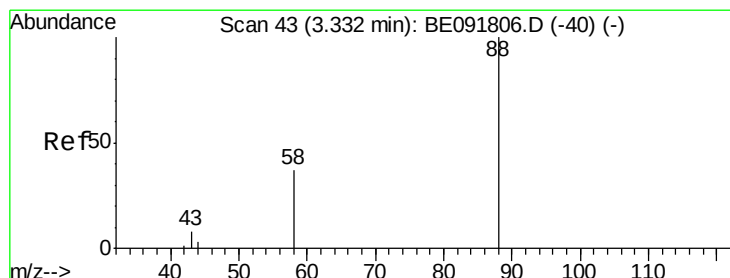
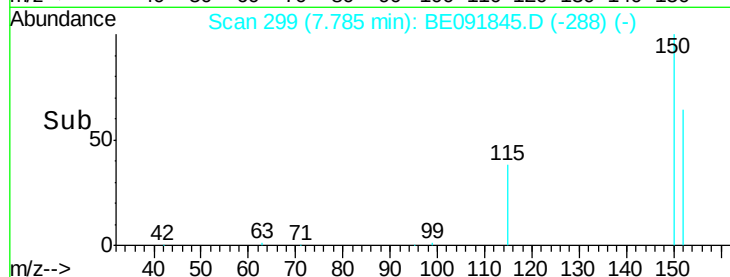
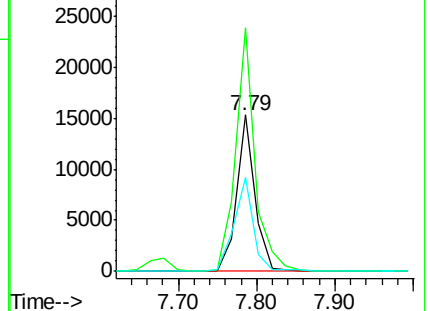
115 59.9 52.8 79.2



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: 3.64 ng

RT: 3.31 min Scan# 42

Delta R.T. -0.02 min

Lab File: BE091845.D

Acq: 23 May 2016 13:44

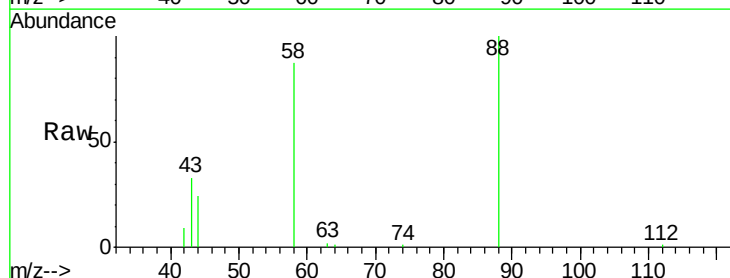
Tgt Ion: 88 Resp: 9651

Ion Ratio Lower Upper

88 100

58 82.6 65.8 98.6

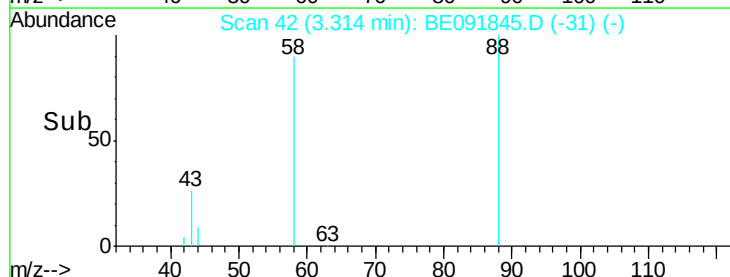
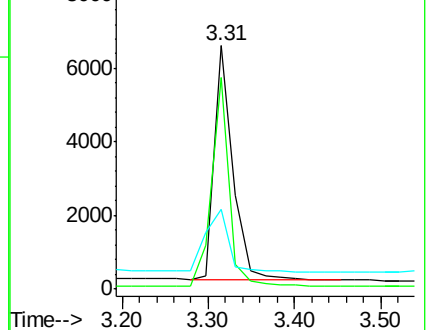
43 33.3 25.3 37.9

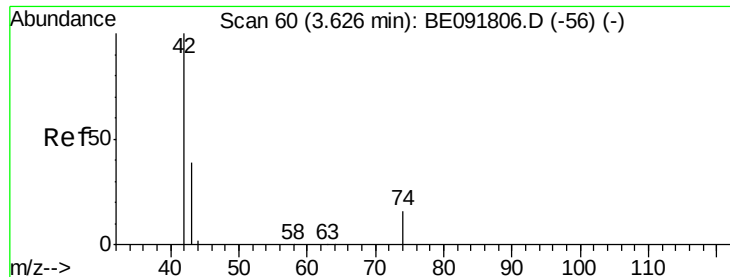


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#3

n-Nitrosodimethylamine

Concen: 3.77 ng

RT: 3.61 min Scan# 59

Delta R.T. -0.02 min

Lab File: BE091845.D

Acq: 23 May 2016 13:44

Instrument :

BNA_E

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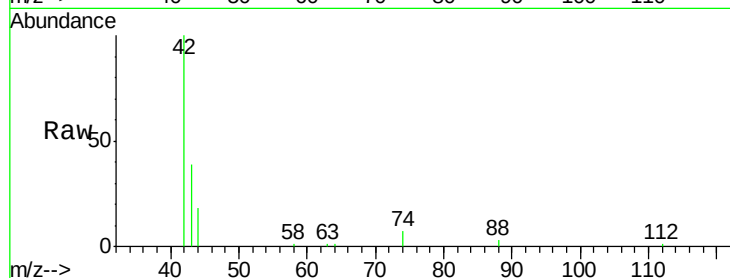
Tgt Ion: 42 Resp: 14593

Ion Ratio Lower Upper

42 100

74 113.7 87.9 131.9

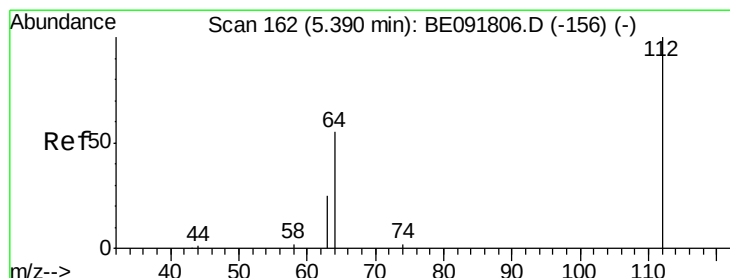
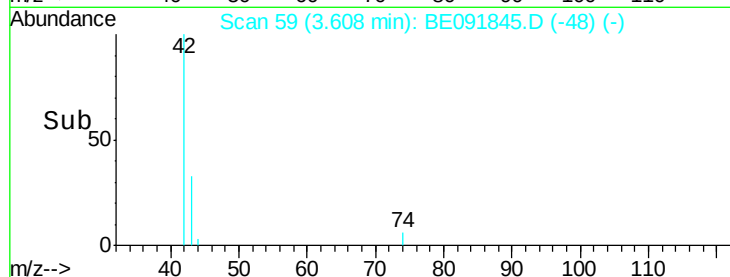
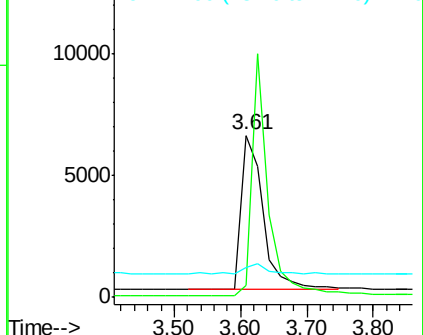
44 6.1 6.6 9.8#



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: 6.32 ng

RT: 5.39 min Scan# 162

Delta R.T. 0.00 min

Lab File: BE091845.D

Acq: 23 May 2016 13:44

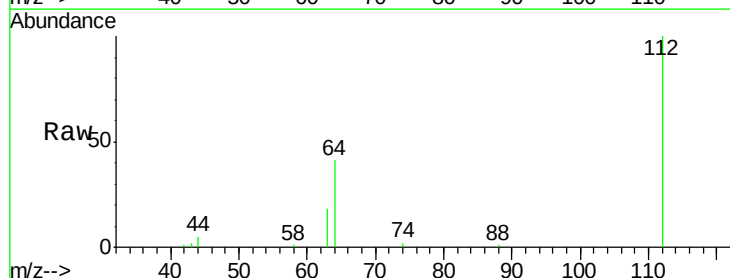
Tgt Ion: 112 Resp: 40053

Ion Ratio Lower Upper

112 100

64 67.1 30.9 46.3#

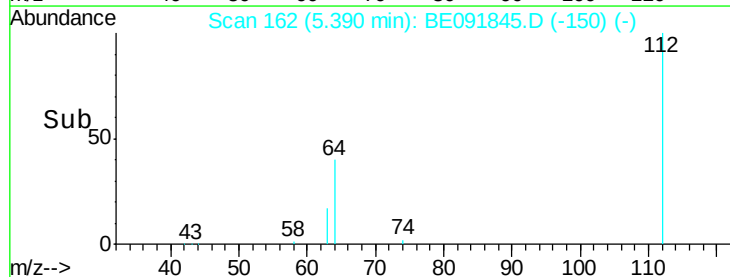
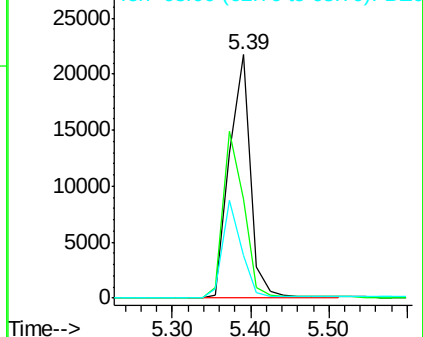
63 35.9 16.7 25.1#

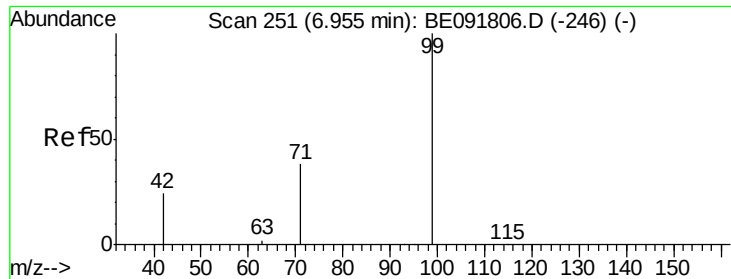


Abundance Ion 112.00 (111.70 to 112.70): BE0

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 6.59 ng

RT: 6.95 min Scan# 251

Delta R.T. 0.00 min

Lab File: BE091845.D

Acq: 23 May 2016 13:44

Instrument :

BNA_E

ClientSampleId :

PB90761BS

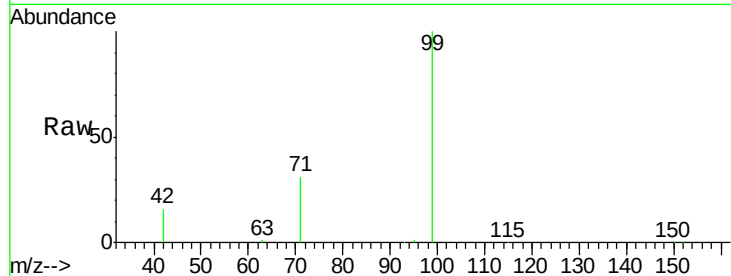
Tgt Ion: 99 Resp: 58806

Ion Ratio Lower Upper

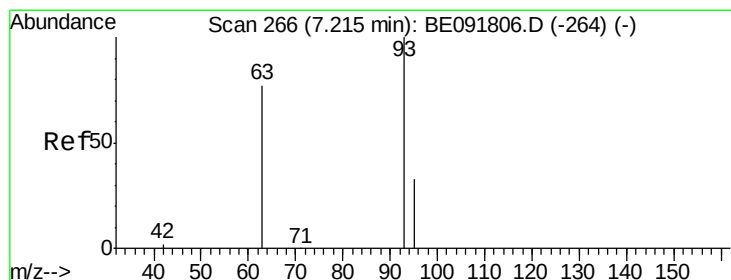
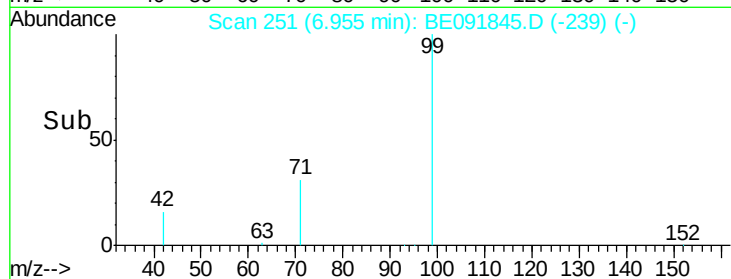
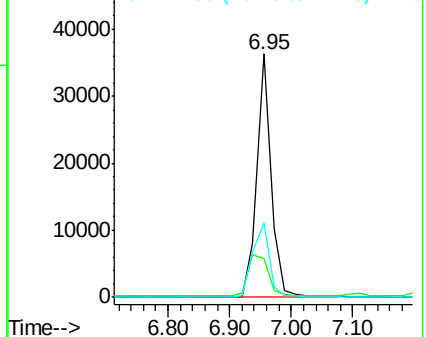
99 100

42 23.6 16.2 24.2

71 35.3 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: 3.53 ng

RT: 7.20 min Scan# 265

Delta R.T. -0.02 min

Lab File: BE091845.D

Acq: 23 May 2016 13:44

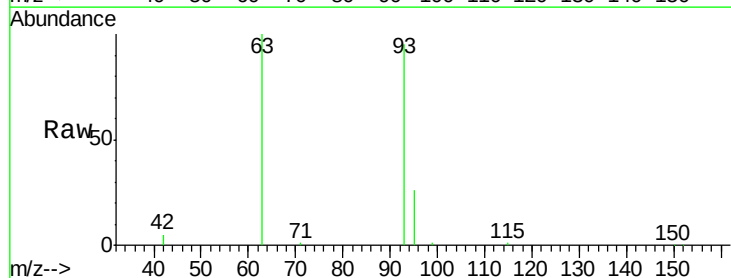
Tgt Ion: 93 Resp: 25255

Ion Ratio Lower Upper

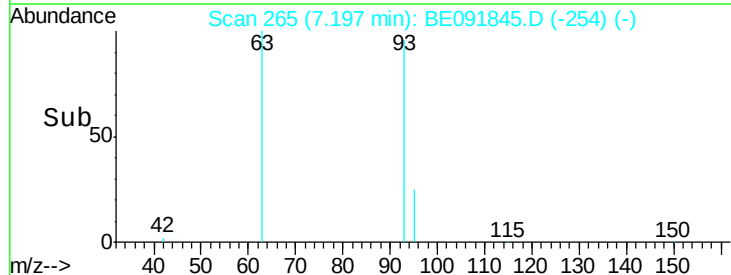
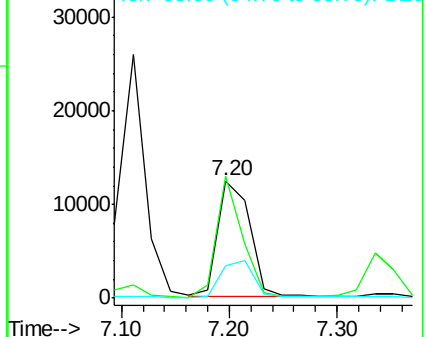
93 100

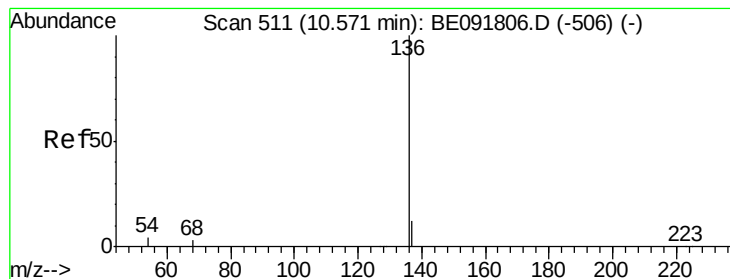
63 84.5 49.5 74.3#

95 32.1 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: 10.55 min Scan# 510

Delta R.T. -0.02 min

Lab File: BE091845.D

Acq: 23 May 2016 13:44

Instrument :

BNA_E

ClientSampleId :

PB90761BS

Tgt Ion: 136 Resp: 120633

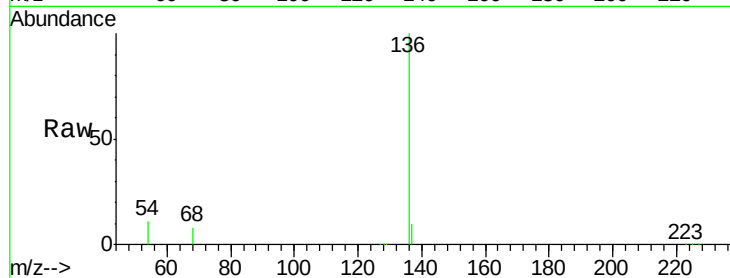
Ion Ratio Lower Upper

136 100

137 10.3 8.9 13.3

54 10.6 8.2 12.4

68 7.7 6.2 9.4

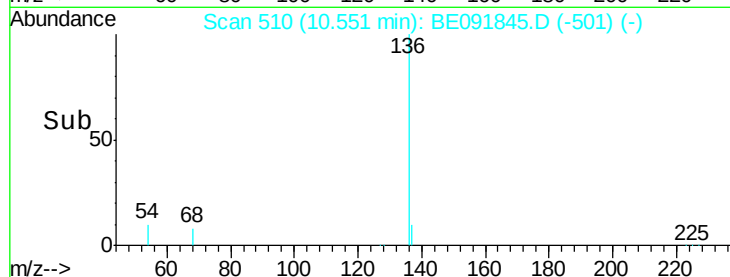


Abundance Ion 136.00 (135.70 to 136.70): E

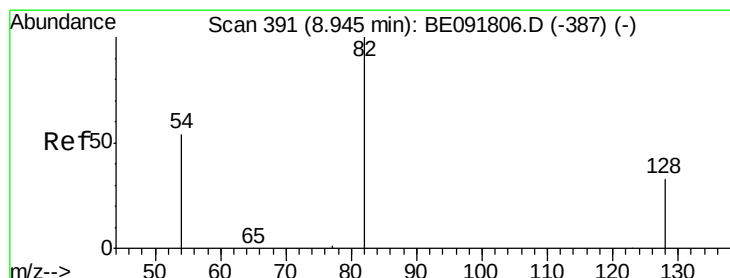
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BE0

Ion 68.00 (67.70 to 68.70): BE0



Time--> 10.40 10.50 10.60 10.70



#8

Nitrobenzene-d5

Concen: 3.70 ng

RT: 8.93 min Scan# 390

Delta R.T. -0.01 min

Lab File: BE091845.D

Acq: 23 May 2016 13:44

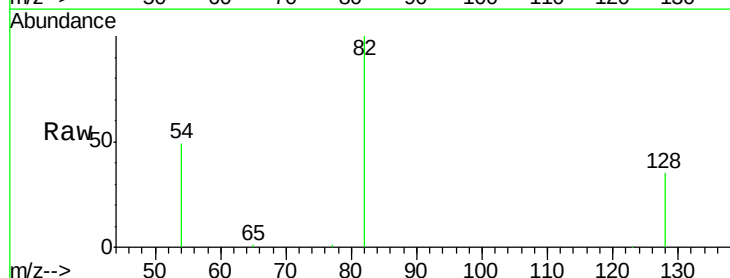
Tgt Ion: 82 Resp: 29573

Ion Ratio Lower Upper

82 100

128 35.0 25.4 38.0

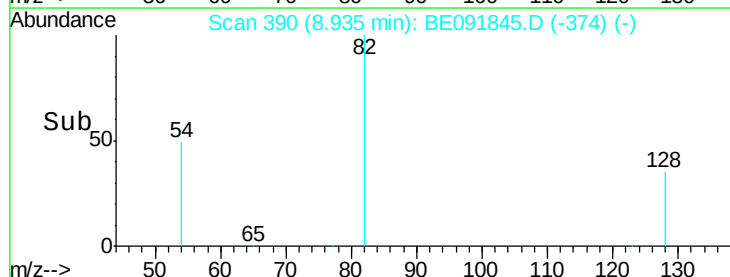
54 49.2 48.4 72.6



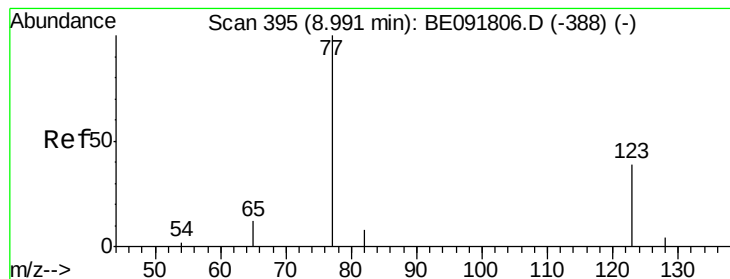
Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0



Time--> 8.80 8.90 9.00 9.10



#9

Nitrobenzene

Concen: 3.77 ng

RT: 8.97 min Scan# 393

Delta R.T. -0.02 min

Lab File: BE091845.D

Acq: 23 May 2016 13:44

Instrument :

BNA_E

ClientSampleId :

PB90761BS

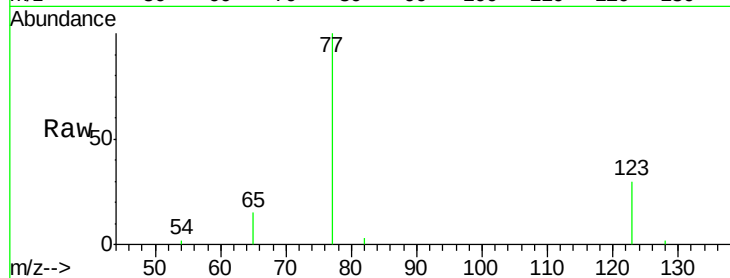
Tgt Ion: 77 Resp: 30995

Ion Ratio Lower Upper

77 100

123 37.9 26.9 40.3

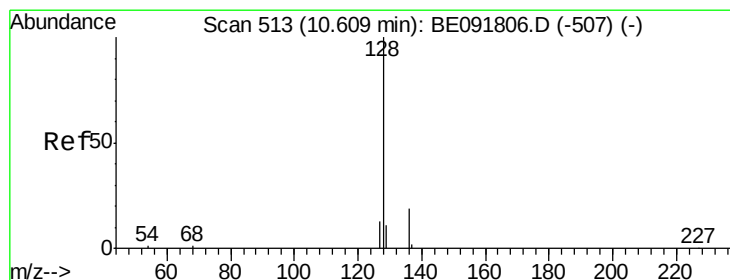
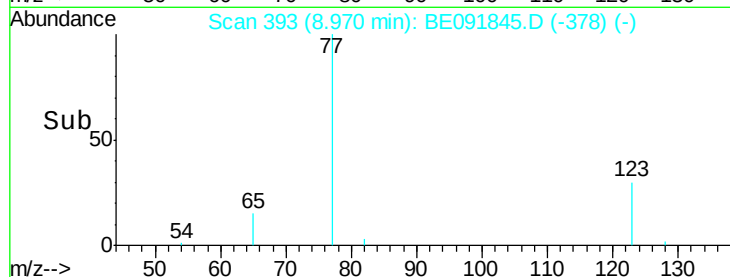
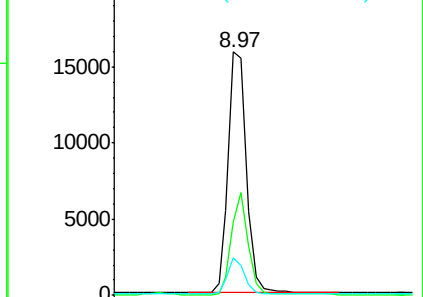
65 13.9 9.4 14.2



Abundance Ion 77.00 (76.70 to 77.70): BE091806.D (-388) (-)

Ion 123.00 (122.70 to 123.70): BE091806.D (-388) (-)

Ion 65.00 (64.70 to 65.70): BE091806.D (-388) (-)



#10

Naphthalene

Concen: 3.18 ng

RT: 10.61 min Scan# 513

Delta R.T. -0.00 min

Lab File: BE091845.D

Acq: 23 May 2016 13:44

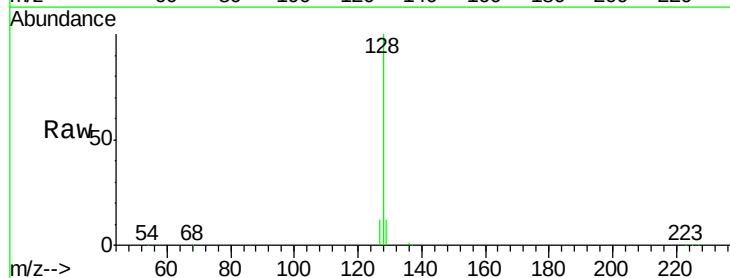
Tgt Ion: 128 Resp: 85000

Ion Ratio Lower Upper

128 100

129 11.9 9.3 13.9

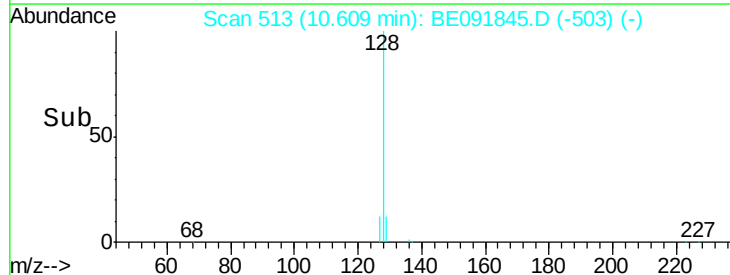
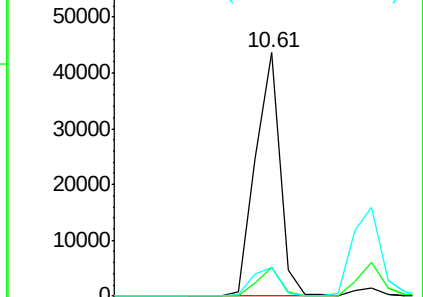
127 11.8 10.7 16.1

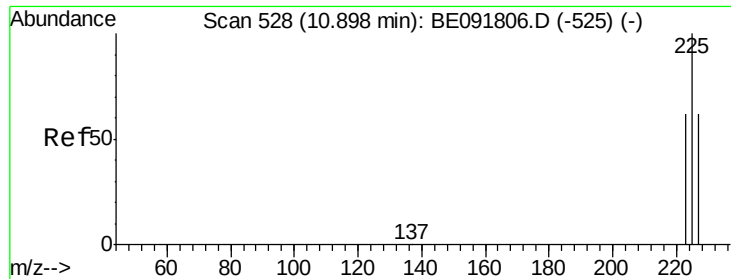


Abundance Ion 128.00 (127.70 to 128.70): BE091806.D (-507) (-)

Ion 129.00 (128.70 to 129.70): BE091806.D (-507) (-)

Ion 127.00 (126.70 to 127.70): BE091806.D (-507) (-)

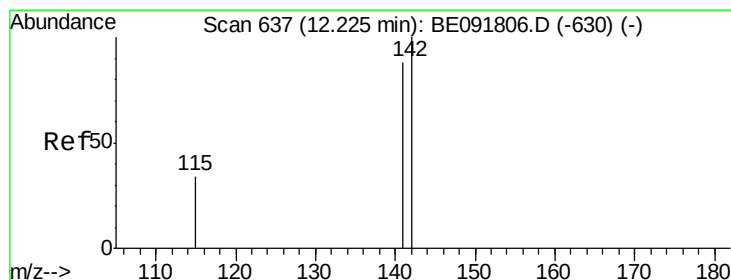
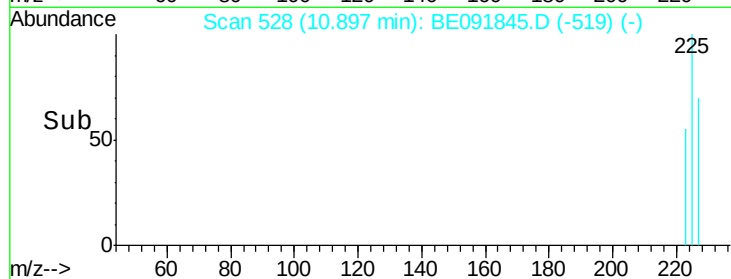
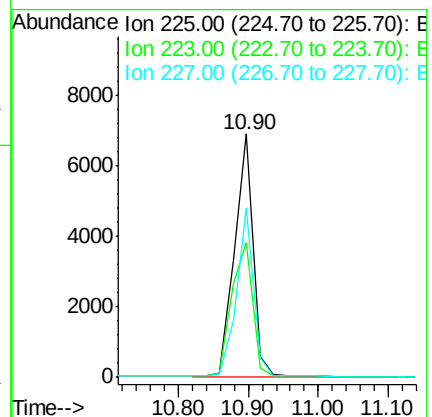
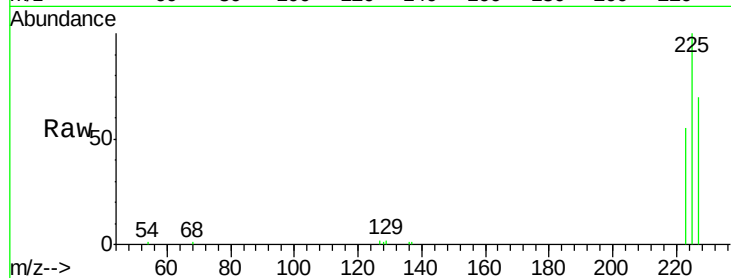




#11
Hexachlorobutadiene
Concen: 3.62 ng
RT: 10.90 min Scan# 528
Delta R.T. -0.02 min
Lab File: BE091845.D
Acq: 23 May 2016 13:44

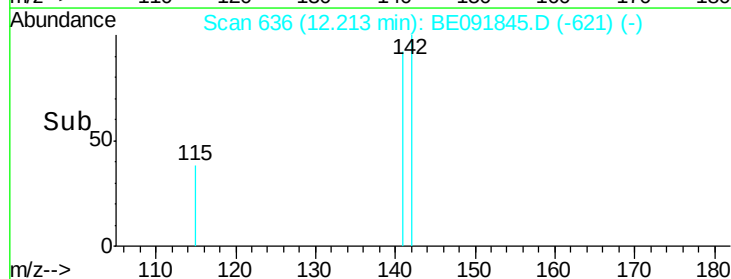
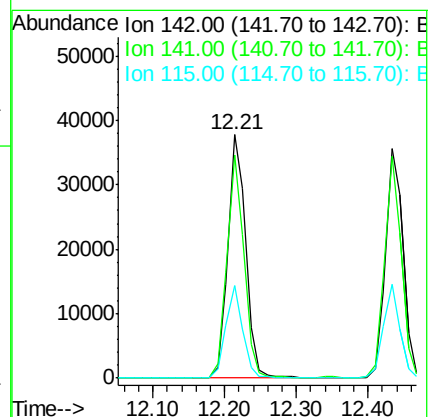
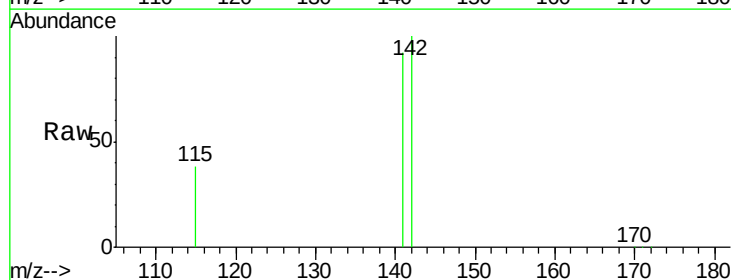
Instrument :
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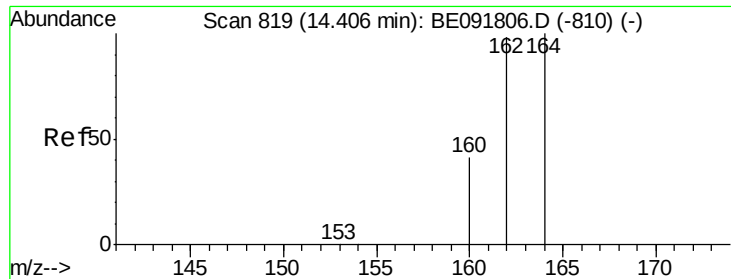
Tgt Ion: 225 Resp: 14313
Ion Ratio Lower Upper
225 100
223 64.1 49.0 73.6
227 65.9 50.3 75.5



#12
2-Methylnaphthalene
Concen: 3.60 ng
RT: 12.21 min Scan# 636
Delta R.T. -0.02 min
Lab File: BE091845.D
Acq: 23 May 2016 13:44

Tgt Ion: 142 Resp: 64701
Ion Ratio Lower Upper
142 100
141 91.8 71.4 107.0
115 38.0 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: BE091845.D

Acq: 23 May 2016 13:44

Instrument :

BNA_E

ClientSampleId :

PB90761BS

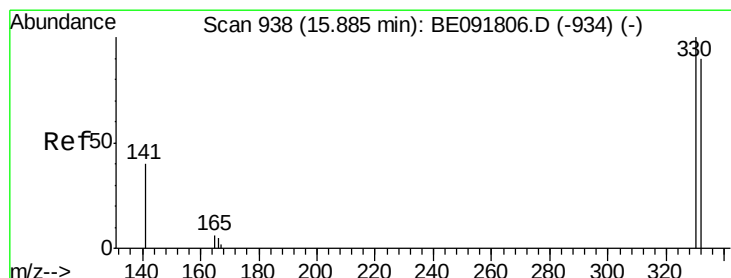
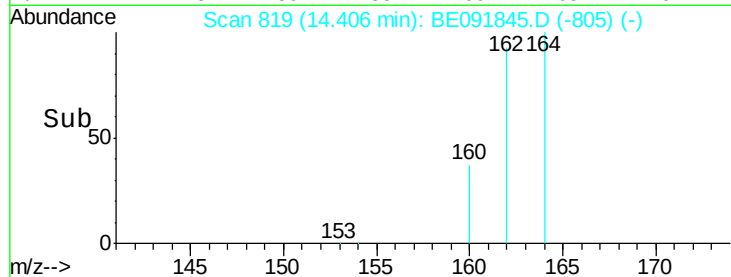
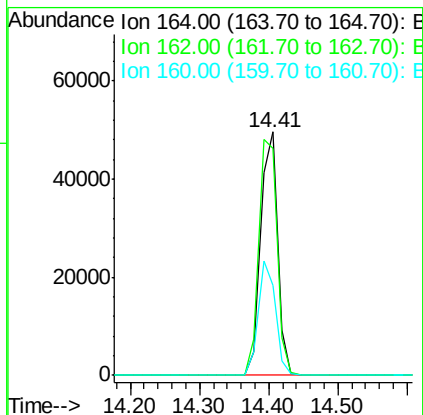
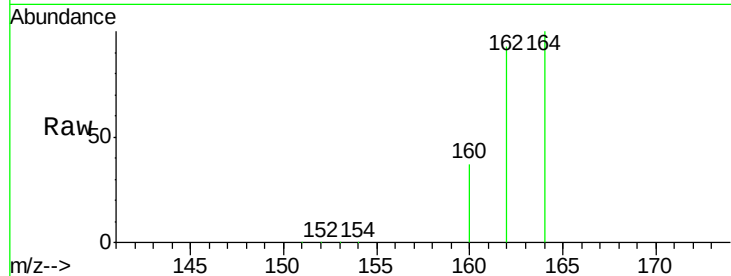
Tgt Ion:164 Resp: 84954

Ion Ratio Lower Upper

164 100

162 93.4 85.3 127.9

160 37.0 46.2 69.2#



#14

2,4,6-Tribromophenol

Concen: 8.15 ng

RT: 15.88 min Scan# 938

Delta R.T. -0.01 min

Lab File: BE091845.D

Acq: 23 May 2016 13:44

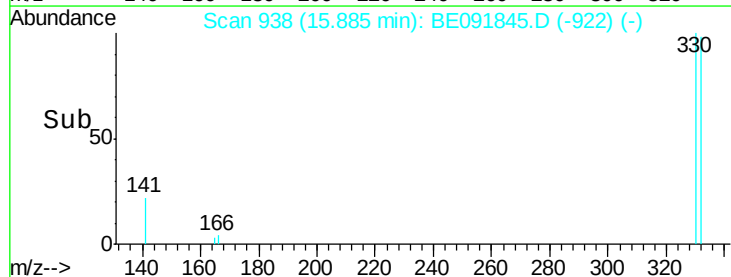
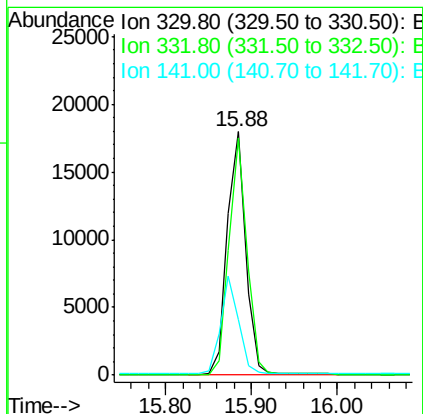
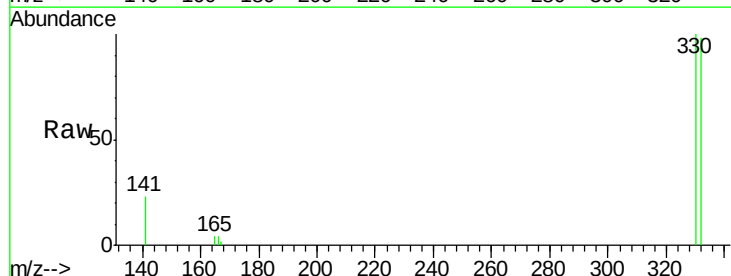
Tgt Ion:330 Resp: 26874

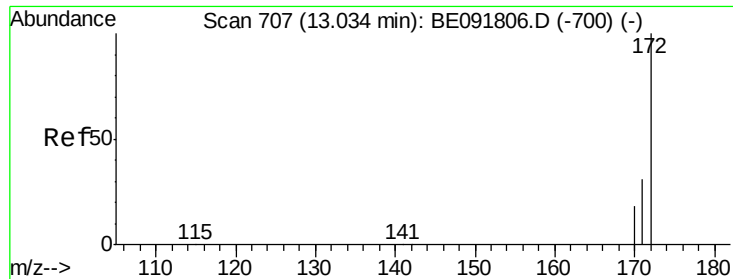
Ion Ratio Lower Upper

330 100

332 95.2 79.1 118.7

141 39.8 125.4 188.0#

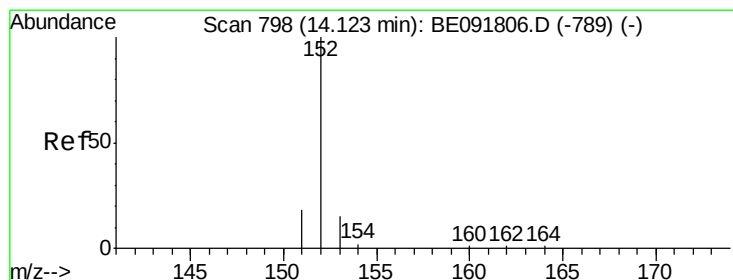
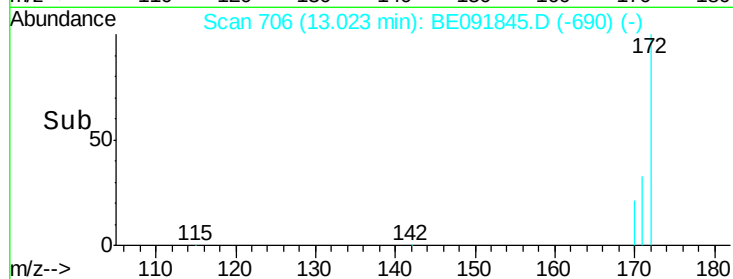
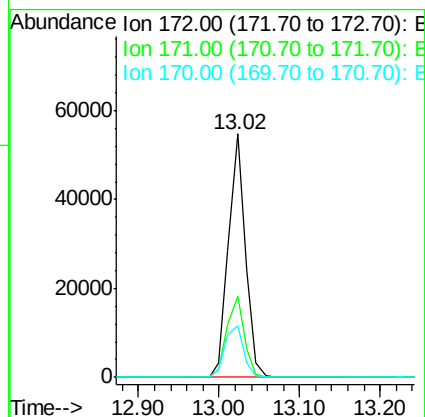
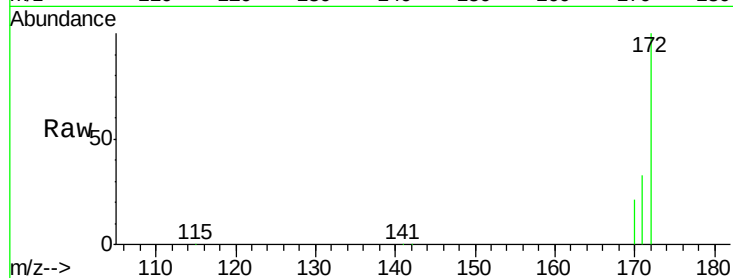




#15
2-Fluorobiphenyl
Concen: 3.30 ng
RT: 13.02 min Scan# 706
Delta R.T. -0.01 min
Lab File: BE091845.D
Acq: 23 May 2016 13:44

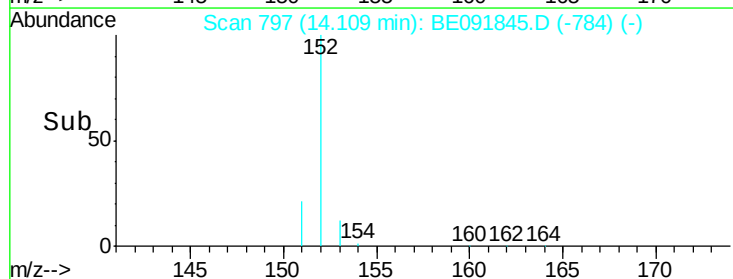
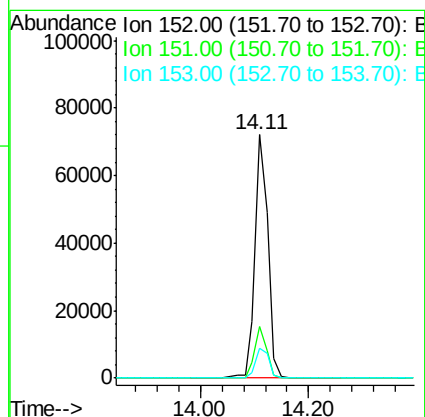
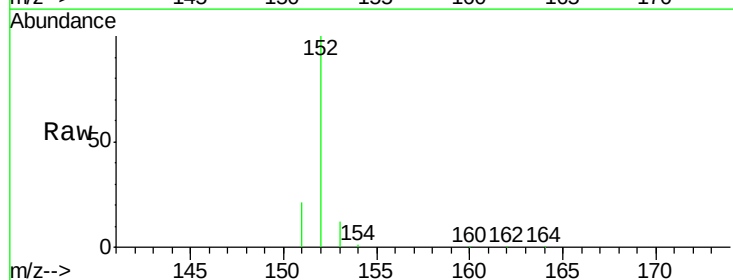
Instrument :
BNA_E
ClientSampleId :
PB90761BS

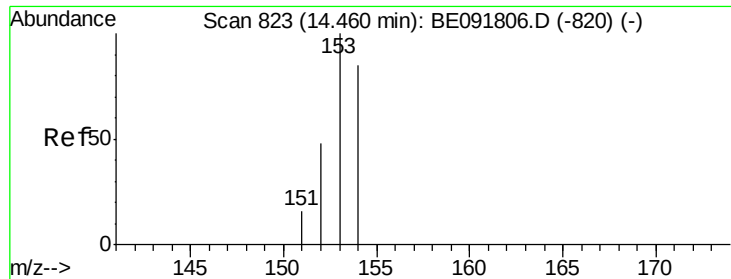
Tgt Ion:172 Resp: 79356
Ion Ratio Lower Upper
172 100
171 33.3 28.8 43.2
170 21.1 19.3 28.9



#16
Acenaphthylene
Concen: 3.39 ng
RT: 14.11 min Scan# 797
Delta R.T. -0.01 min
Lab File: BE091845.D
Acq: 23 May 2016 13:44

Tgt Ion:152 Resp: 128246
Ion Ratio Lower Upper
152 100
151 20.3 3.9 5.9#
153 13.6 10.3 15.5

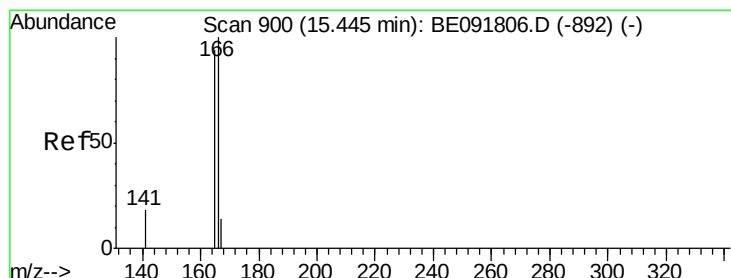
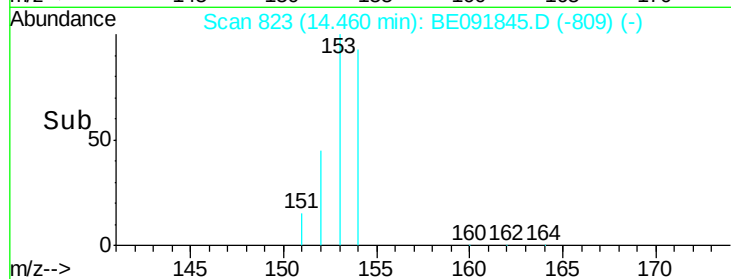
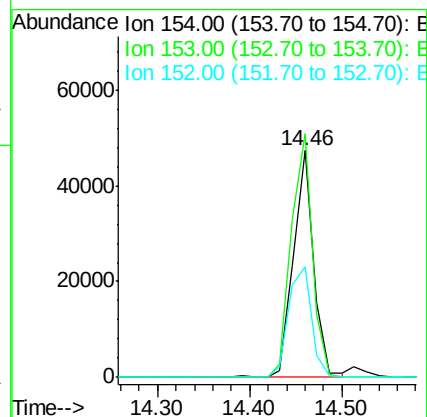
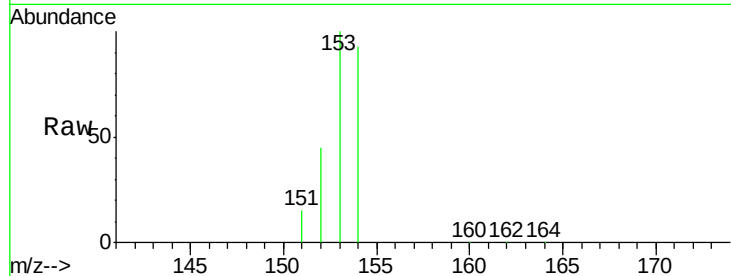




#17
Acenaphthene
Concen: 3.18 ng
RT: 14.46 min Scan# 823
Delta R.T. -0.01 min
Lab File: BE091845.D
Acq: 23 May 2016 13:44

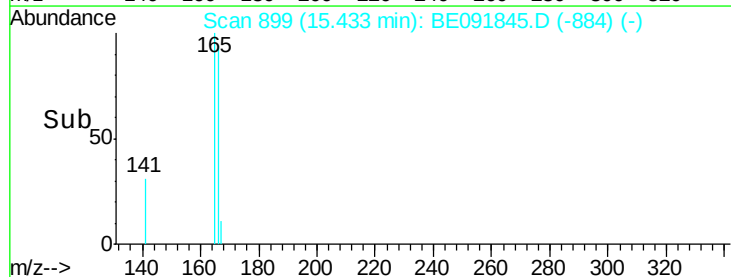
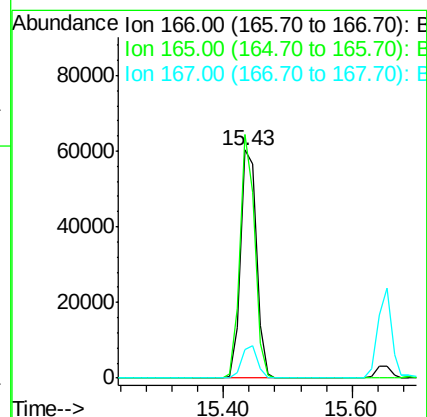
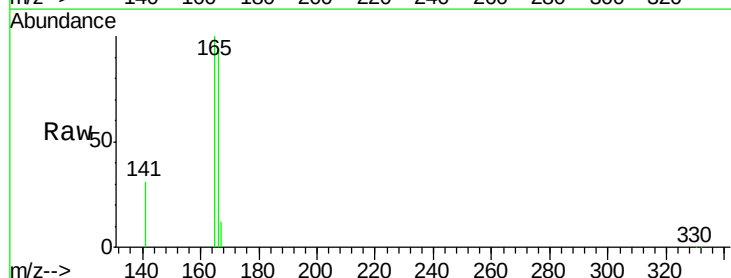
Instrument :
BNA_E
ClientSampleId :
PB90761BS

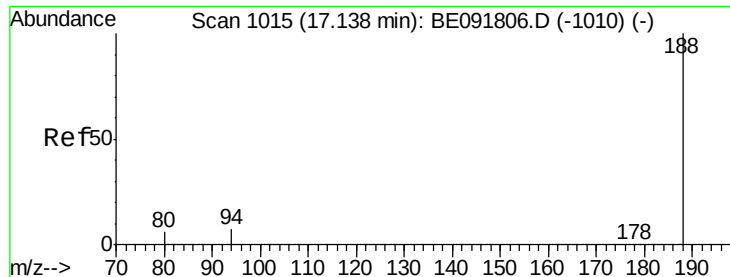
Tgt Ion:154 Resp: 72404
Ion Ratio Lower Upper
154 100
153 112.0 80.0 120.0
152 55.1 40.0 60.0



#18
Fluorene
Concen: 3.43 ng
RT: 15.43 min Scan# 899
Delta R.T. -0.02 min
Lab File: BE091845.D
Acq: 23 May 2016 13:44

Tgt Ion:166 Resp: 101320
Ion Ratio Lower Upper
166 100
165 98.3 80.8 121.2
167 13.5 10.9 16.3





#19

Phenanthrene-d10

Concen: 5.00 ng

RT: 17.14 min Scan# 1015

Delta R.T. -0.01 min

Lab File: BE091845.D

Acq: 23 May 2016 13:44

Instrument :

BNA_E

ClientSampleId :

PB90761BS

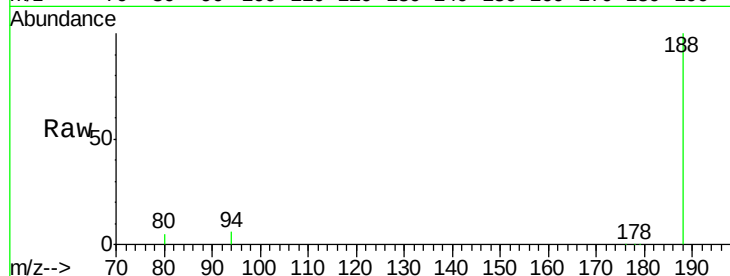
Tgt Ion:188 Resp: 254254

Ion Ratio Lower Upper

188 100

94 5.6 8.7 13.1#

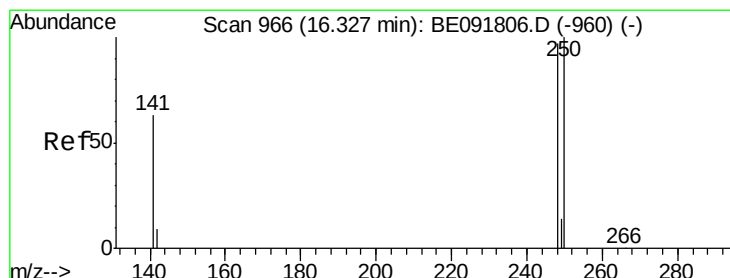
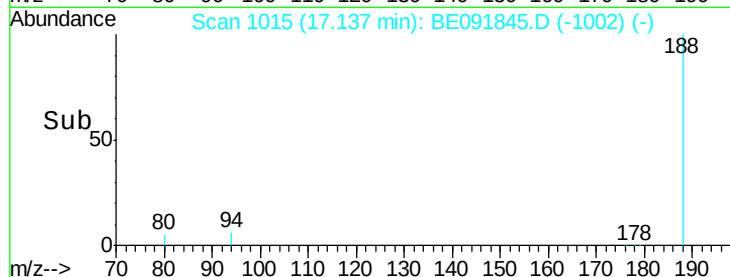
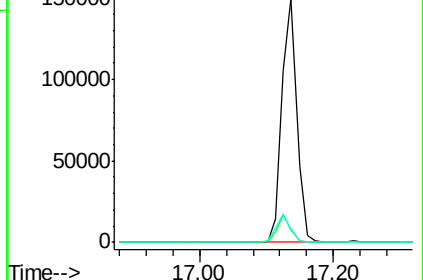
80 4.9 9.4 14.0#



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: 3.20 ng

RT: 16.31 min Scan# 965

Delta R.T. -0.02 min

Lab File: BE091845.D

Acq: 23 May 2016 13:44

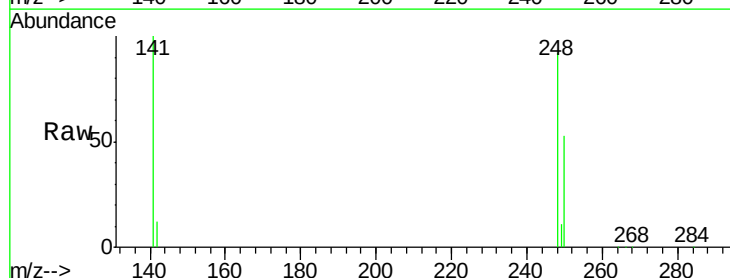
Tgt Ion:248 Resp: 30465

Ion Ratio Lower Upper

248 100

250 99.7 80.5 120.7

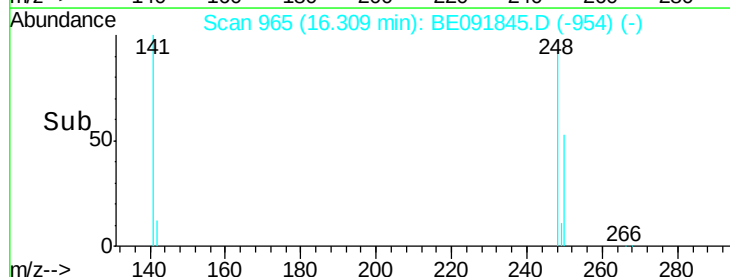
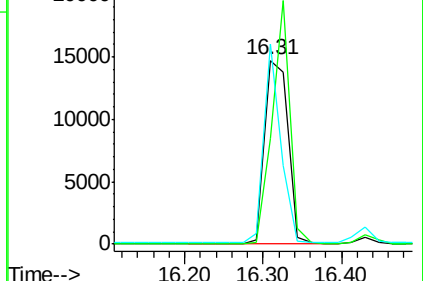
141 78.8 72.0 108.0

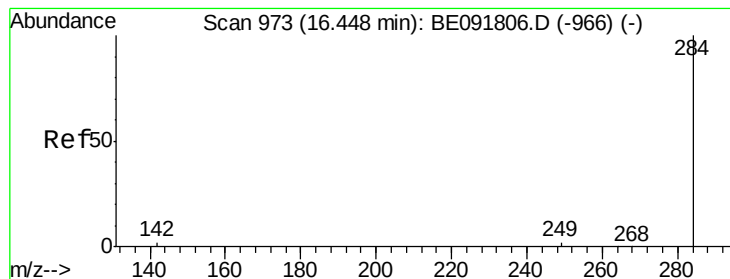


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 3.09 ng

RT: 16.45 min Scan# 973

Delta R.T. 0.00 min

Lab File: BE091845.D

Acq: 23 May 2016 13:44

Instrument :

BNA_E

ClientSampleId :

PB90761BS

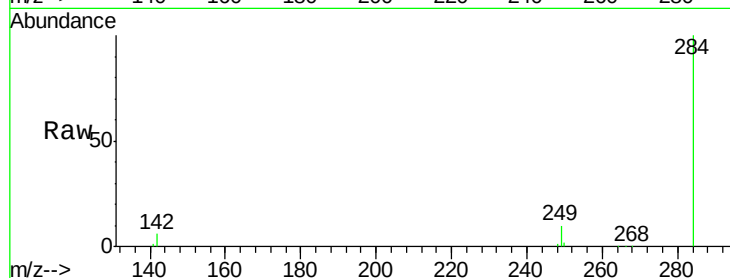
Tgt Ion: 284 Resp: 30541

Ion Ratio Lower Upper

284 100

142 39.0 32.2 48.2

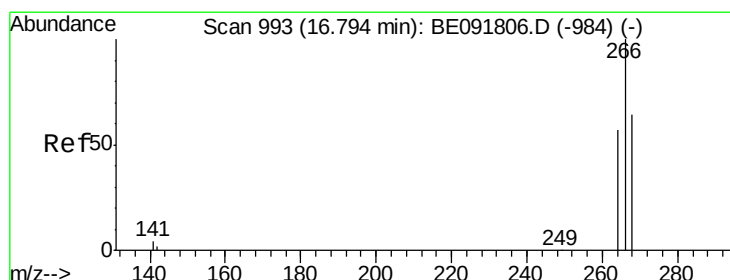
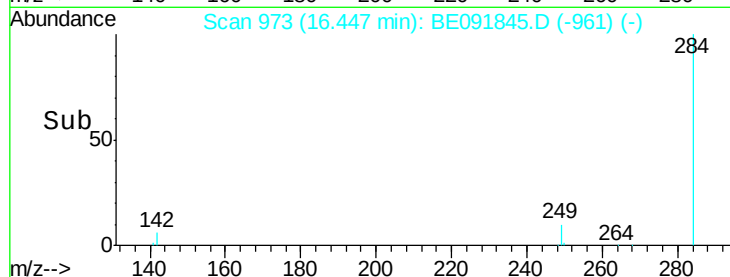
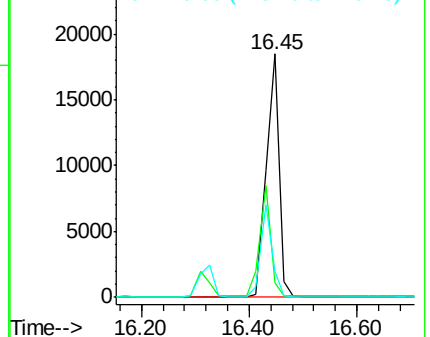
249 32.7 25.4 38.2



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: 6.26 ng

RT: 16.79 min Scan# 993

Delta R.T. 0.00 min

Lab File: BE091845.D

Acq: 23 May 2016 13:44

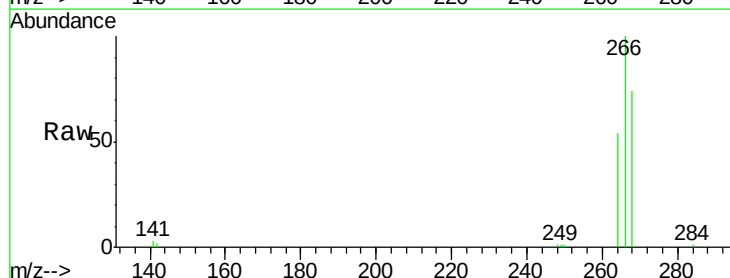
Tgt Ion: 266 Resp: 25601

Ion Ratio Lower Upper

266 100

268 74.5 58.2 87.2

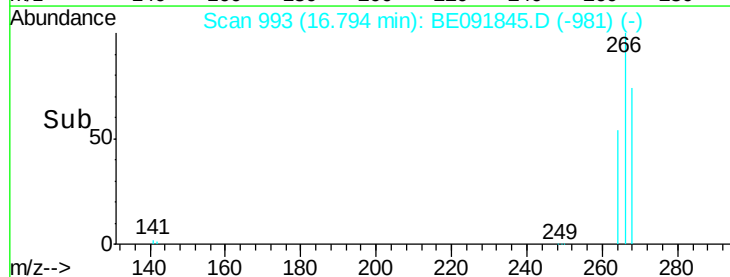
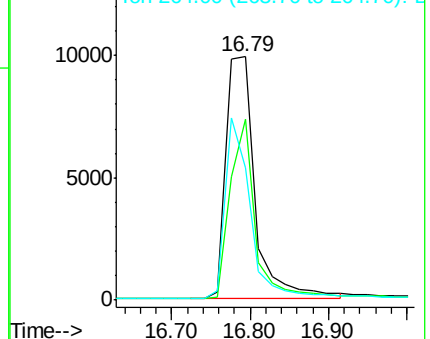
264 54.2 56.2 84.4#

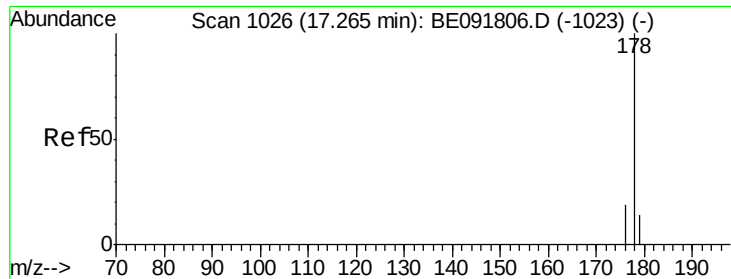


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#23

Phenanthrene

Concen: 3.77 ng

RT: 17.17 min Scan# 1018

Delta R.T. -0.01 min

Lab File: BE091845.D

Acq: 23 May 2016 13:44

Instrument :

BNA_E

ClientSampleId :

PB90761BS

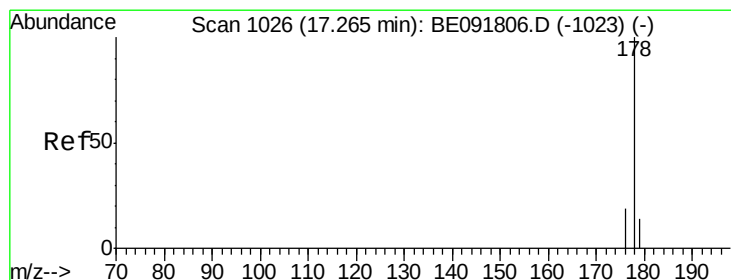
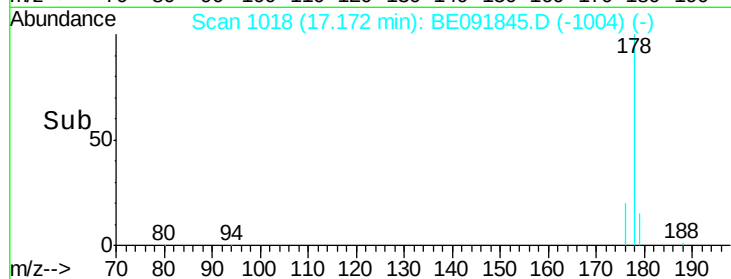
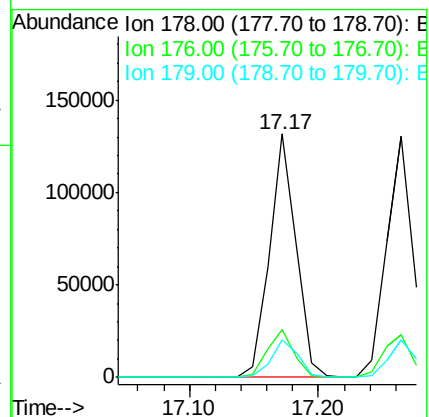
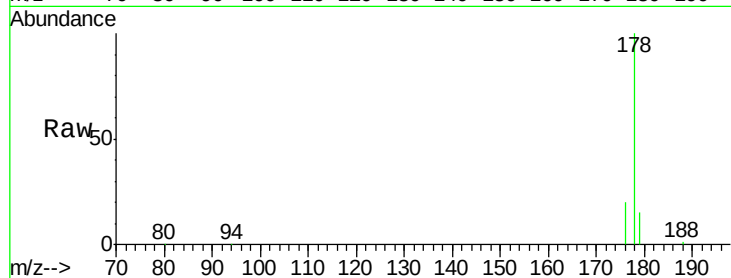
Tgt Ion:178 Resp: 189449

Ion Ratio Lower Upper

178 100

176 19.7 15.3 22.9

179 17.7 12.6 18.8



#24

Anthracene

Concen: 3.40 ng

RT: 17.26 min Scan# 1026

Delta R.T. -0.01 min

Lab File: BE091845.D

Acq: 23 May 2016 13:44

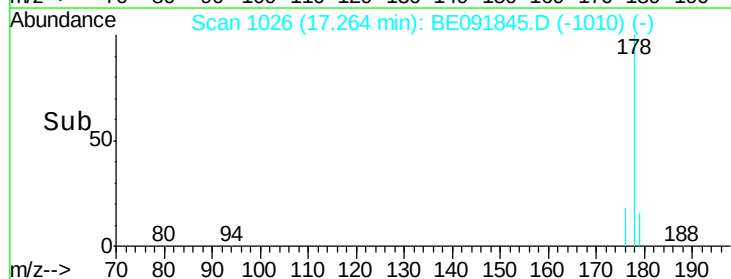
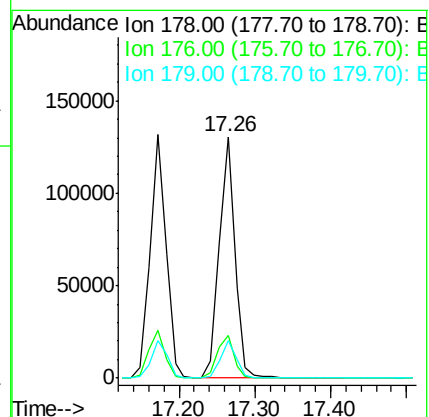
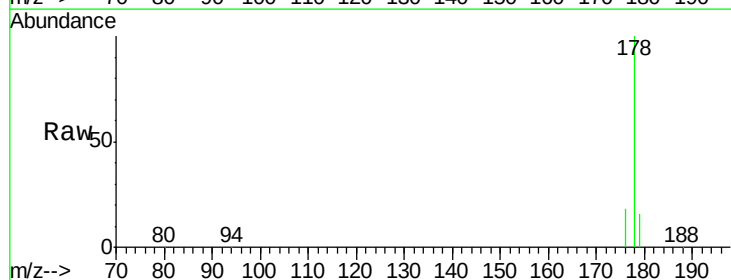
Tgt Ion:178 Resp: 187827

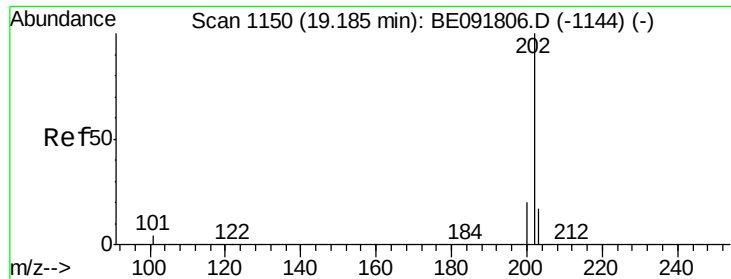
Ion Ratio Lower Upper

178 100

176 18.7 14.6 21.8

179 15.3 11.8 17.6





#25

Fluoranthene

Concen: 3.52 ng

RT: 19.19 min Scan# 1150

Delta R.T. -0.00 min

Lab File: BE091845.D

Acq: 23 May 2016 13:44

Instrument :

BNA_E

ClientSampleId :

PB90761BS

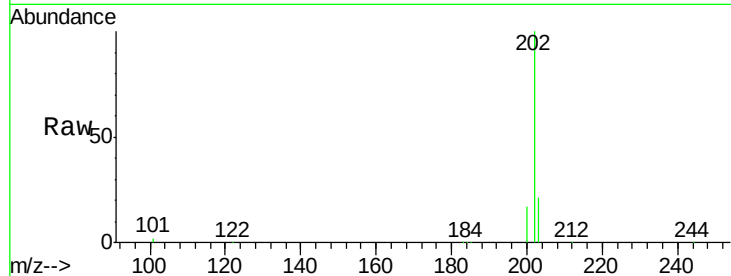
Tgt Ion:202 Resp: 238047

Ion Ratio Lower Upper

202 100

101 11.7 11.0 16.6

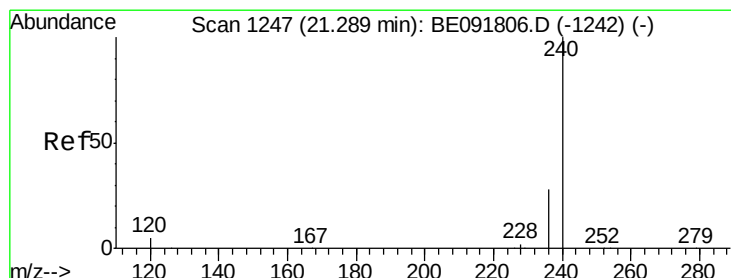
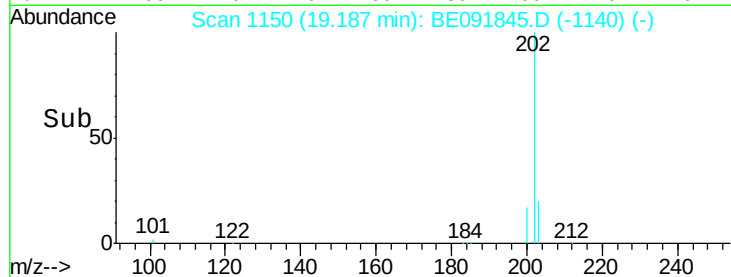
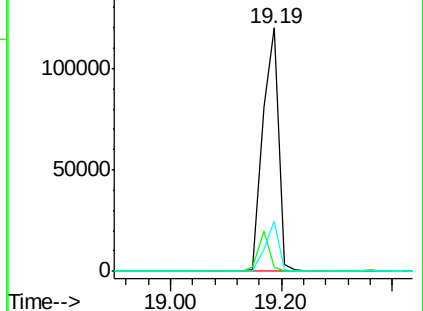
203 18.1 13.9 20.9



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: 21.29 min Scan# 1247

Delta R.T. -0.02 min

Lab File: BE091845.D

Acq: 23 May 2016 13:44

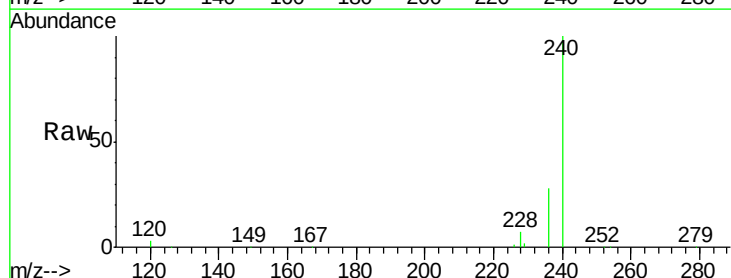
Tgt Ion:240 Resp: 329873

Ion Ratio Lower Upper

240 100

120 3.4 11.0 16.4#

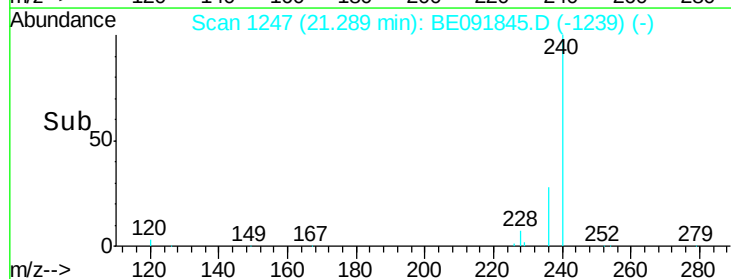
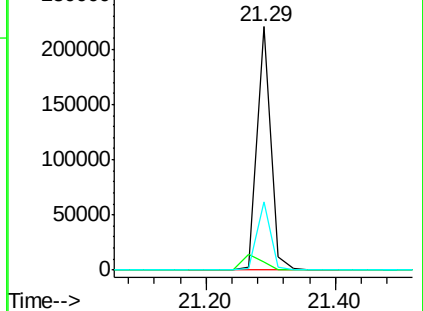
236 27.9 21.7 32.5

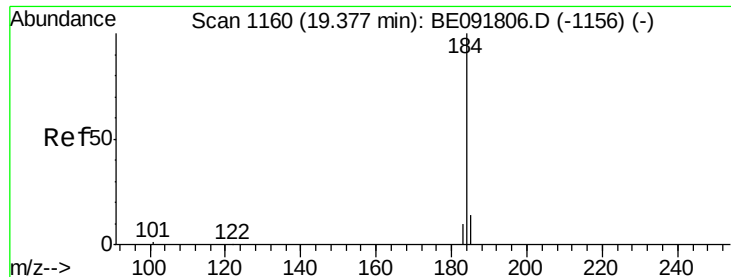


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#27

Benzidine

Concen: 4.20 ng

RT: 19.36 min Scan# 1159

Delta R.T. -0.02 min

Lab File: BE091845.D

Acq: 23 May 2016 13:44

Instrument :

BNA_E

ClientSampleId :

PB90761BS

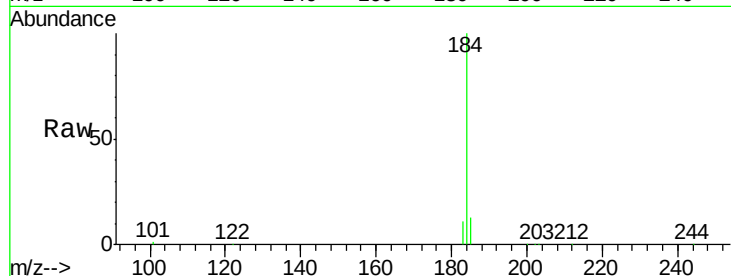
Tgt Ion:184 Resp: 125215

Ion Ratio Lower Upper

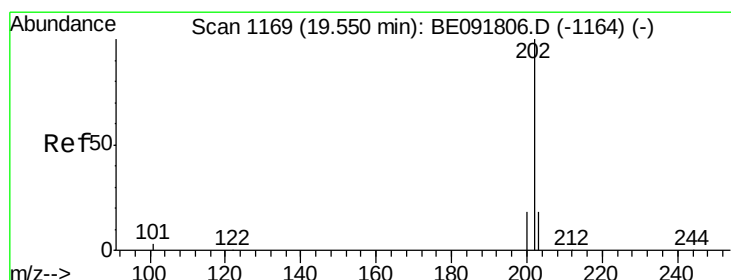
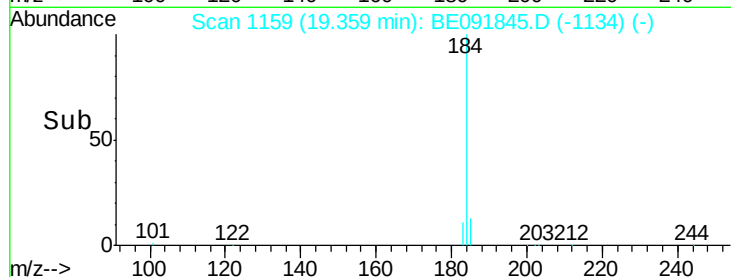
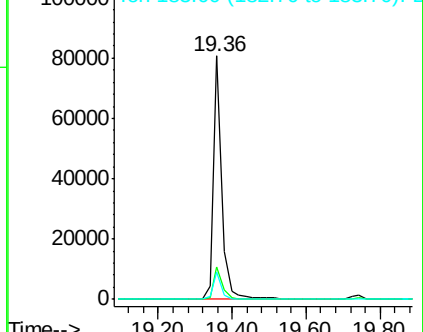
184 100

185 13.4 22.3 33.5#

183 11.1 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: 3.37 ng

RT: 19.53 min Scan# 1168

Delta R.T. -0.02 min

Lab File: BE091845.D

Acq: 23 May 2016 13:44

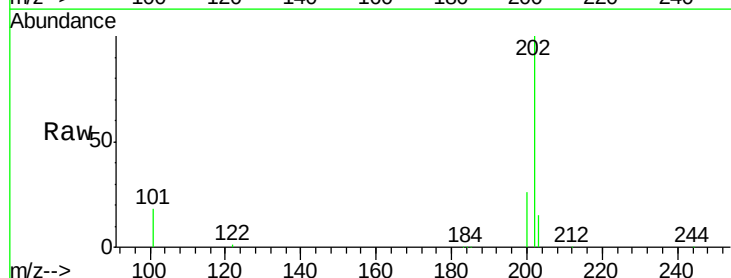
Tgt Ion:202 Resp: 243701

Ion Ratio Lower Upper

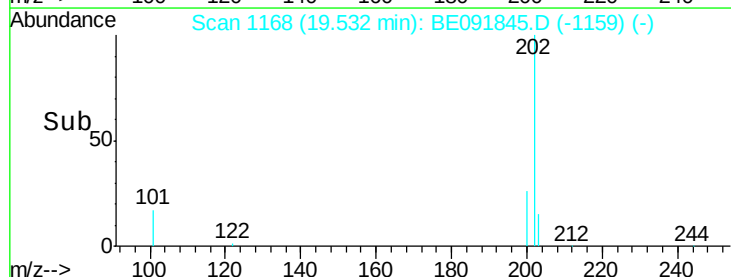
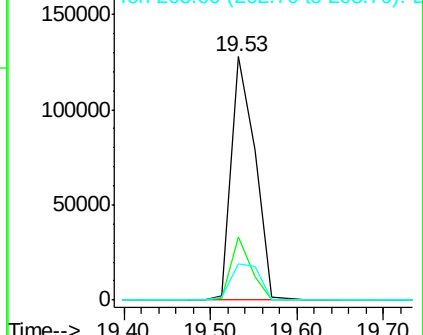
202 100

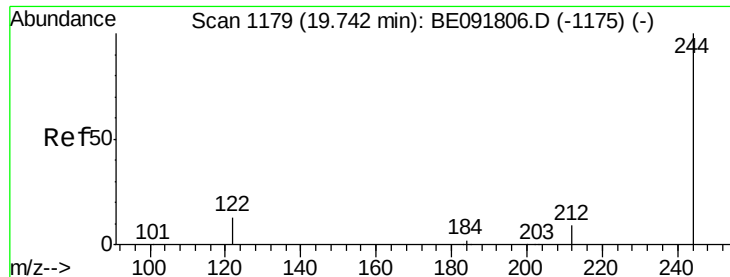
200 22.0 16.8 25.2

203 18.1 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: 3.65 ng

RT: 19.74 min Scan# 1179

Delta R.T. -0.02 min

Lab File: BE091845.D

Acq: 23 May 2016 13:44

Instrument :

BNA_E

ClientSampleId :

PB90761BS

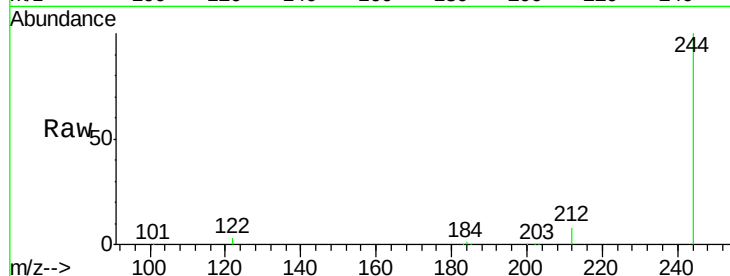
Tgt Ion:244 Resp: 170481

Ion Ratio Lower Upper

244 100

212 8.3 6.9 10.3

122 3.4 11.0 16.4#

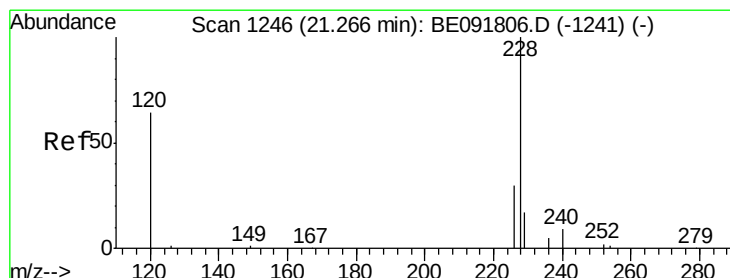
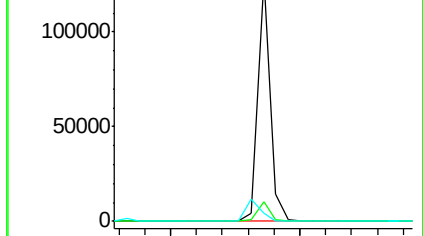
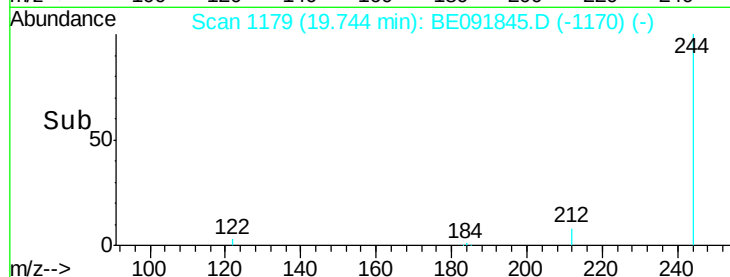


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

19.74



#30

Benzo(a)anthracene

Concen: 6.55 ng

RT: 21.27 min Scan# 1246

Delta R.T. -0.02 min

Lab File: BE091845.D

Acq: 23 May 2016 13:44

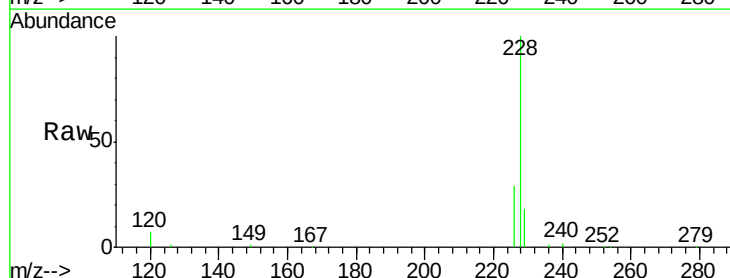
Tgt Ion:228 Resp: 521020

Ion Ratio Lower Upper

228 100

226 28.9 21.0 31.4

229 17.7 15.7 23.5

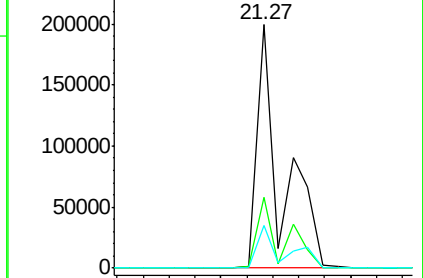
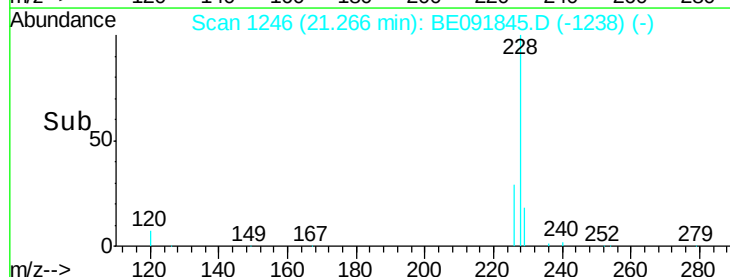


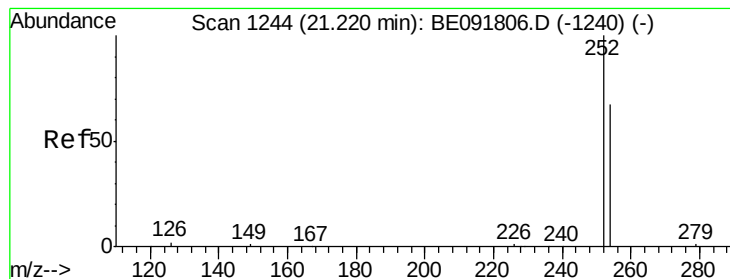
Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

21.27

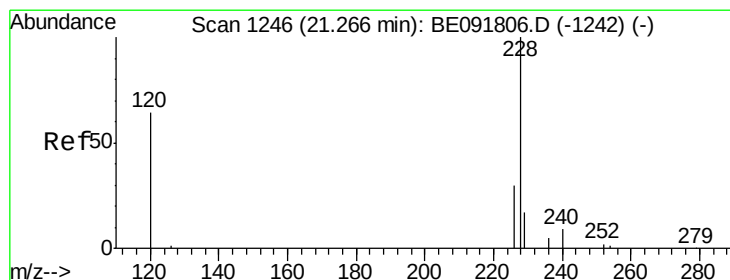
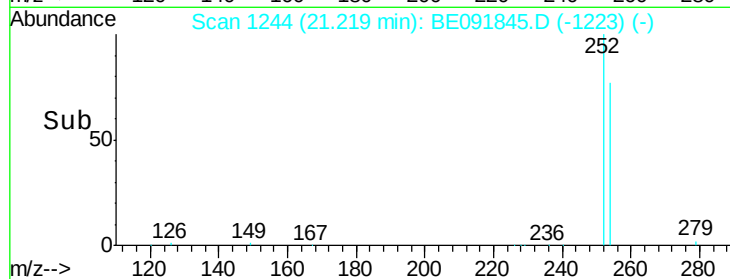
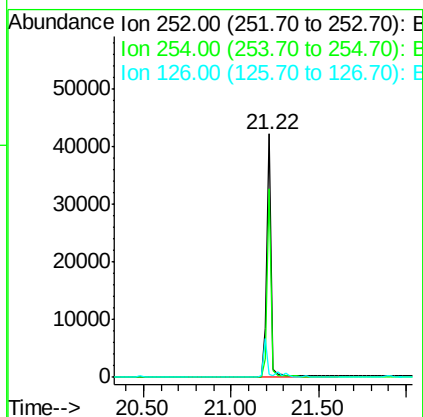
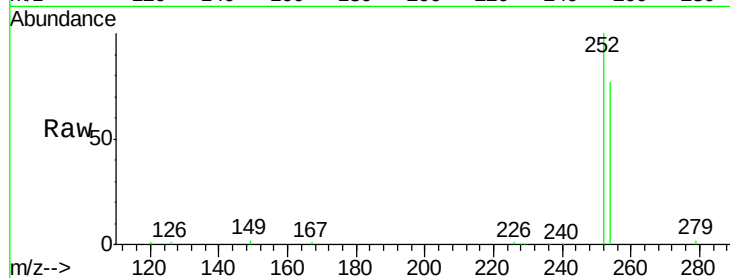




#31
 3,3'-Dichlorobenzidine
 Concen: 1.48 ng
 RT: 21.22 min Scan# 1244
 Delta R.T. -0.02 min
 Lab File: BE091845.D
 Acq: 23 May 2016 13:44

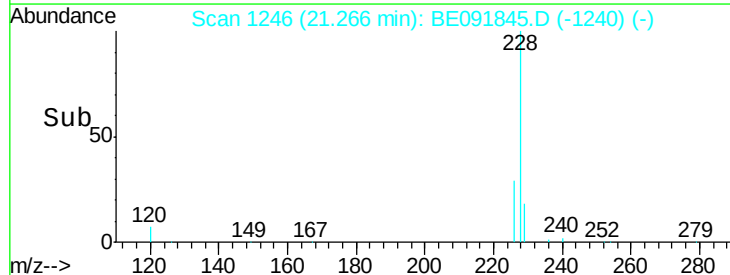
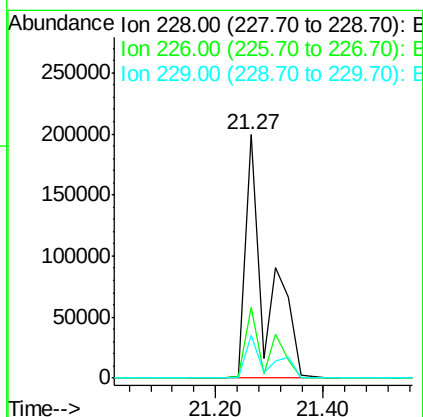
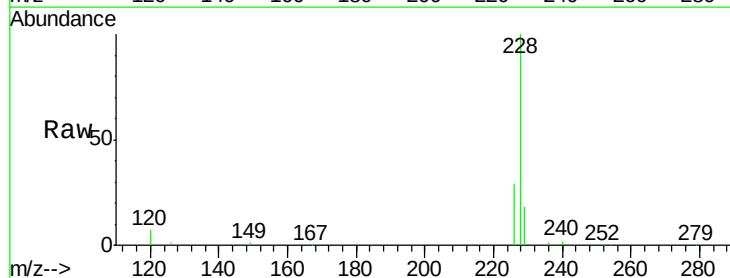
Instrument :
 BNA_E
 ClientSampled :
 PB90761BS

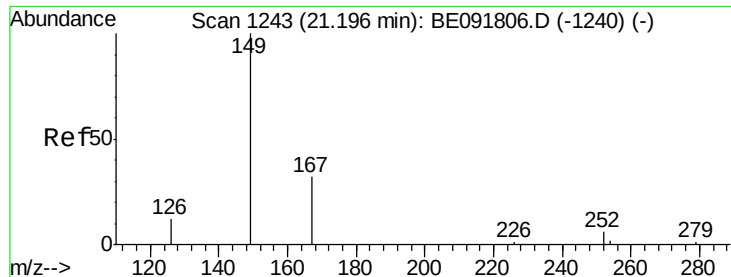
Tgt Ion: 252 Resp: 75147
 Ion Ratio Lower Upper
 252 100
 254 77.4 51.1 76.7#
 126 1.2 12.6 18.8#



#32
 Chrysene
 Concen: 7.63 ng
 RT: 21.27 min Scan# 1246
 Delta R.T. -0.07 min
 Lab File: BE091845.D
 Acq: 23 May 2016 13:44

Tgt Ion: 228 Resp: 522641
 Ion Ratio Lower Upper
 228 100
 226 28.9 24.0 36.0
 229 17.7 15.9 23.9

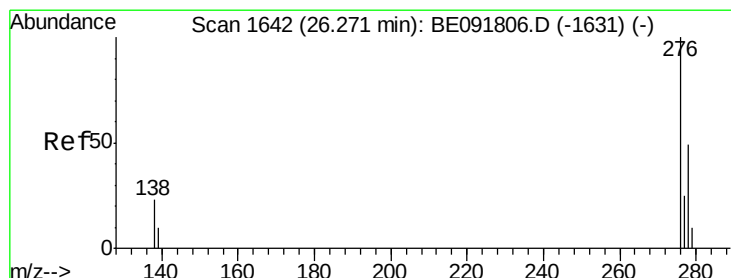
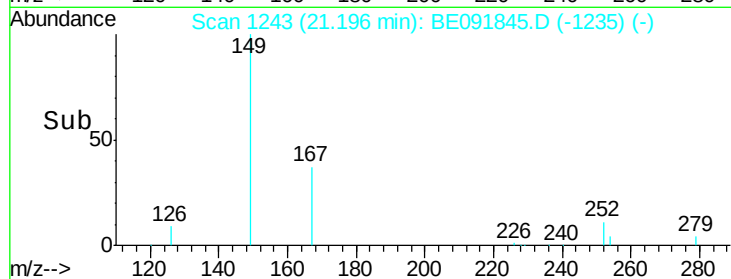
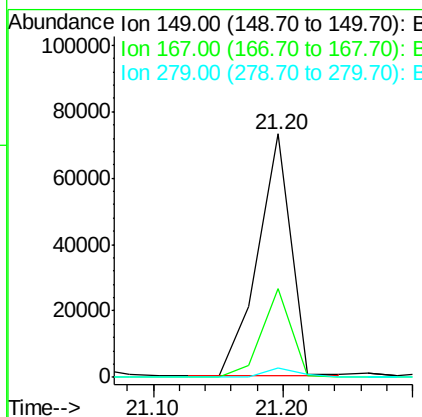
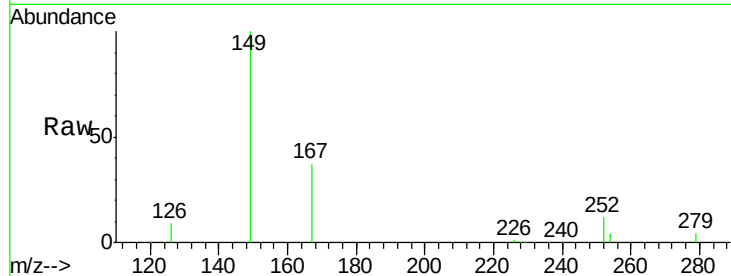




#33
 Bis(2-ethylhexyl)phthalate
 Concen: 2.97 ng
 RT: 21.20 min Scan# 1243
 Delta R.T. -0.02 min
 Lab File: BE091845.D
 Acq: 23 May 2016 13:44

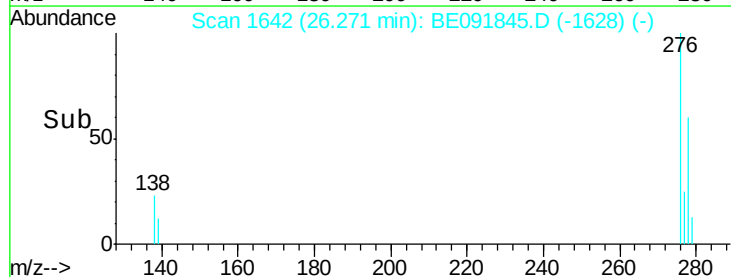
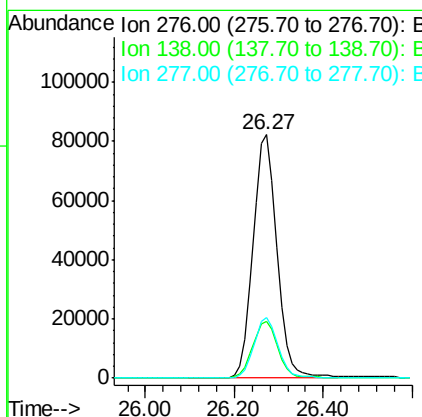
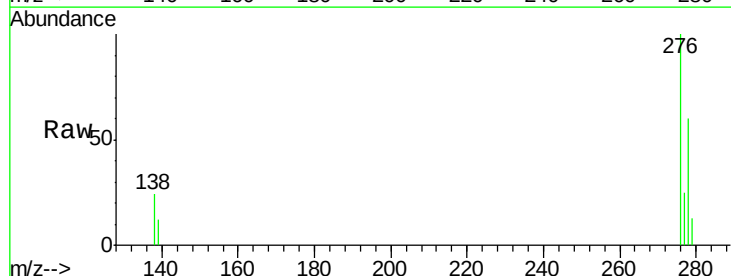
Instrument :
 BNA_E
 ClientSampleId :
 PB90761BS

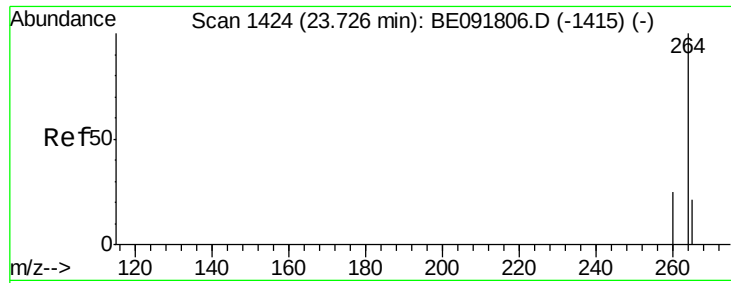
Tgt Ion:149 Resp: 130178
 Ion Ratio Lower Upper
 149 100
 167 32.0 19.5 29.3#
 279 3.6 10.0 15.0#



#34
 Indeno(1,2,3-cd)pyrene
 Concen: 3.67 ng
 RT: 26.27 min Scan# 1642
 Delta R.T. -0.03 min
 Lab File: BE091845.D
 Acq: 23 May 2016 13:44

Tgt Ion:276 Resp: 299199
 Ion Ratio Lower Upper
 276 100
 138 24.4 23.4 35.2
 277 24.8 19.8 29.8

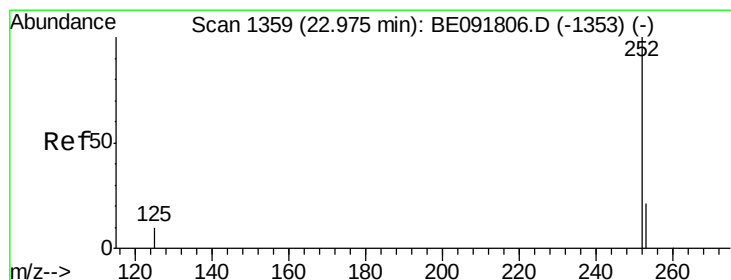
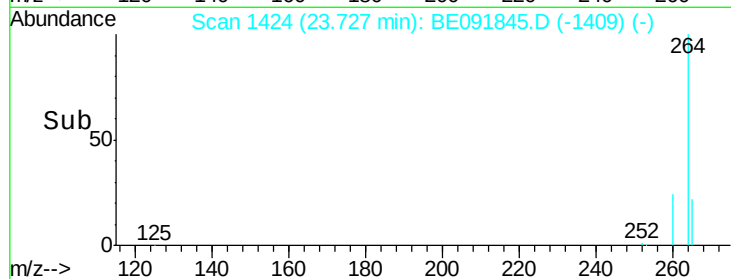
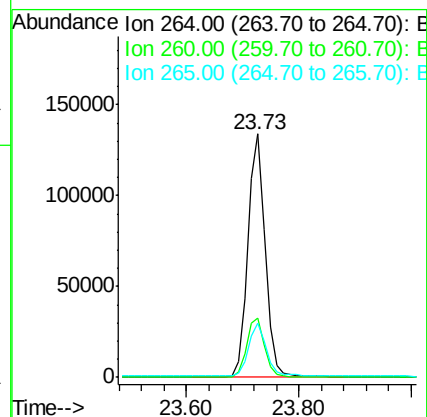
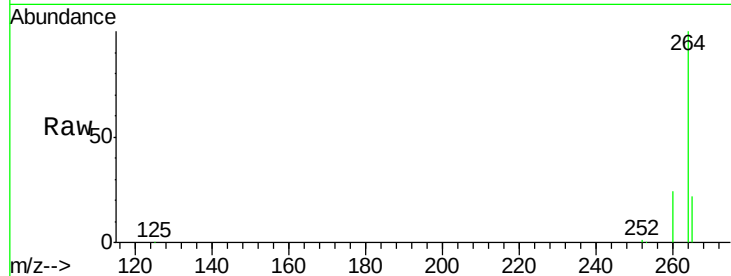




#35
 Perylene-d12
 Concen: 5.00 ng
 RT: 23.73 min Scan# 1424
 Delta R.T. -0.02 min
 Lab File: BE091845.D
 Acq: 23 May 2016 13:44

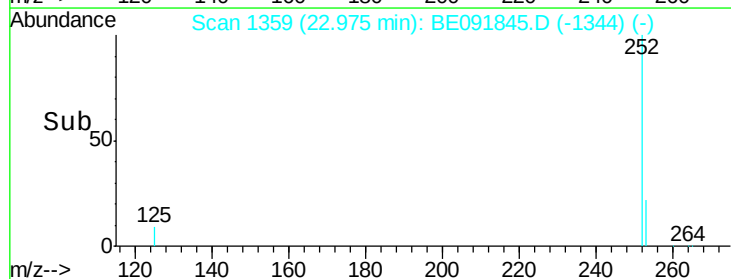
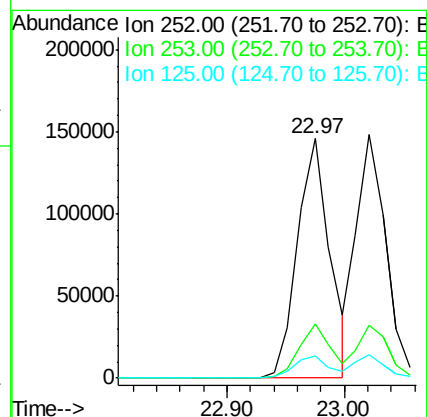
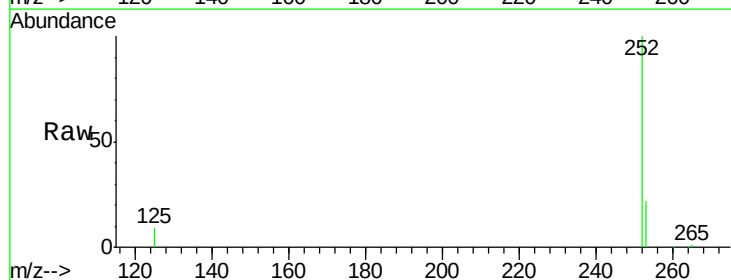
Instrument :
 BNA_E
 ClientSampleId :
 PB90761BS

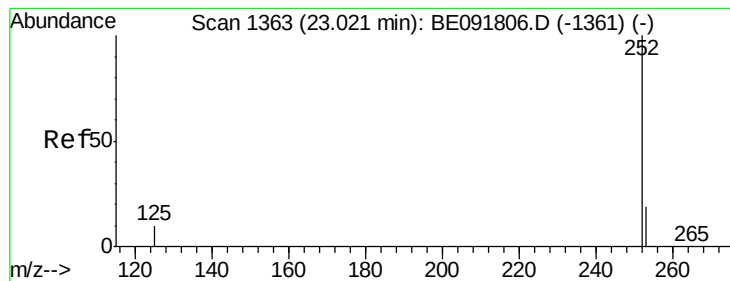
Tgt Ion: 264 Resp: 290631
 Ion Ratio Lower Upper
 264 100
 260 24.4 20.0 30.0
 265 22.4 17.5 26.3



#36
 Benzo(b)fluoranthene
 Concen: 3.82 ng
 RT: 22.97 min Scan# 1359
 Delta R.T. -0.02 min
 Lab File: BE091845.D
 Acq: 23 May 2016 13:44

Tgt Ion: 252 Resp: 278056
 Ion Ratio Lower Upper
 252 100
 253 22.4 17.4 26.0
 125 9.2 10.2 15.2#





#37

Benzo(k)fluoranthene

Concen: 3.50 ng

RT: 23.02 min Scan# 1363

Delta R.T. -0.02 min

Lab File: BE091845.D

Acq: 23 May 2016 13:44

Instrument :

BNA_E

ClientSampleId :

PB90761BS

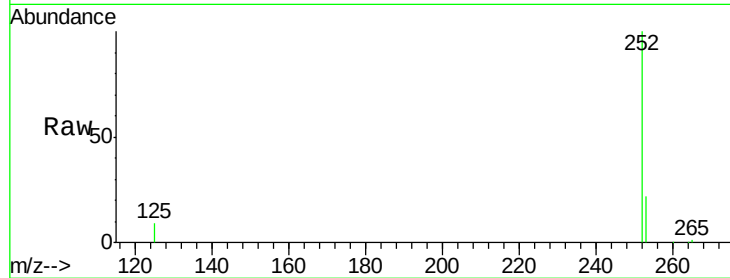
Tgt Ion:252 Resp: 260598

Ion Ratio Lower Upper

252 100

253 21.9 17.6 26.4

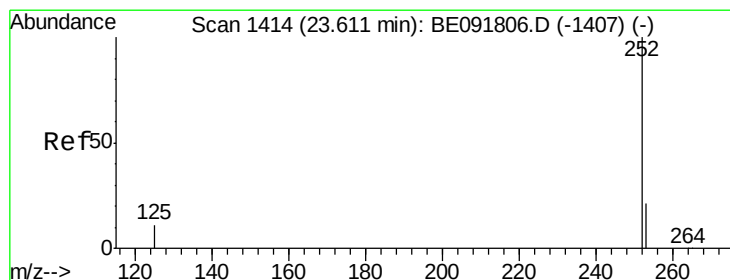
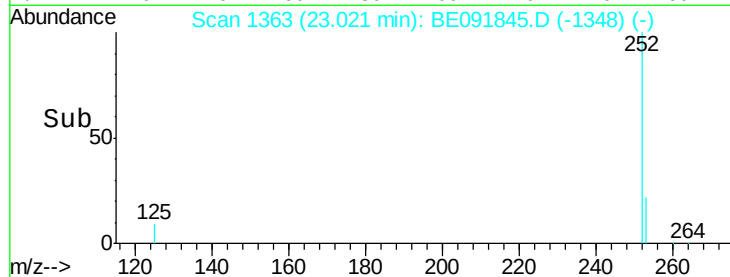
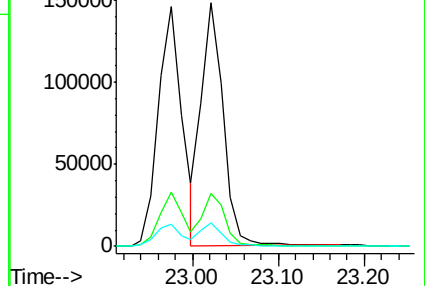
125 9.5 9.9 14.9#



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: 3.75 ng

RT: 23.61 min Scan# 1414

Delta R.T. -0.02 min

Lab File: BE091845.D

Acq: 23 May 2016 13:44

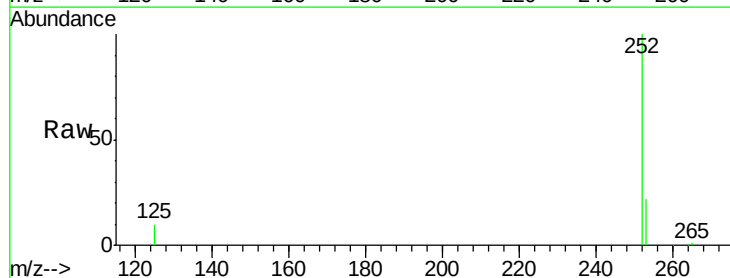
Tgt Ion:252 Resp: 260219

Ion Ratio Lower Upper

252 100

253 22.3 18.1 27.1

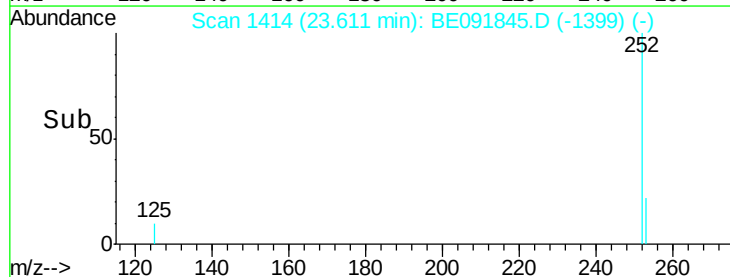
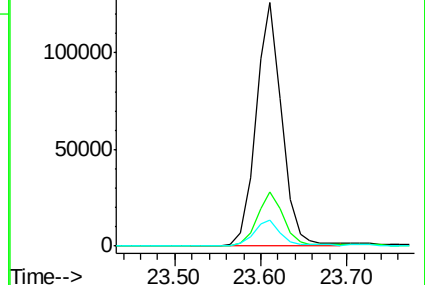
125 10.5 11.0 16.4#

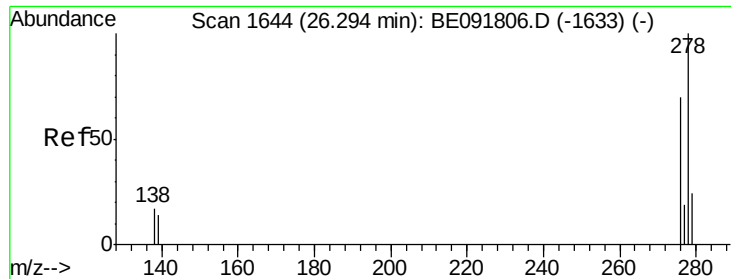


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#39

Dibenzo(a,h)anthracene

Concen: 3.68 ng

RT: 26.29 min Scan# 1644

Delta R.T. -0.05 min

Lab File: BE091845.D

Acq: 23 May 2016 13:44

Instrument :

BNA_E

ClientSampleId :

PB90761BS

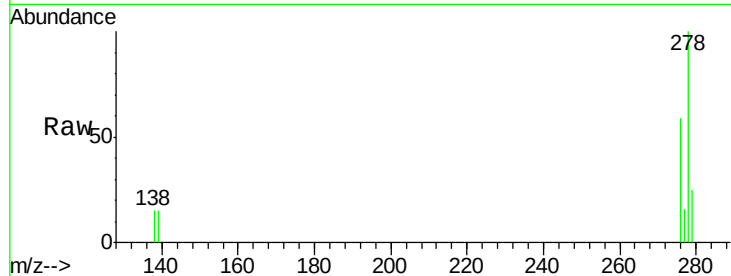
Tgt Ion: 278 Resp: 249301

Ion Ratio Lower Upper

278 100

139 14.9 16.0 24.0#

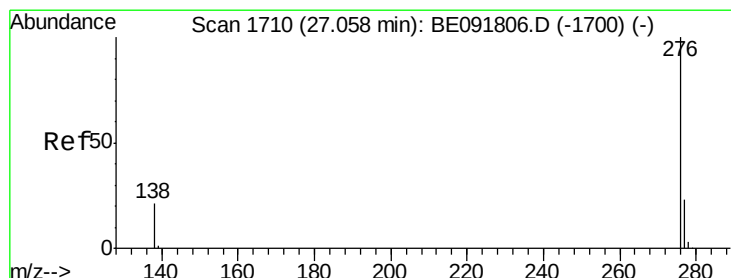
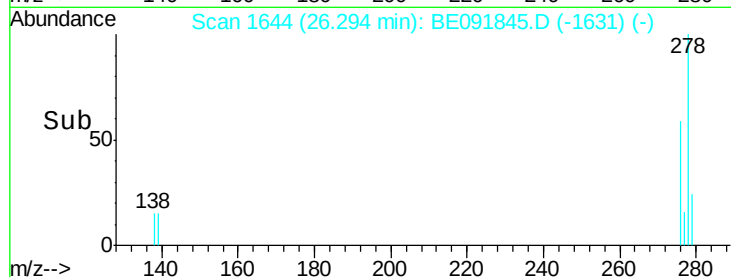
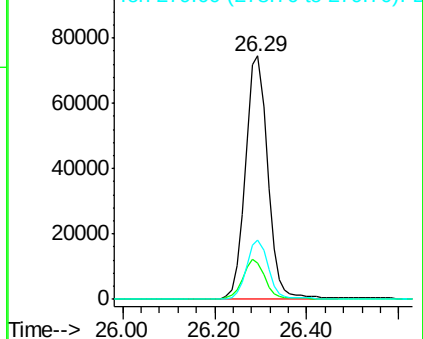
279 24.5 19.4 29.2



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: 3.60 ng

RT: 27.06 min Scan# 1710

Delta R.T. -0.05 min

Lab File: BE091845.D

Acq: 23 May 2016 13:44

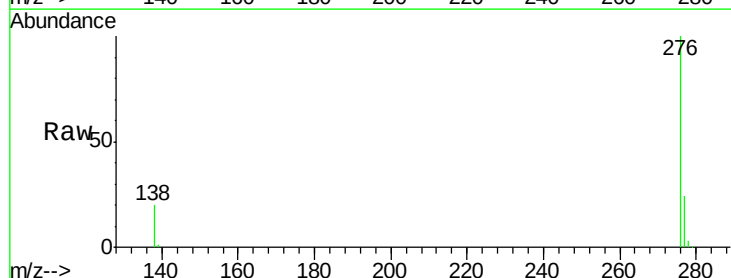
Tgt Ion: 276 Resp: 251680

Ion Ratio Lower Upper

276 100

277 23.8 18.6 28.0

138 19.8 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

