

Data Path : Z:\HPCHEM1\BNA_E\Data\BE051916\
 Data File : BE091836.D
 Acq On : 20 May 2016 14:10
 Operator : UM/SJ
 Sample : PB90761BS
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB90761BS

Quant Time: May 20 16:59:51 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	7.78	152	33414	5.00	ng	-0.02
7) Naphthalene-d8	10.57	136	169994	5.00	ng	0.00
13) Acenaphthene-d10	14.40	164	101918	5.00	ng	-0.01
19) Phenanthrene-d10	17.14	188	262955	5.00	ng	-0.01
26) Chrysene-d12	21.29	240	240468	5.00	ng	-0.02
35) Perylene-d12	23.74	264	257708	5.00	ng	-0.01

System Monitoring Compounds						
4) 2-Fluorophenol	5.39	112	55663	6.37	ng	0.00
5) Phenol-d6	6.97	99	87866	7.14	ng	0.02
8) Nitrobenzene-d5	8.95	82	42046	3.73	ng	0.00
14) 2,4,6-Tribromophenol	15.88	330	28044	7.09	ng	-0.01
15) 2-Fluorobiphenyl	13.02	172	99844	3.46	ng	-0.01
29) Terphenyl-d14	19.74	244	139258	4.09	ng	-0.02

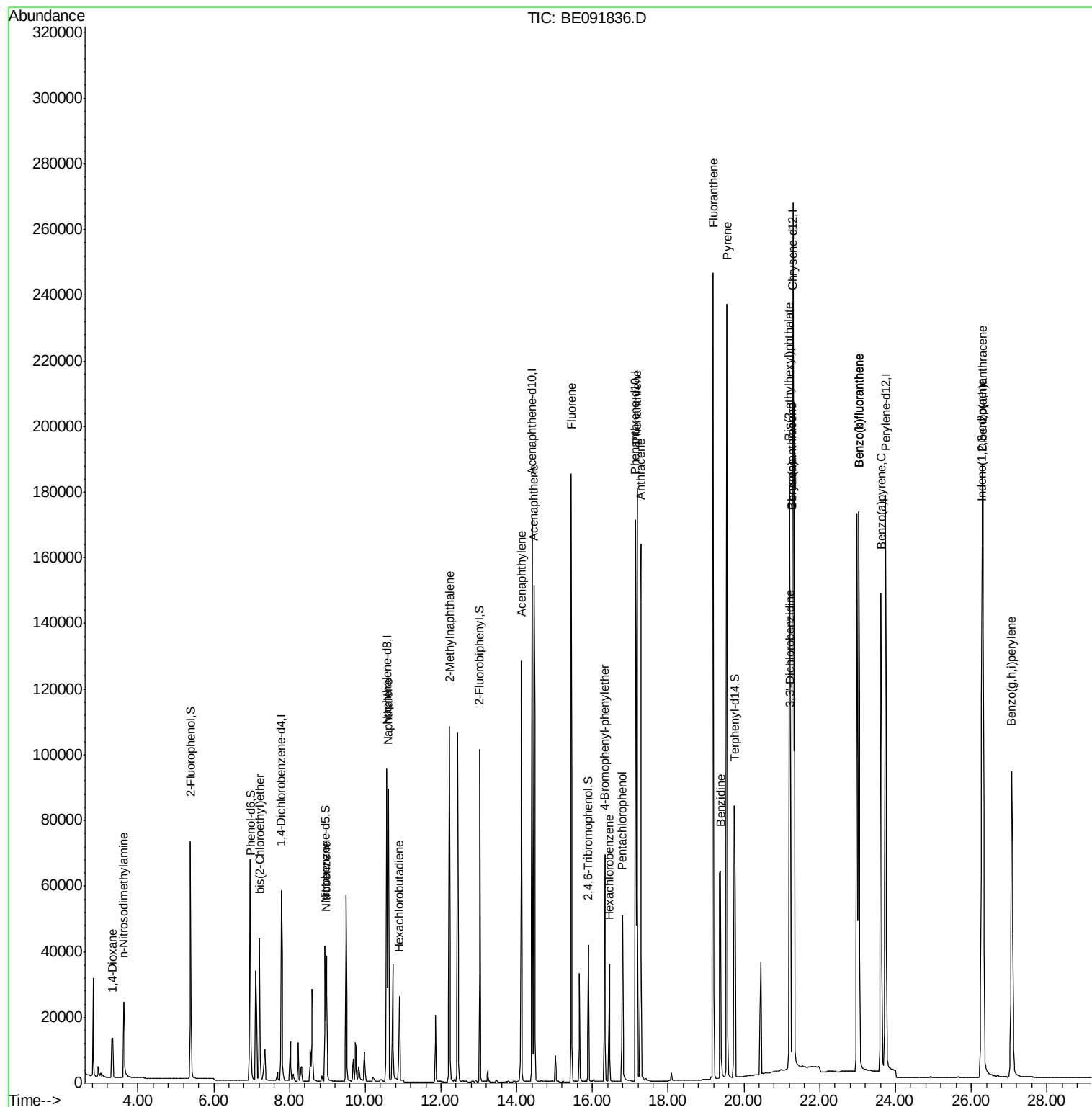
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.33	88	11086	3.03	ng	95
3) n-Nitrosodimethylamine	3.63	42	18060	3.39	ng	# 99
6) bis(2-Chloroethyl)ether	7.21	93	33220	3.37	ng	# 76
9) Nitrobenzene	8.98	77	43916	3.79	ng	92
10) Naphthalene	10.61	128	121216	3.22	ng	98
11) Hexachlorobutadiene	10.90	225	19883	3.57	ng	97
12) 2-Methylnaphthalene	12.23	142	87372	3.45	ng	93
16) Acenaphthylene	14.12	152	154915	3.41	ng	# 86
17) Acenaphthene	14.46	154	86856	3.18	ng	89
18) Fluorene	15.45	166	116073	3.28	ng	98
20) 4-Bromophenyl-phenylether	16.33	248	33448	3.40	ng	93
21) Hexachlorobenzene	16.45	284	33609	3.29	ng	98
22) Pentachlorophenol	16.79	266	34778	8.22	ng	88
23) Phenanthrene	17.18	178	196469	3.78	ng	100
24) Anthracene	17.28	178	198327	3.47	ng	99
25) Fluoranthene	19.19	202	239029	3.42	ng	97
27) Benzidine	19.38	184	129988	5.32	ng	# 77
28) Pyrene	19.55	202	243883	4.62	ng	99
30) Benzo(a)anthracene	21.27	228	249920	4.31	ng	# 86
31) 3,3'-Dichlorobenzidine	21.22	252	87688	2.38	ng	# 93
32) Chrysene	21.27	228	249821	5.02	ng	# 91
33) Bis(2-ethylhexyl)phthalate	21.20	149	191457	5.75	ng	# 83
34) Indeno(1,2,3-cd)pyrene	26.28	276	269781	4.54	ng	96
36) Benzo(b)fluoranthene	23.03	252	228064	3.54	ng	98
37) Benzo(k)fluoranthene	23.03	252	230226	3.49	ng	98
38) Benzo(a)pyrene	23.62	252	235564	3.83	ng	97
39) Dibenzo(a,h)anthracene	26.31	278	226477	3.77	ng	96
40) Benzo(g,h,i)perylene	27.07	276	230299	3.72	ng	96

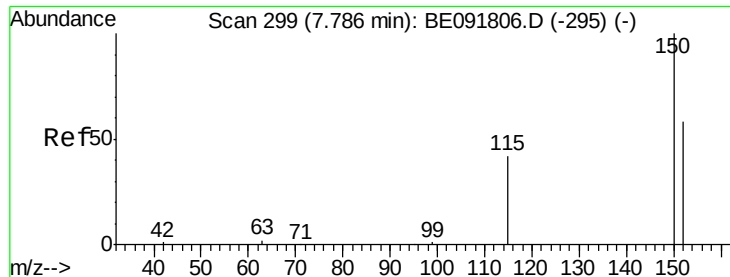
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 7.78 min Scan# 299

Delta R.T. -0.02 min

Lab File: BE091836.D

Acq: 20 May 2016 14:10

Instrument :

BNA_E

ClientSampleId :

PB90761BS

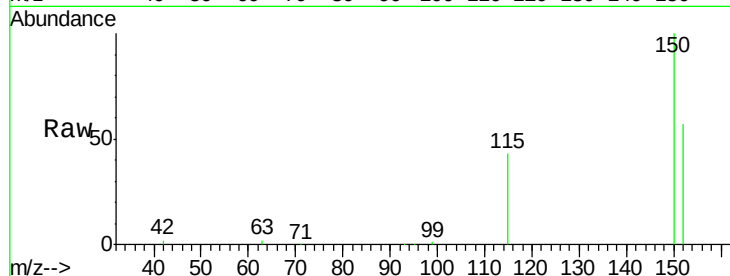
Tgt Ion:152 Resp: 33414

Ion Ratio Lower Upper

152 100

150 175.1 122.6 183.8

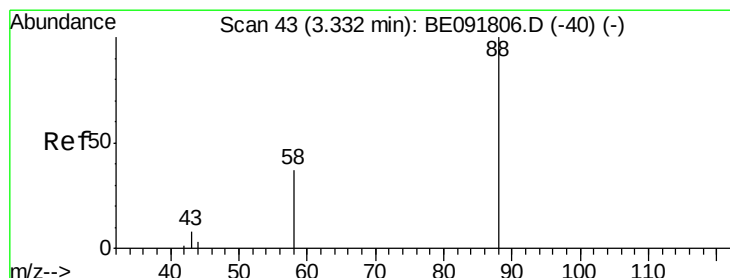
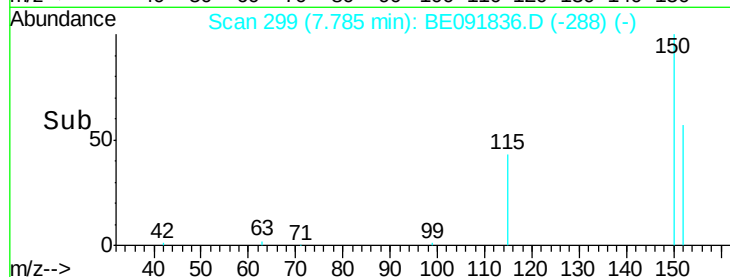
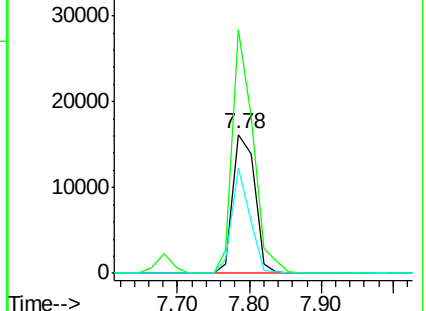
115 76.1 52.8 79.2



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: 3.03 ng

RT: 3.33 min Scan# 43

Delta R.T. 0.00 min

Lab File: BE091836.D

Acq: 20 May 2016 14:10

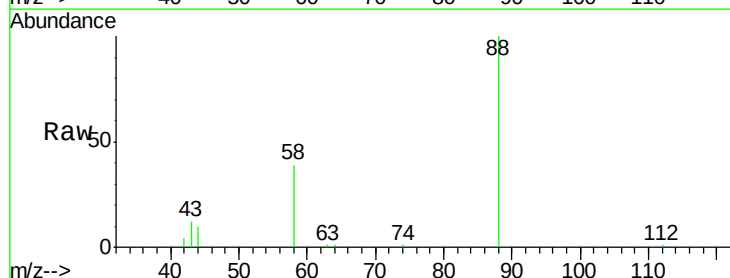
Tgt Ion: 88 Resp: 11086

Ion Ratio Lower Upper

88 100

58 86.0 65.8 98.6

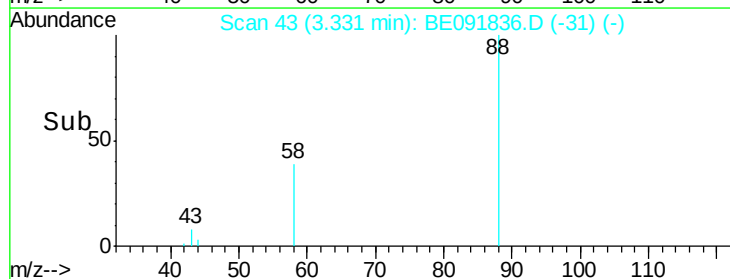
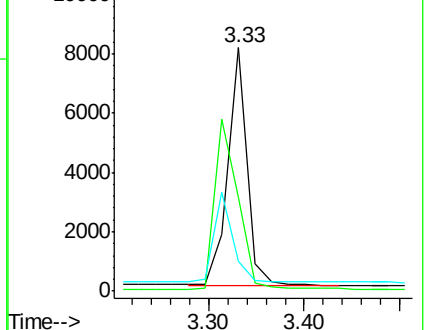
43 36.4 25.3 37.9

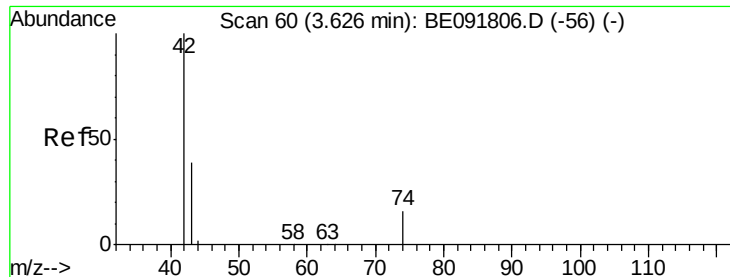


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#3

n-Nitrosodimethylamine

Concen: 3.39 ng

RT: 3.63 min Scan# 60

Delta R.T. 0.00 min

Lab File: BE091836.D

Acq: 20 May 2016 14:10

Instrument :

BNA_E

ClientSampled :

PB90761BS

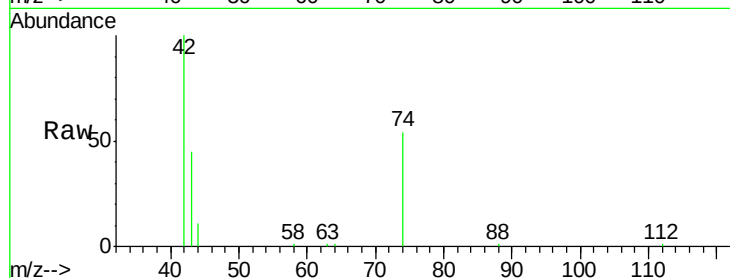
Tgt Ion: 42 Resp: 18060

Ion Ratio Lower Upper

42 100

74 109.1 87.9 131.9

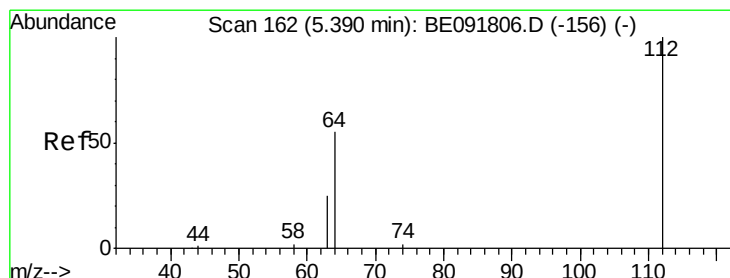
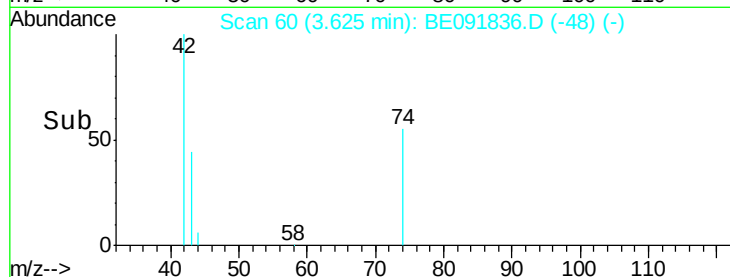
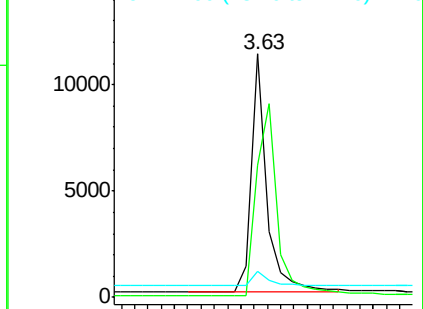
44 6.3 6.6 9.8#



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: 6.37 ng

RT: 5.39 min Scan# 162

Delta R.T. 0.00 min

Lab File: BE091836.D

Acq: 20 May 2016 14:10

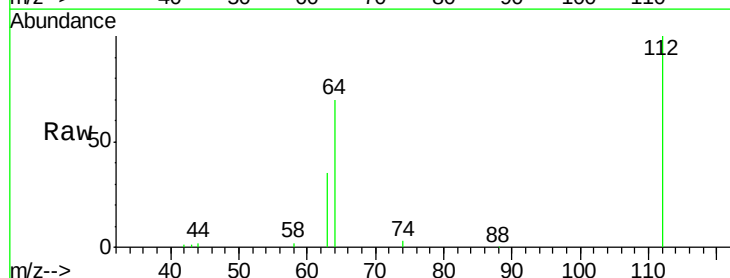
Tgt Ion: 112 Resp: 55663

Ion Ratio Lower Upper

112 100

64 68.0 30.9 46.3#

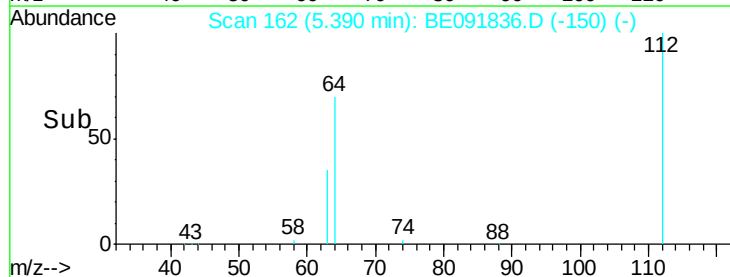
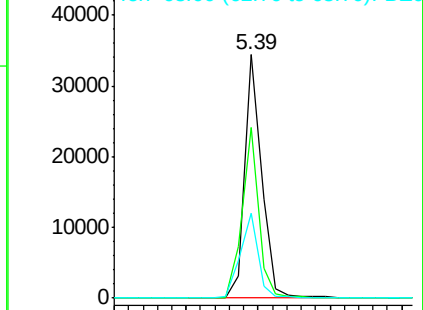
63 35.9 16.7 25.1#

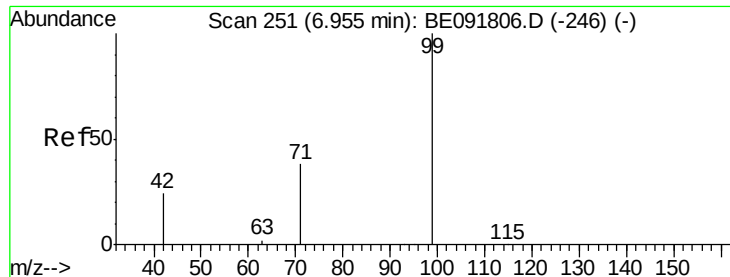


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 7.14 ng

RT: 6.97 min Scan# 252

Delta R.T. 0.02 min

Lab File: BE091836.D

Acq: 20 May 2016 14:10

Instrument :

BNA_E

ClientSampleId :

PB90761BS

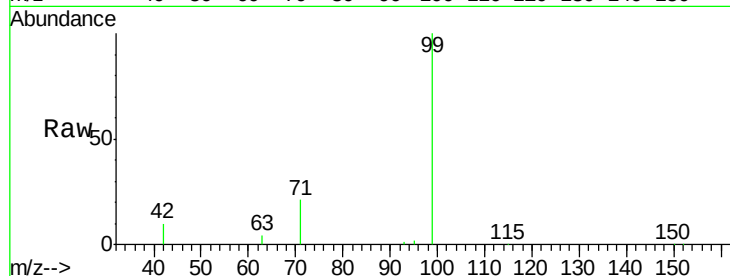
Tgt Ion: 99 Resp: 87866

Ion Ratio Lower Upper

99 100

42 24.1 16.2 24.2

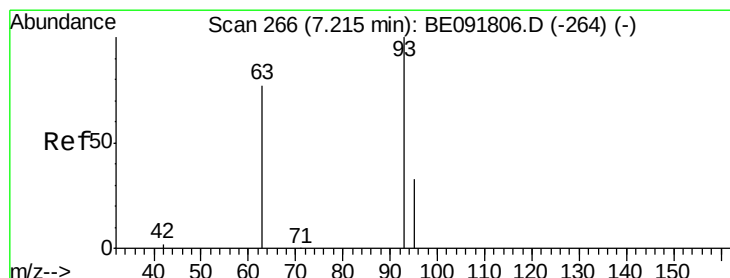
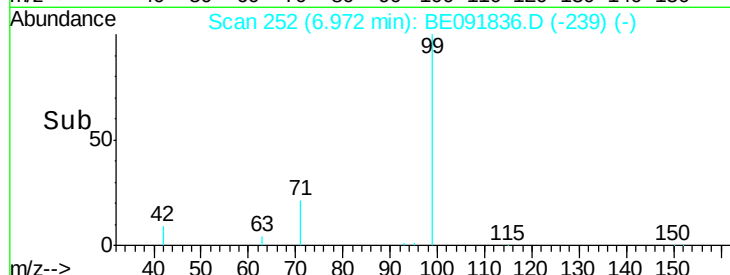
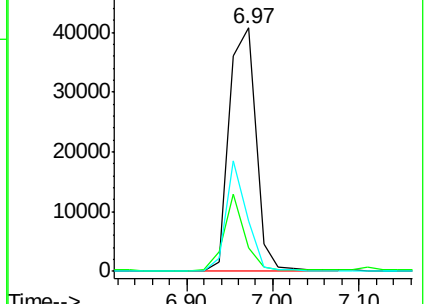
71 35.7 29.0 43.4



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: 3.37 ng

RT: 7.21 min Scan# 266

Delta R.T. -0.00 min

Lab File: BE091836.D

Acq: 20 May 2016 14:10

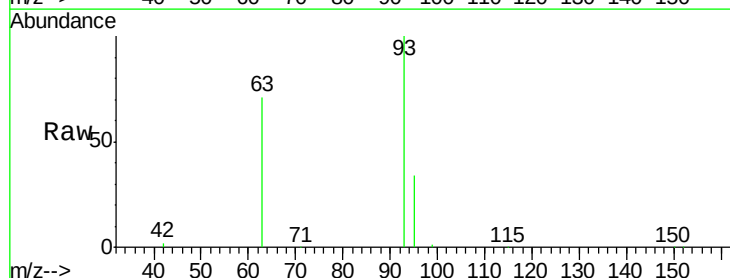
Tgt Ion: 93 Resp: 33220

Ion Ratio Lower Upper

93 100

63 85.3 49.5 74.3#

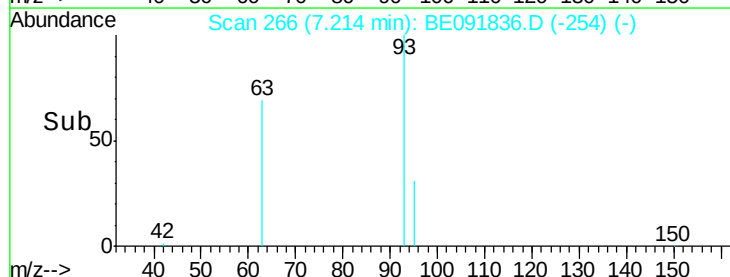
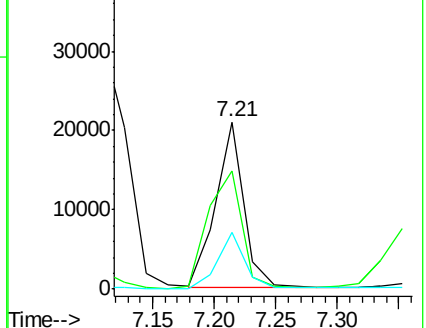
95 32.8 22.2 33.4

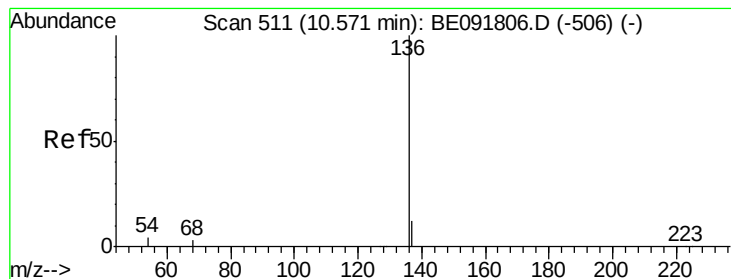


Abundance Ion 93.00 (92.70 to 93.70): BE0

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: BE091836.D

Acq: 20 May 2016 14:10

Instrument :

BNA_E

ClientSampleId :

PB90761BS

Tgt Ion: 136 Resp: 169994

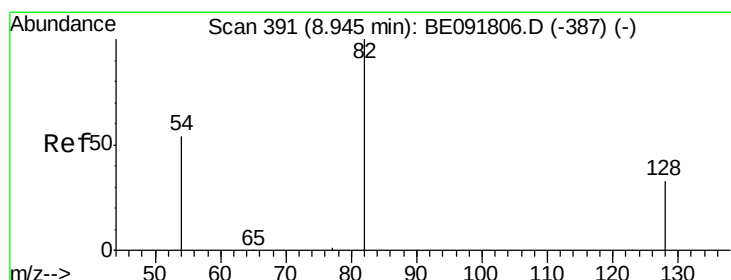
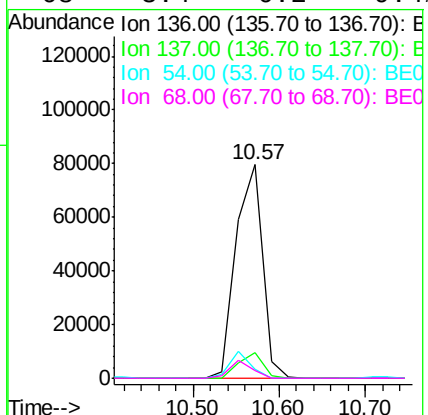
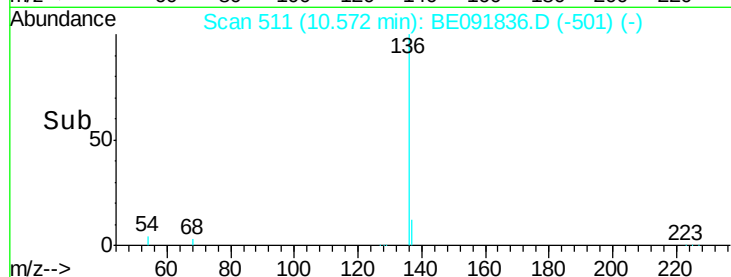
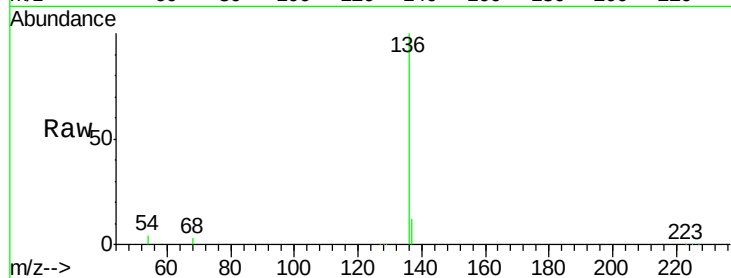
Ion Ratio Lower Upper

136 100

137 12.0 8.9 13.3

54 4.0 8.2 12.4#

68 3.4 6.2 9.4#



#8

Nitrobenzene-d5

Concen: 3.73 ng

RT: 8.95 min Scan# 391

Delta R.T. -0.00 min

Lab File: BE091836.D

Acq: 20 May 2016 14:10

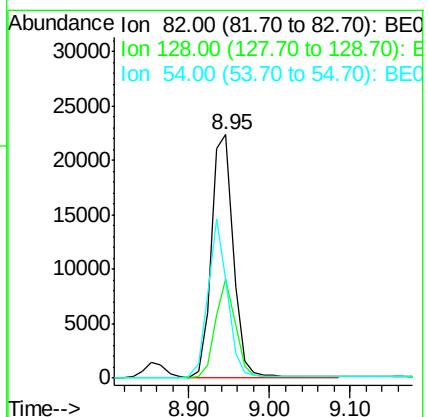
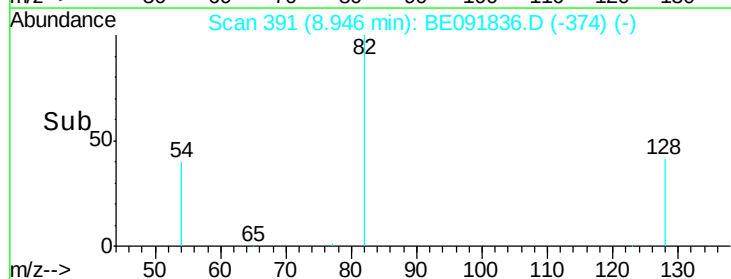
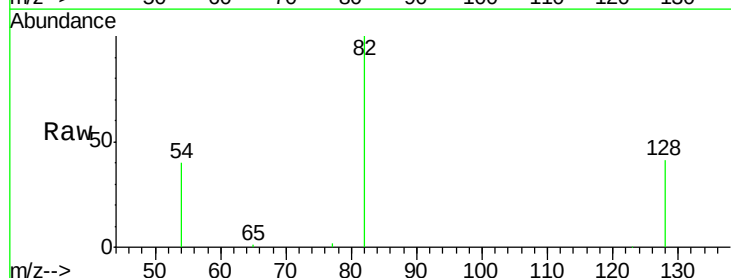
Tgt Ion: 82 Resp: 42046

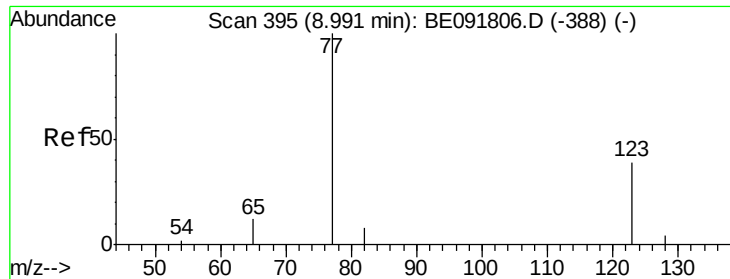
Ion Ratio Lower Upper

82 100

128 40.8 25.4 38.0#

54 40.4 48.4 72.6#





#9

Nitrobenzene

Concen: 3.79 ng

RT: 8.98 min Scan# 394

Delta R.T. -0.01 min

Lab File: BE091836.D

Acq: 20 May 2016 14:10

Instrument :

BNA_E

ClientSampleId :

PB90761BS

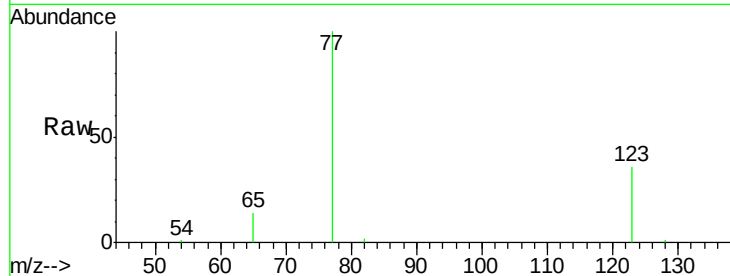
Tgt Ion: 77 Resp: 43916

Ion Ratio Lower Upper

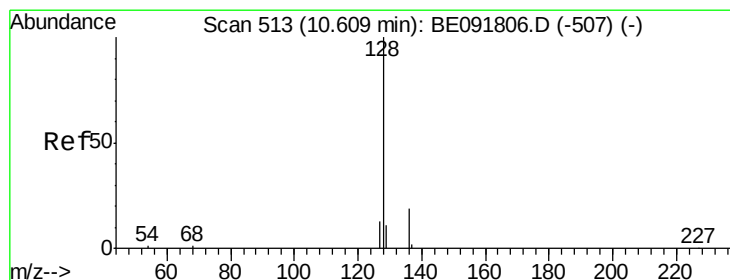
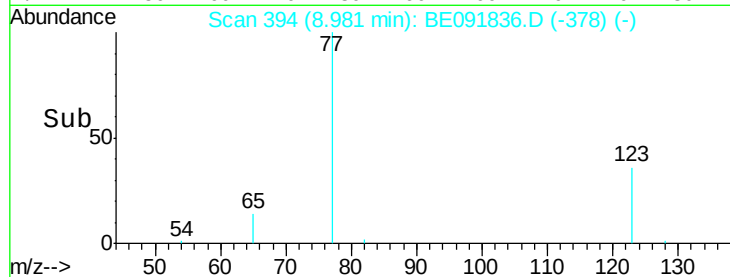
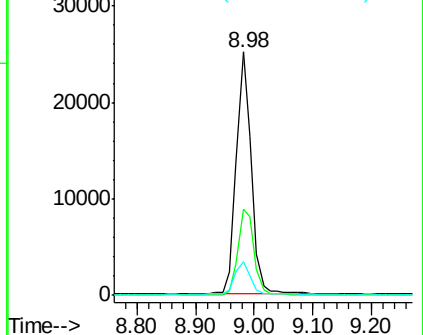
77 100

123 38.4 26.9 40.3

65 14.1 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: 3.22 ng

RT: 10.61 min Scan# 513

Delta R.T. 0.00 min

Lab File: BE091836.D

Acq: 20 May 2016 14:10

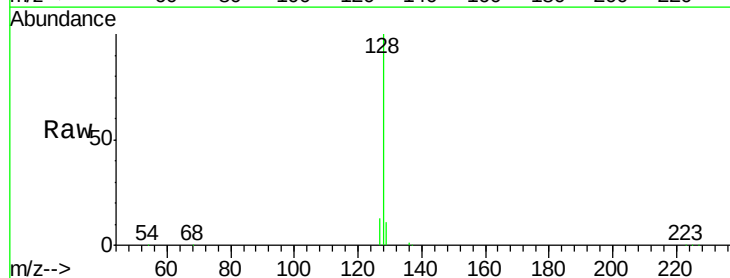
Tgt Ion: 128 Resp: 121216

Ion Ratio Lower Upper

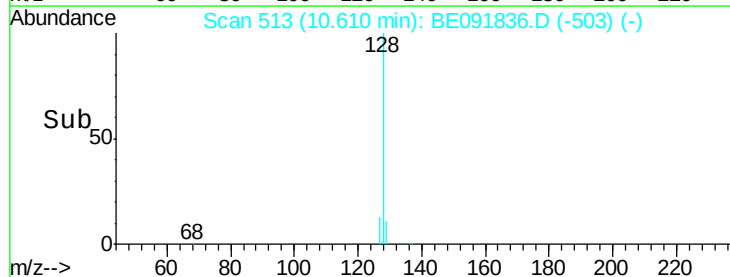
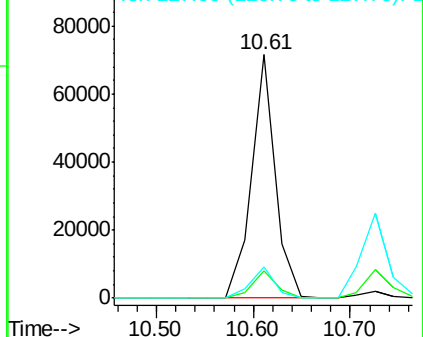
128 100

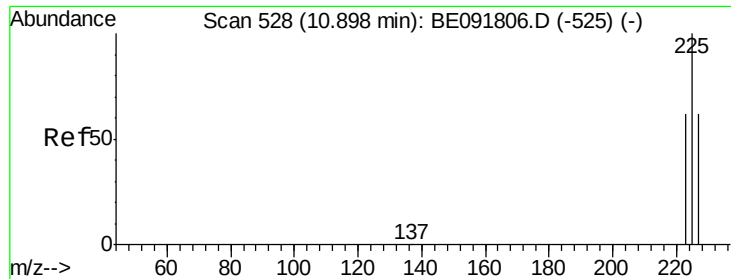
129 11.1 9.3 13.9

127 12.7 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

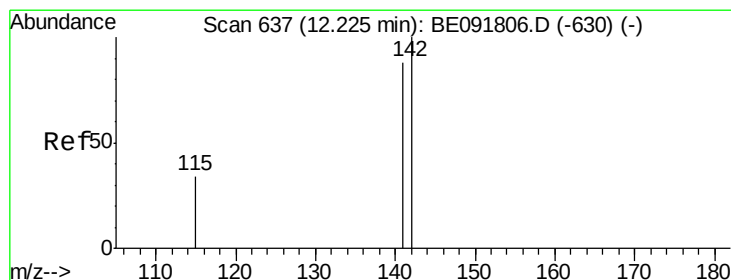
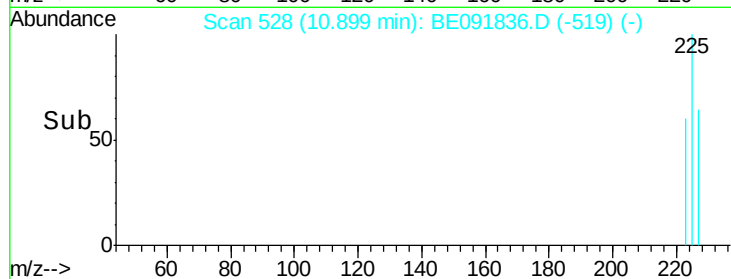
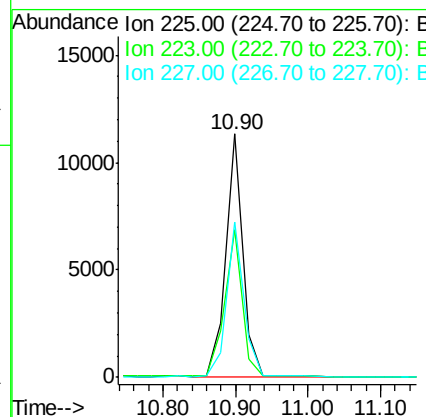
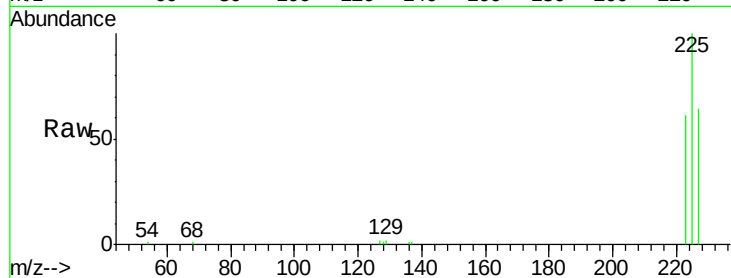




#11
Hexachlorobutadiene
Concen: 3.57 ng
RT: 10.90 min Scan# 528
Delta R.T. -0.02 min
Lab File: BE091836.D
Acq: 20 May 2016 14:10

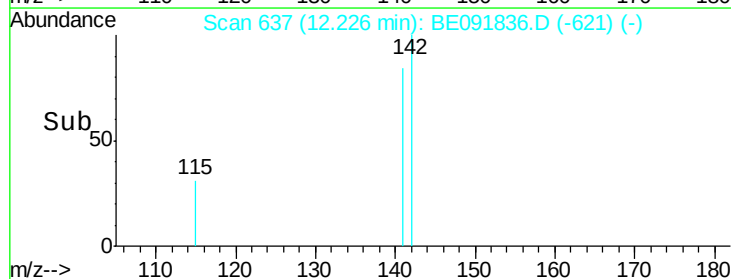
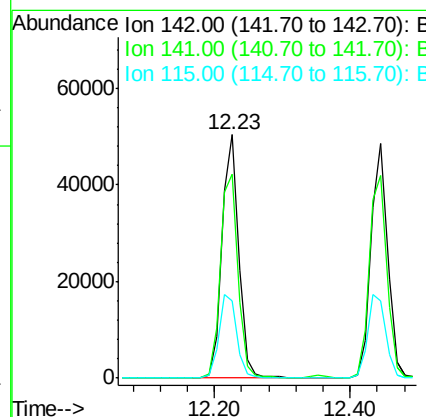
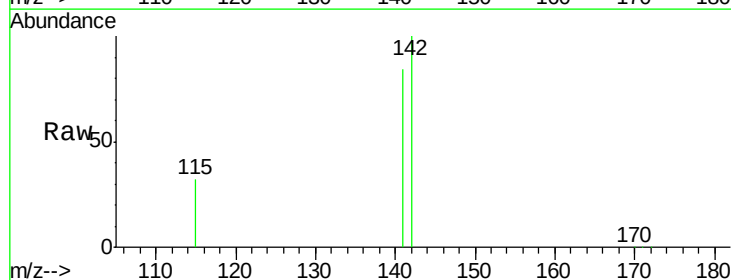
Instrument :
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PB90761BS

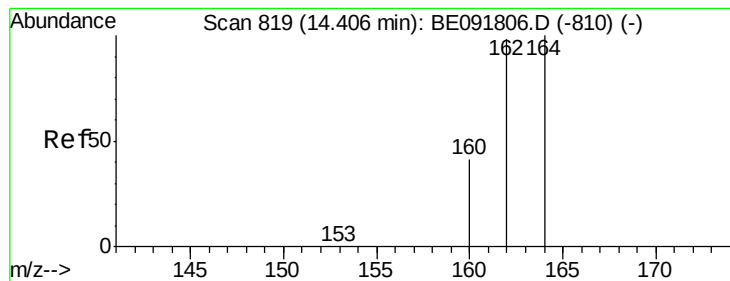
Tgt Ion: 225 Resp: 19883
Ion Ratio Lower Upper
225 100
223 63.4 49.0 73.6
227 64.8 50.3 75.5



#12
2-Methylnaphthalene
Concen: 3.45 ng
RT: 12.23 min Scan# 637
Delta R.T. -0.01 min
Lab File: BE091836.D
Acq: 20 May 2016 14:10

Tgt Ion: 142 Resp: 87372
Ion Ratio Lower Upper
142 100
141 83.7 71.4 107.0
115 31.6 30.3 45.5





#13

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.40 min Scan# 819

Delta R.T. -0.01 min

Lab File: BE091836.D

Acq: 20 May 2016 14:10

Instrument :

BNA_E

ClientSampleId :

PB90761BS

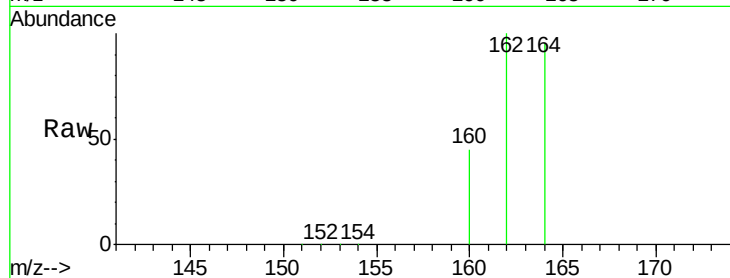
Tgt Ion:164 Resp: 101918

Ion Ratio Lower Upper

164 100

162 105.3 85.3 127.9

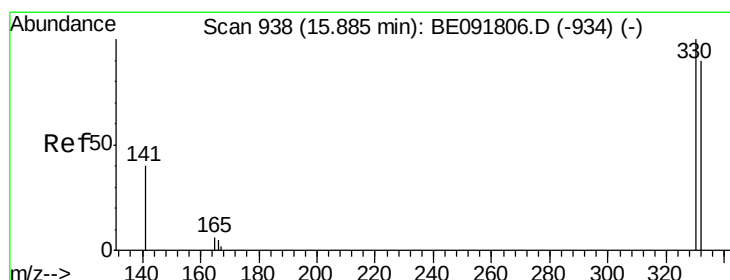
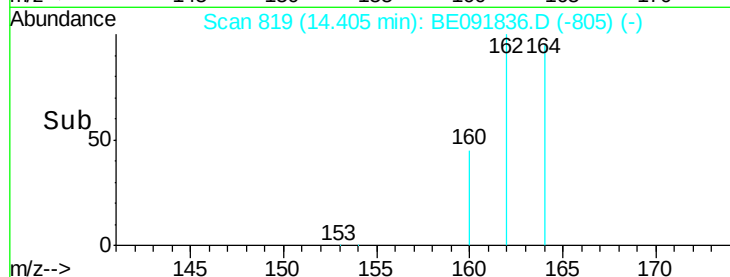
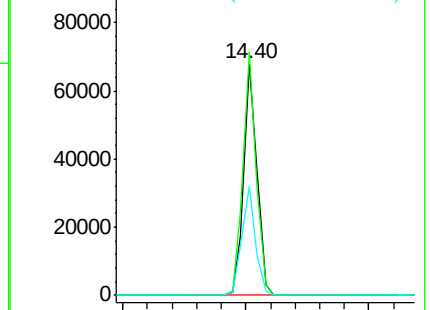
160 47.3 46.2 69.2



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: 7.09 ng

RT: 15.88 min Scan# 938

Delta R.T. -0.01 min

Lab File: BE091836.D

Acq: 20 May 2016 14:10

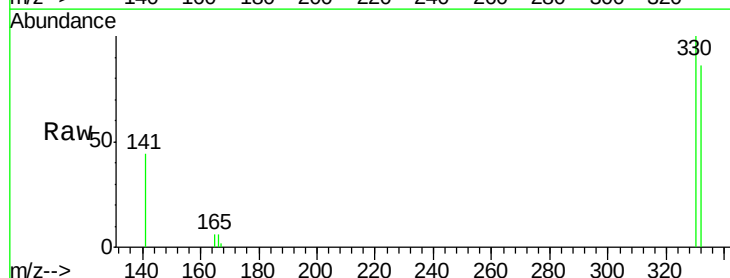
Tgt Ion:330 Resp: 28044

Ion Ratio Lower Upper

330 100

332 97.0 79.1 118.7

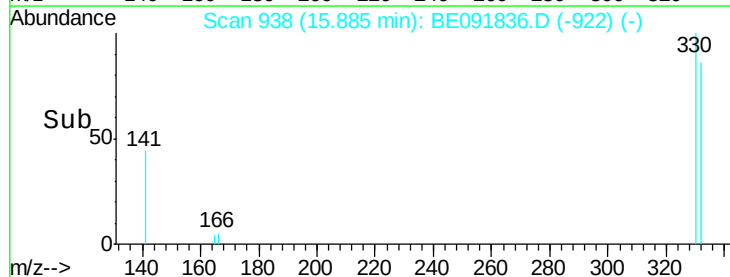
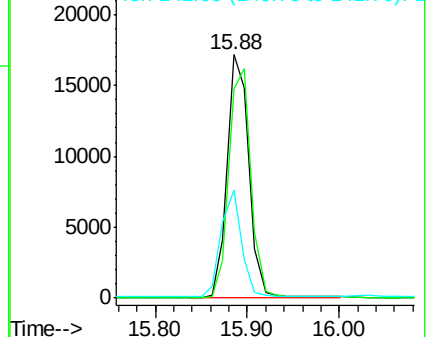
141 41.4 125.4 188.0#

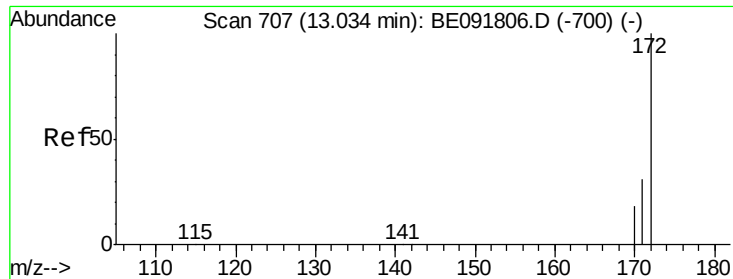


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

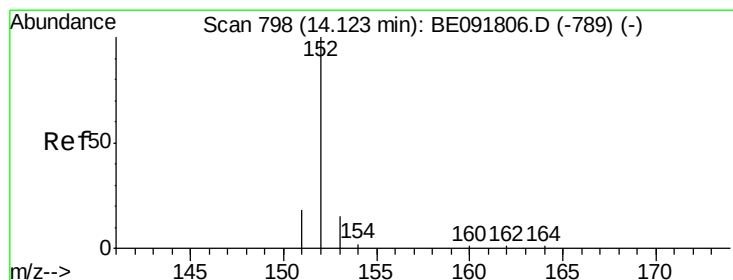
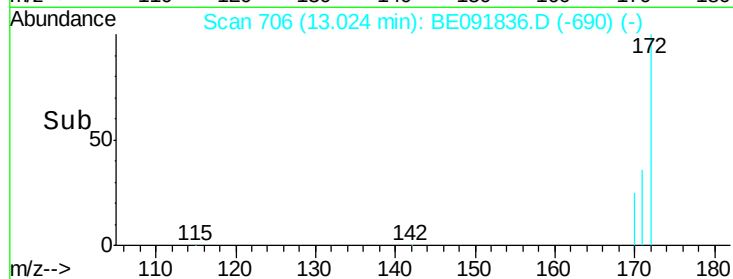
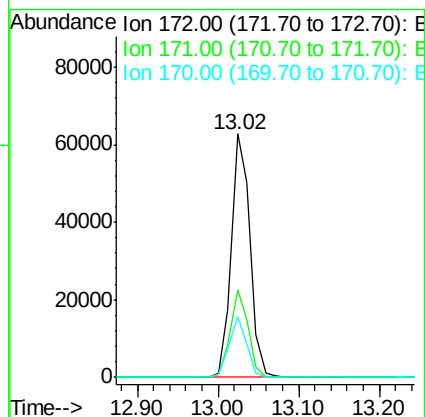
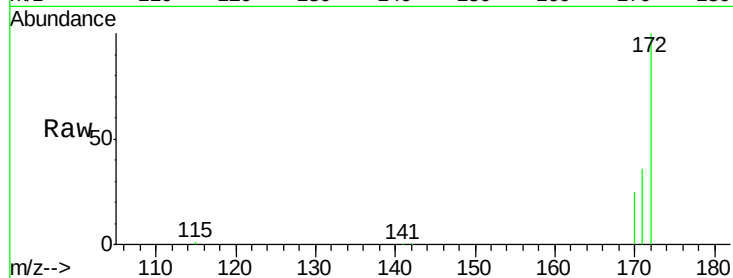




#15
2-Fluorobiphenyl
Concen: 3.46 ng
RT: 13.02 min Scan# 706
Delta R.T. -0.01 min
Lab File: BE091836.D
Acq: 20 May 2016 14:10

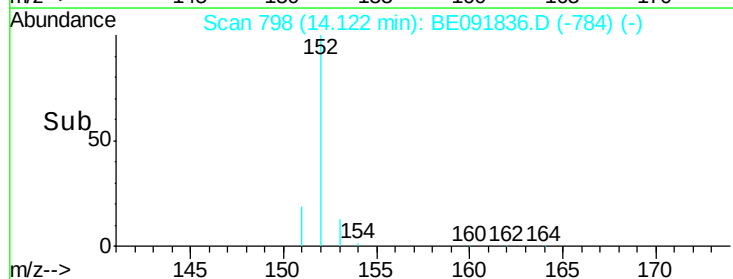
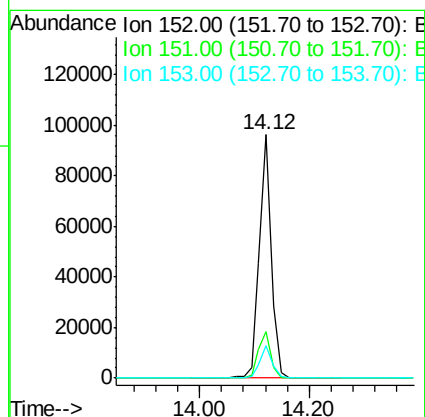
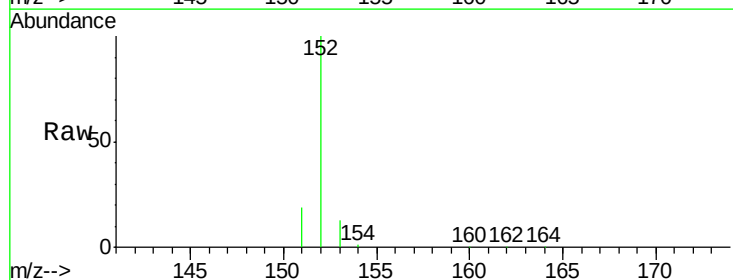
Instrument :
BNA_E
ClientSampleId :
PB90761BS

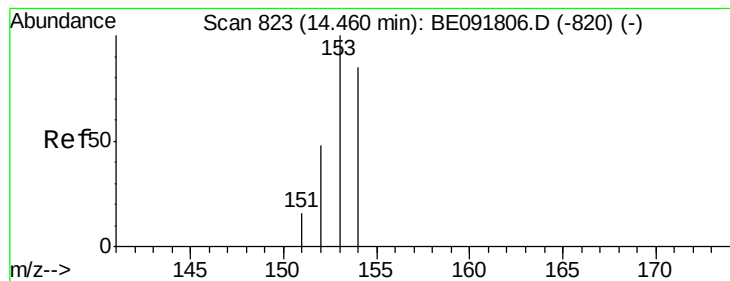
Tgt Ion:172 Resp: 99844
Ion Ratio Lower Upper
172 100
171 36.0 28.8 43.2
170 25.0 19.3 28.9



#16
Acenaphthylene
Concen: 3.41 ng
RT: 14.12 min Scan# 798
Delta R.T. -0.00 min
Lab File: BE091836.D
Acq: 20 May 2016 14:10

Tgt Ion:152 Resp: 154915
Ion Ratio Lower Upper
152 100
151 20.3 3.9 5.9#
153 13.8 10.3 15.5





#17

Acenaphthene

Concen: 3.18 ng

RT: 14.46 min Scan# 823

Delta R.T. -0.01 min

Lab File: BE091836.D

Acq: 20 May 2016 14:10

Instrument :

BNA_E

ClientSampleId :

PB90761BS

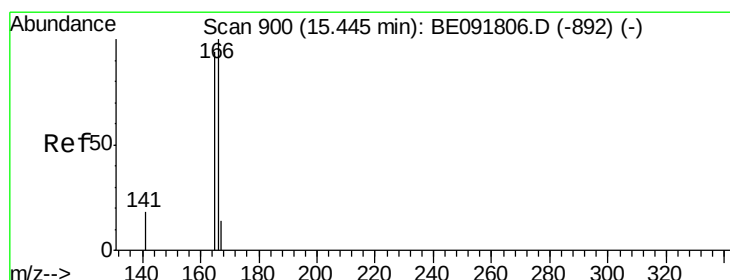
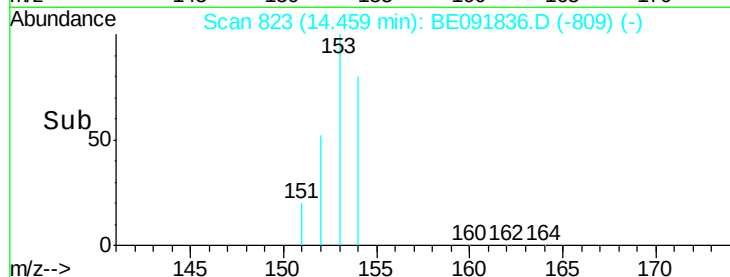
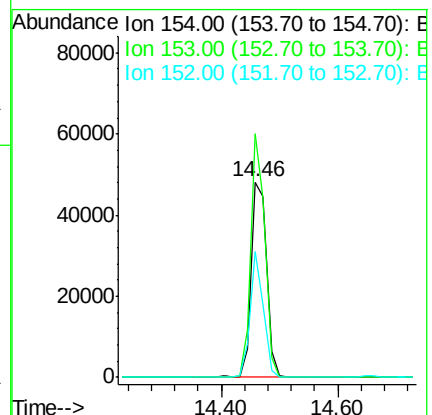
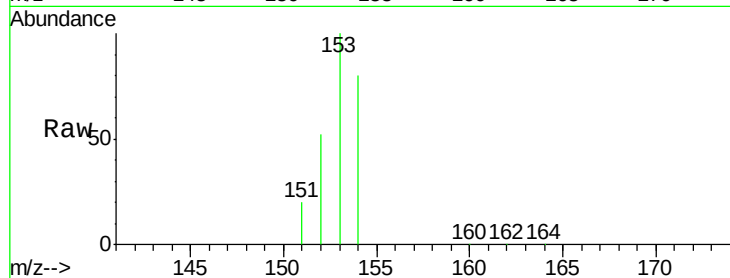
Tgt Ion:154 Resp: 86856

Ion Ratio Lower Upper

154 100

153 113.2 80.0 120.0

152 55.0 40.0 60.0



#18

Fluorene

Concen: 3.28 ng

RT: 15.45 min Scan# 900

Delta R.T. -0.01 min

Lab File: BE091836.D

Acq: 20 May 2016 14:10

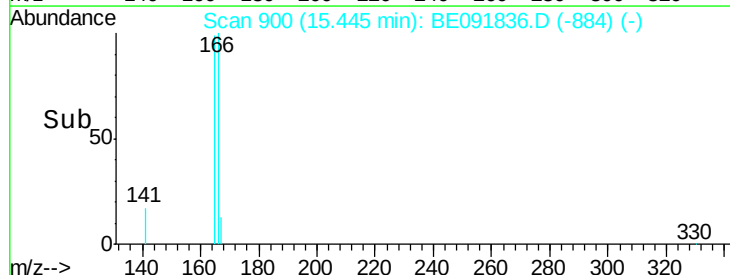
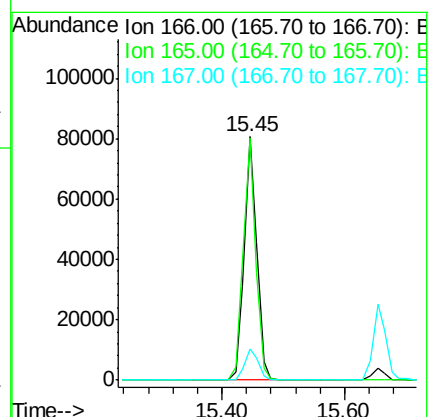
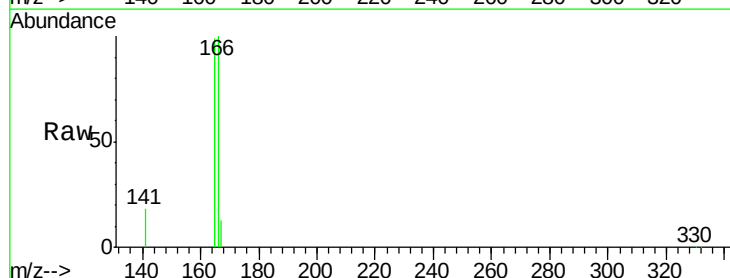
Tgt Ion:166 Resp: 116073

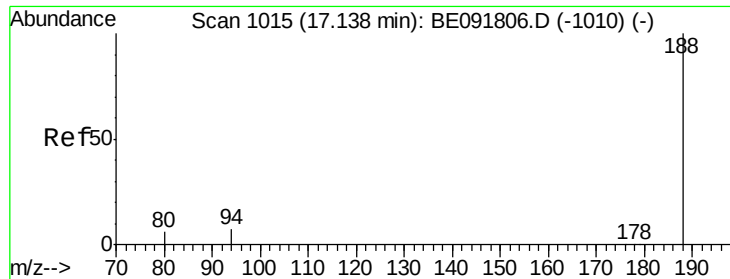
Ion Ratio Lower Upper

166 100

165 98.4 80.8 121.2

167 13.6 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: BE091836.D

Acq: 20 May 2016 14:10

Instrument :

BNA_E

ClientSampleId :

PB90761BS

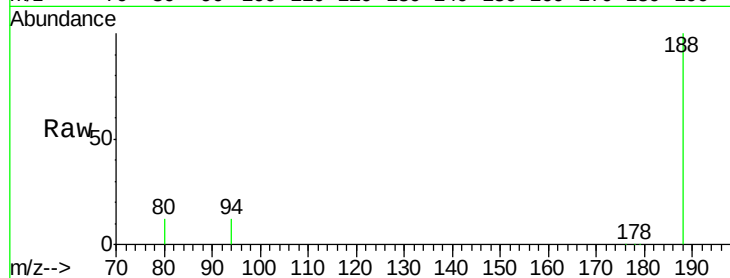
Tgt Ion:188 Resp: 262955

Ion Ratio Lower Upper

188 100

94 12.0 8.7 13.1

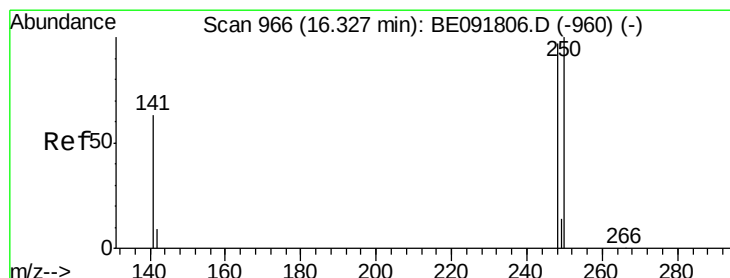
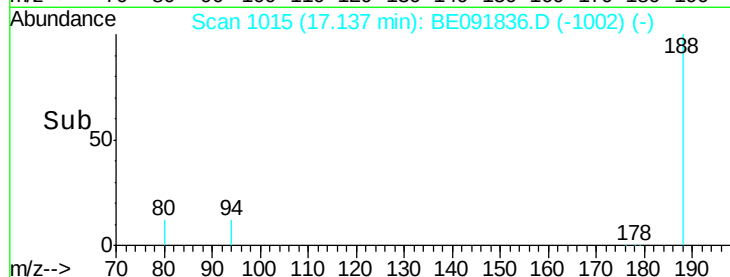
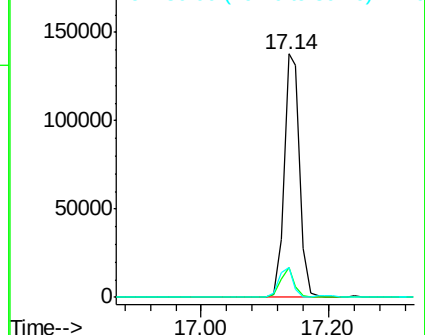
80 12.2 9.4 14.0



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: 3.40 ng

RT: 16.33 min Scan# 966

Delta R.T. -0.00 min

Lab File: BE091836.D

Acq: 20 May 2016 14:10

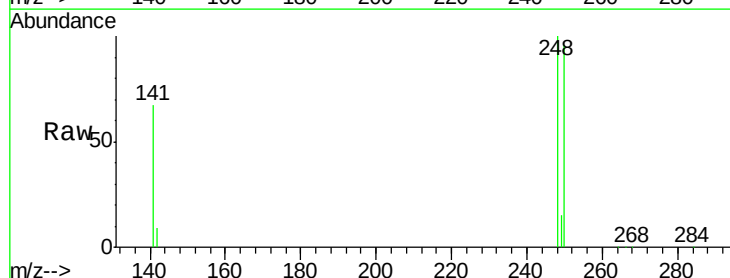
Tgt Ion:248 Resp: 33448

Ion Ratio Lower Upper

248 100

250 99.1 80.5 120.7

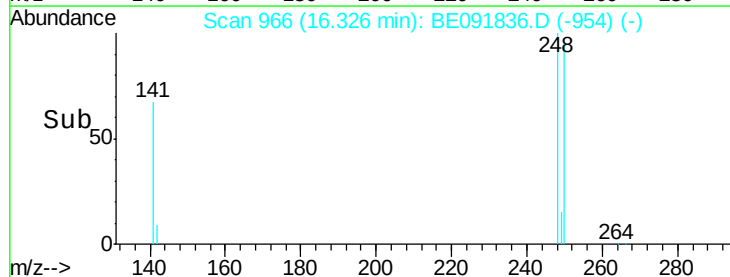
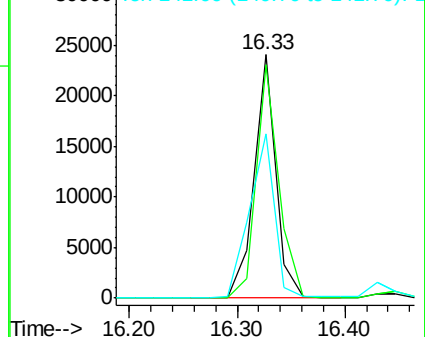
141 77.0 72.0 108.0

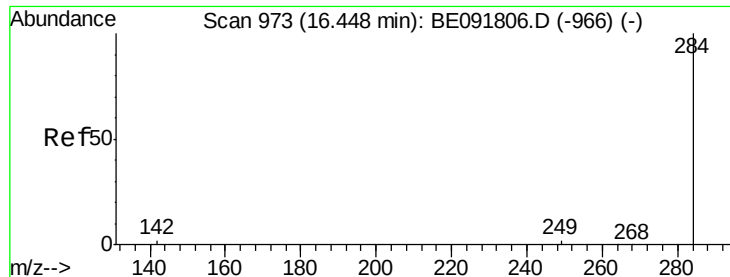


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

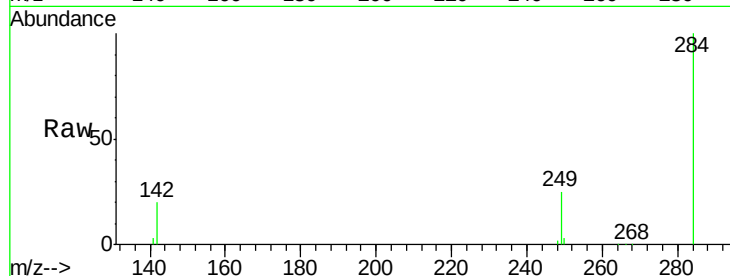




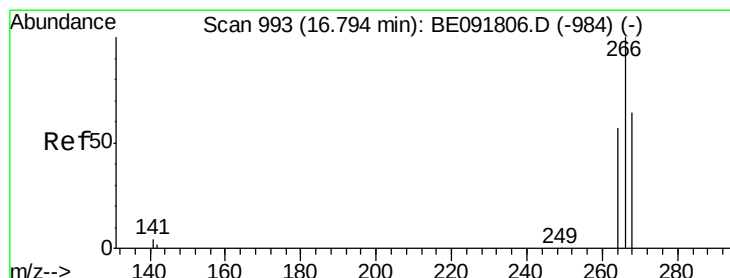
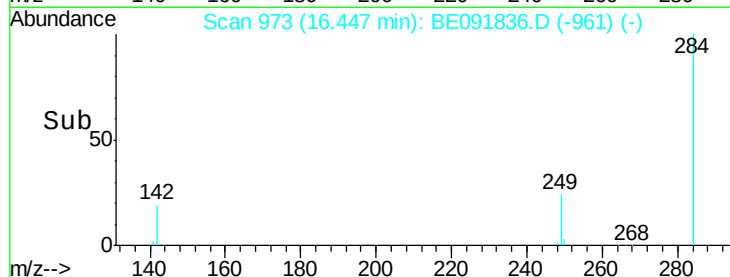
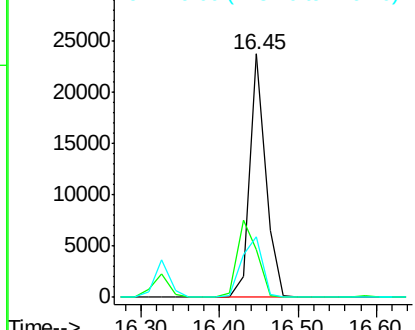
#21
Hexachlorobenzene
Concen: 3.29 ng
RT: 16.45 min Scan# 973
Delta R.T. -0.00 min
Lab File: BE091836.D
Acq: 20 May 2016 14:10

Instrument :
BNA_E
ClientSampleId :
PB90761BS

Tgt Ion:284 Resp: 33609
Ion Ratio Lower Upper
284 100
142 38.6 32.2 48.2
249 31.5 25.4 38.2

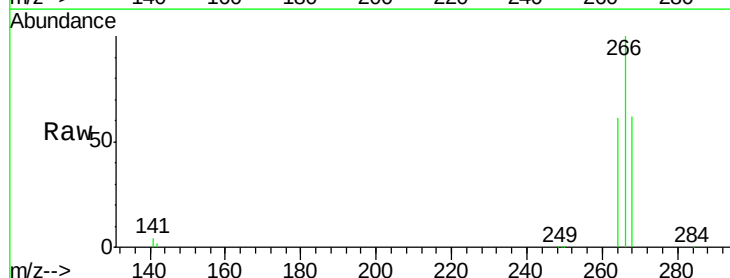


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

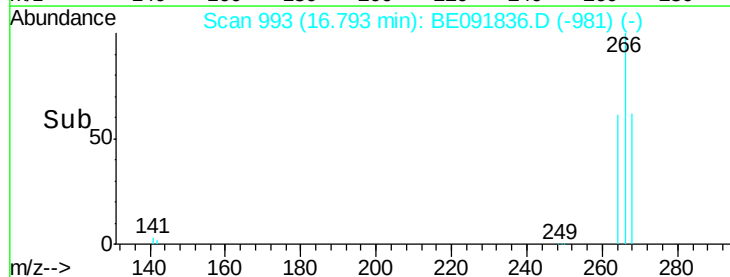
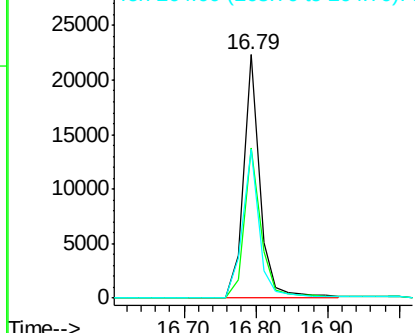


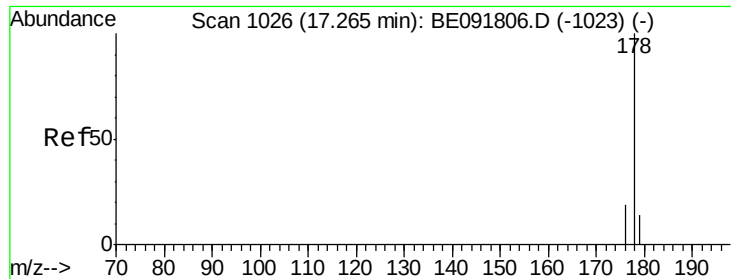
#22
Pentachlorophenol
Concen: 8.22 ng
RT: 16.79 min Scan# 993
Delta R.T. 0.00 min
Lab File: BE091836.D
Acq: 20 May 2016 14:10

Tgt Ion:266 Resp: 34778
Ion Ratio Lower Upper
266 100
268 61.7 58.2 87.2
264 60.9 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: 3.78 ng

RT: 17.18 min Scan# 1019

Delta R.T. 0.00 min

Lab File: BE091836.D

Acq: 20 May 2016 14:10

Instrument :

BNA_E

ClientSampleId :

PB90761BS

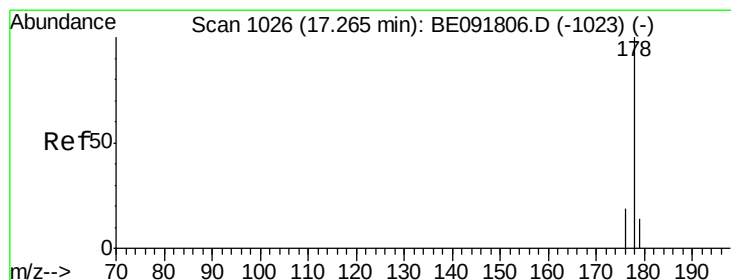
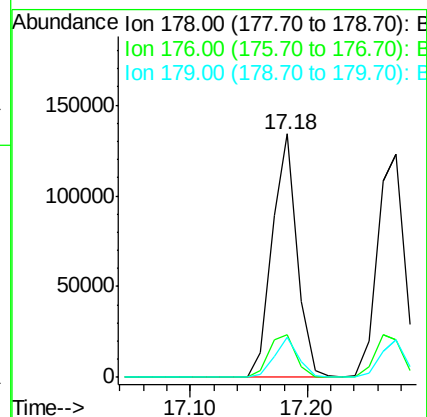
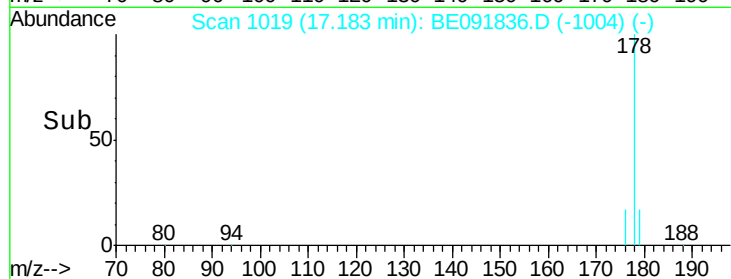
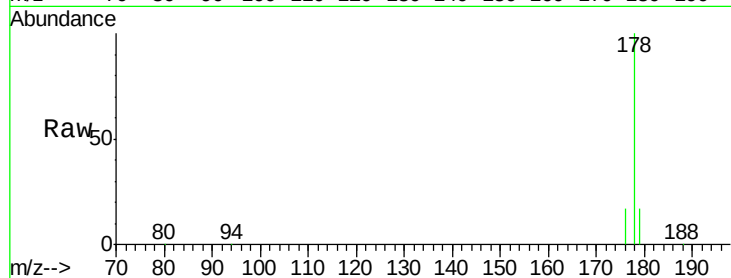
Tgt Ion:178 Resp: 196469

Ion Ratio Lower Upper

178 100

176 19.3 15.3 22.9

179 15.7 12.6 18.8



#24

Anthracene

Concen: 3.47 ng

RT: 17.28 min Scan# 1027

Delta R.T. 0.00 min

Lab File: BE091836.D

Acq: 20 May 2016 14:10

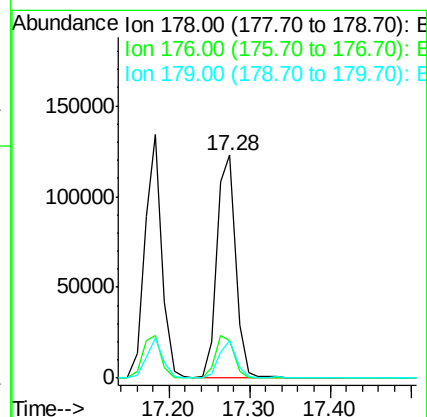
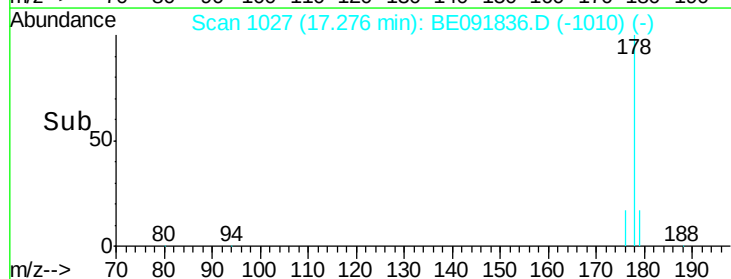
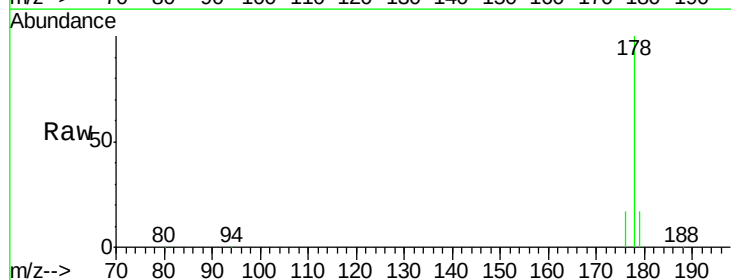
Tgt Ion:178 Resp: 198327

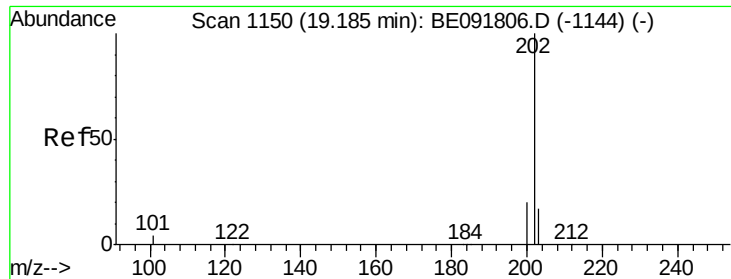
Ion Ratio Lower Upper

178 100

176 18.9 14.6 21.8

179 15.2 11.8 17.6





#25

Fluoranthene

Concen: 3.42 ng

RT: 19.19 min Scan# 1150

Delta R.T. -0.00 min

Lab File: BE091836.D

Acq: 20 May 2016 14:10

Instrument :

BNA_E

ClientSampleId :

PB90761BS

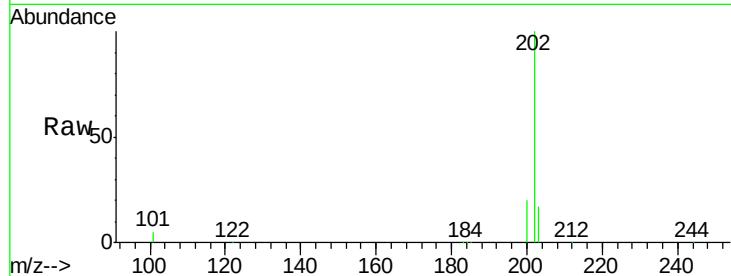
Tgt Ion:202 Resp: 239029

Ion Ratio Lower Upper

202 100

101 11.1 11.0 16.6

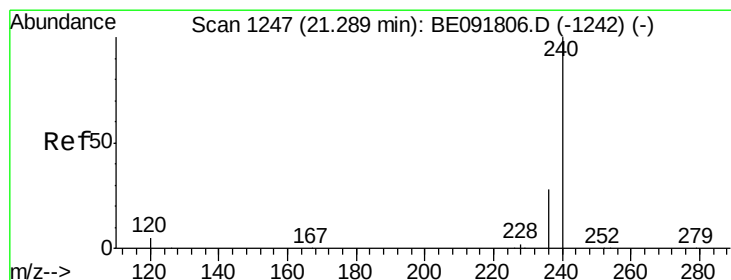
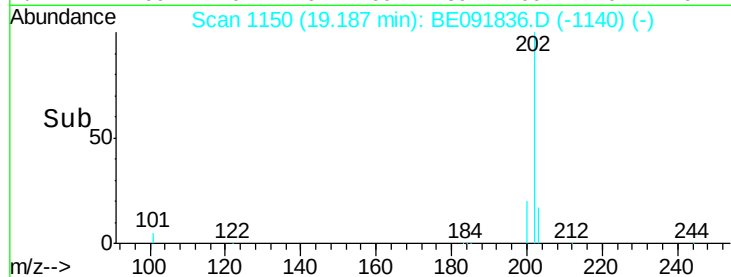
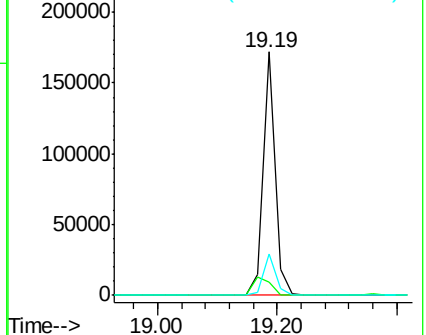
203 17.5 13.9 20.9



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: BE091836.D

Acq: 20 May 2016 14:10

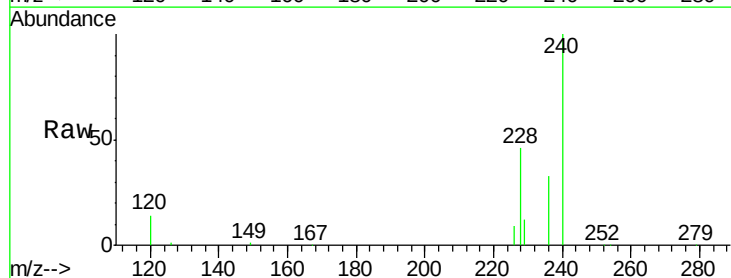
Tgt Ion:240 Resp: 240468

Ion Ratio Lower Upper

240 100

120 14.0 11.0 16.4

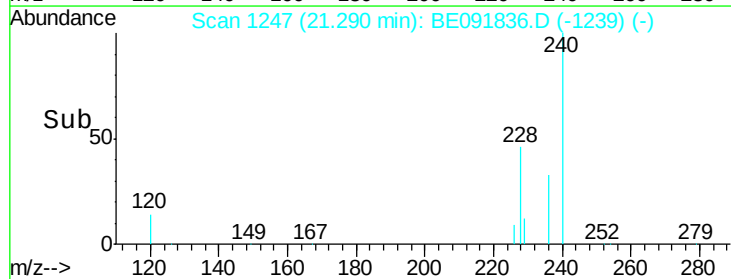
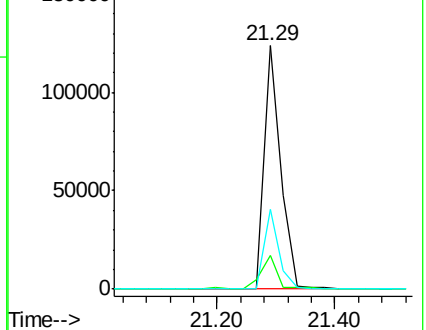
236 32.9 21.7 32.5#

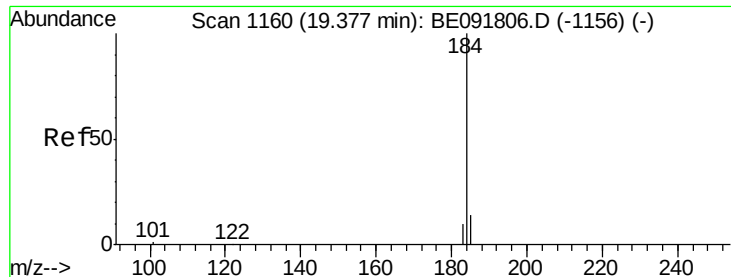


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#27

Benzidine

Concen: 5.32 ng

RT: 19.38 min Scan# 1160

Delta R.T. 0.00 min

Lab File: BE091836.D

Acq: 20 May 2016 14:10

Instrument :

BNA_E

ClientSampleId :

PB90761BS

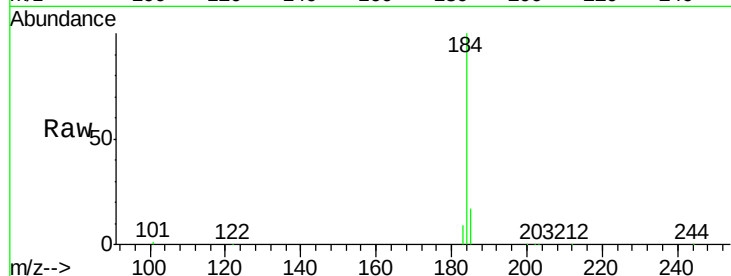
Tgt Ion:184 Resp: 129988

Ion Ratio Lower Upper

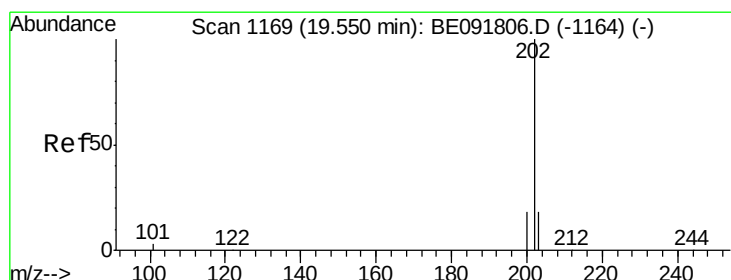
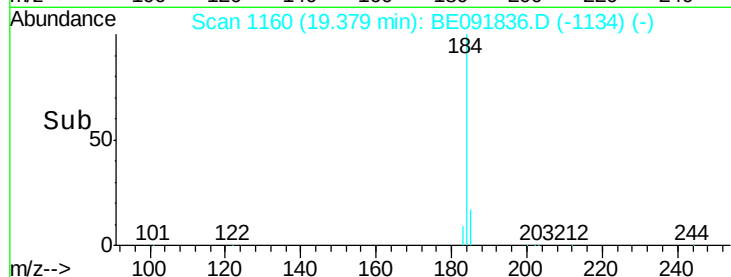
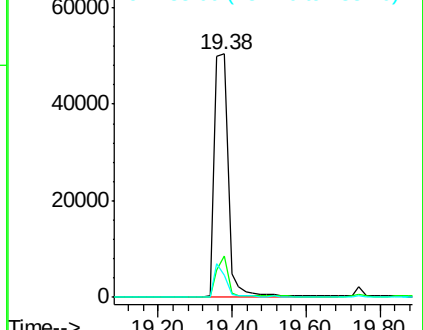
184 100

185 16.9 22.3 33.5#

183 8.9 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: 4.62 ng

RT: 19.55 min Scan# 1169

Delta R.T. -0.00 min

Lab File: BE091836.D

Acq: 20 May 2016 14:10

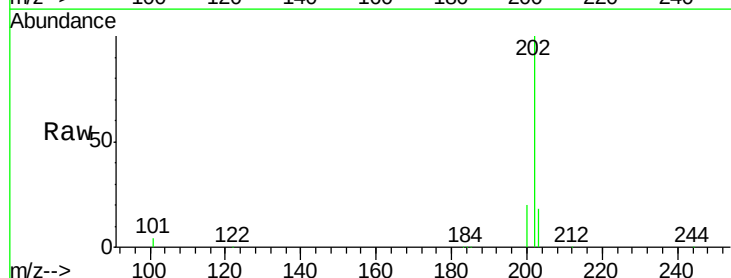
Tgt Ion:202 Resp: 243883

Ion Ratio Lower Upper

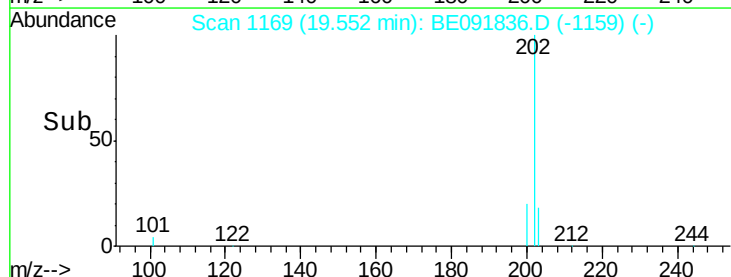
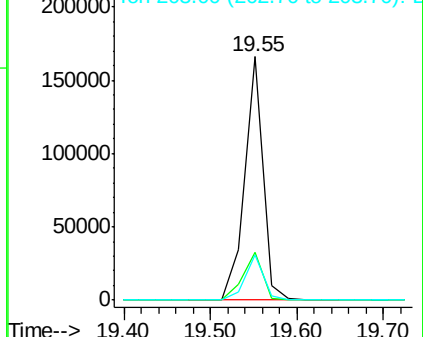
202 100

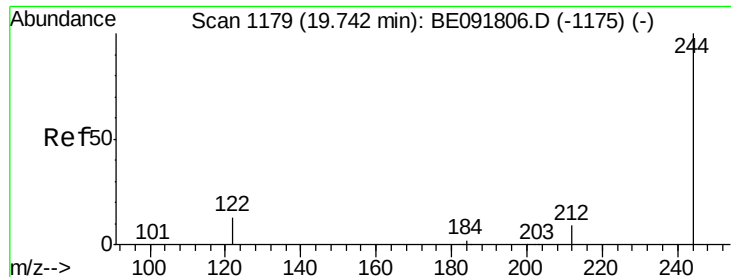
200 21.2 16.8 25.2

203 18.3 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: 4.09 ng

RT: 19.74 min Scan# 1179

Delta R.T. -0.02 min

Lab File: BE091836.D

Acq: 20 May 2016 14:10

Instrument :

BNA_E

ClientSampleId :

PB90761BS

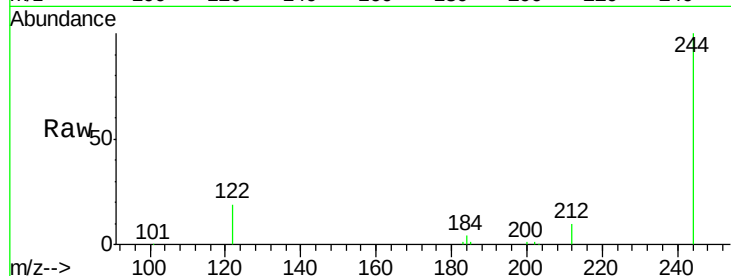
Tgt Ion:244 Resp: 139258

Ion Ratio Lower Upper

244 100

212 10.5 6.9 10.3#

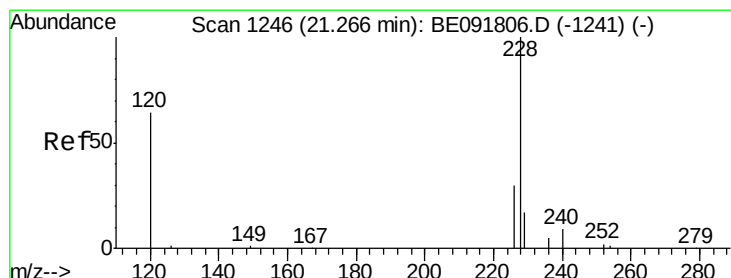
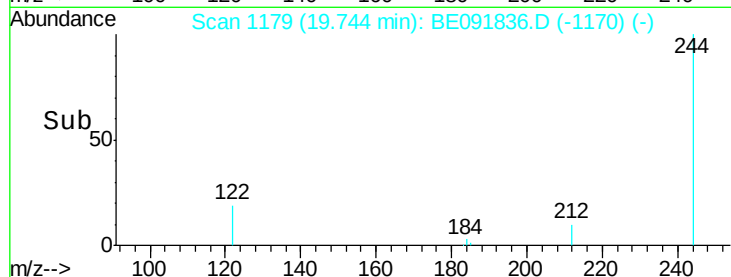
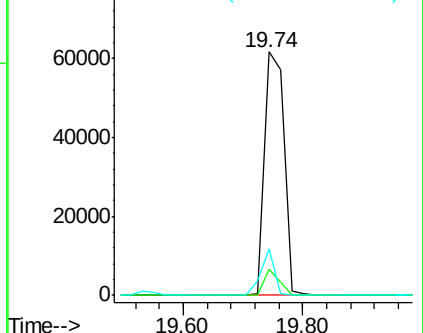
122 19.1 11.0 16.4#



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: 4.31 ng

RT: 21.27 min Scan# 1246

Delta R.T. -0.02 min

Lab File: BE091836.D

Acq: 20 May 2016 14:10

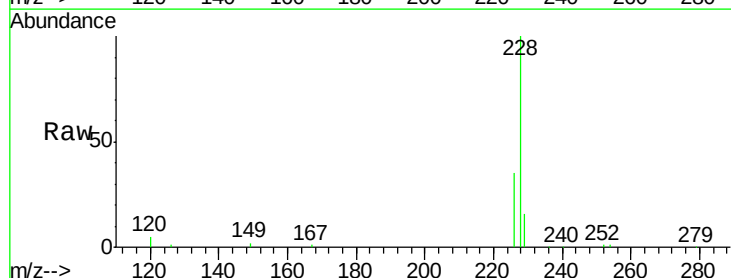
Tgt Ion:228 Resp: 249920

Ion Ratio Lower Upper

228 100

226 35.1 21.0 31.4#

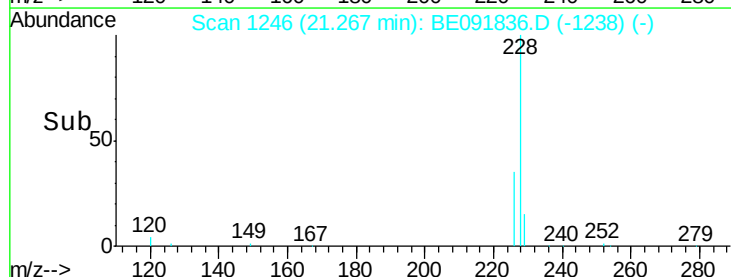
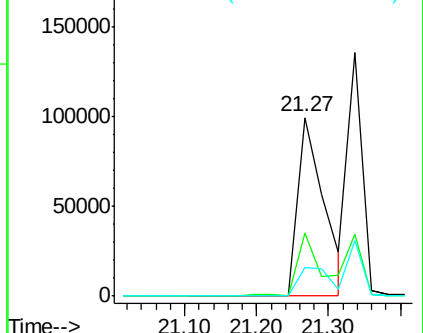
229 15.6 15.7 23.5#

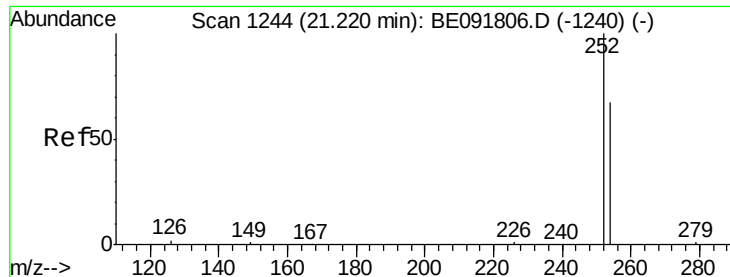


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

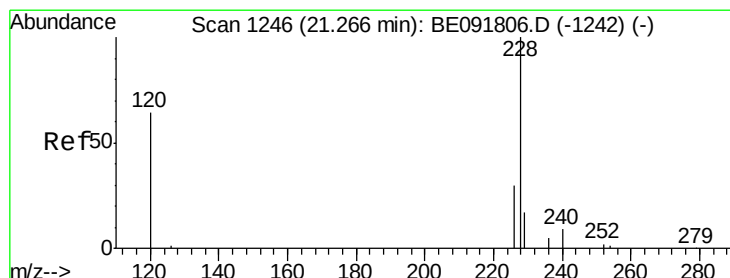
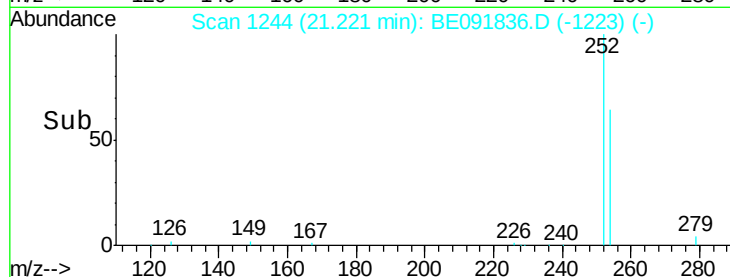
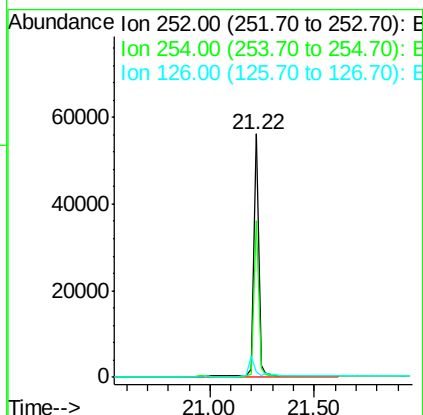
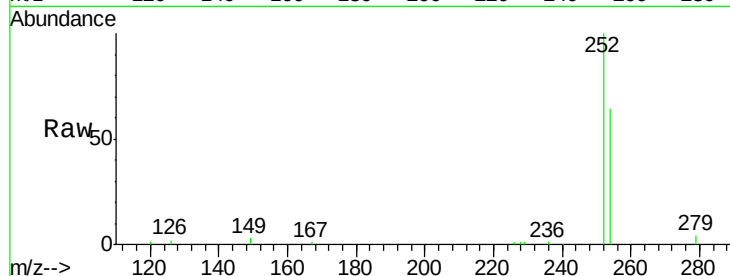




#31
 3,3'-Dichlorobenzidine
 Concen: 2.38 ng
 RT: 21.22 min Scan# 1244
 Delta R.T. -0.02 min
 Lab File: BE091836.D
 Acq: 20 May 2016 14:10

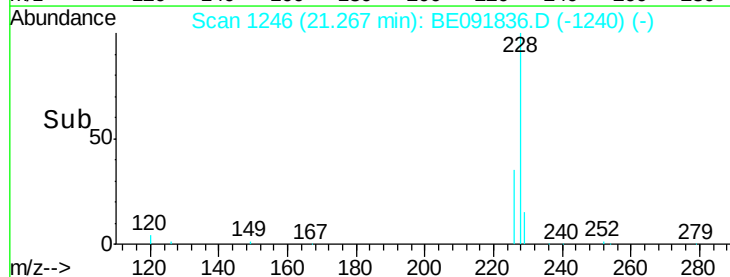
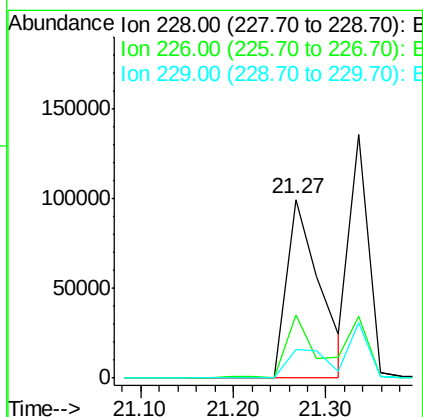
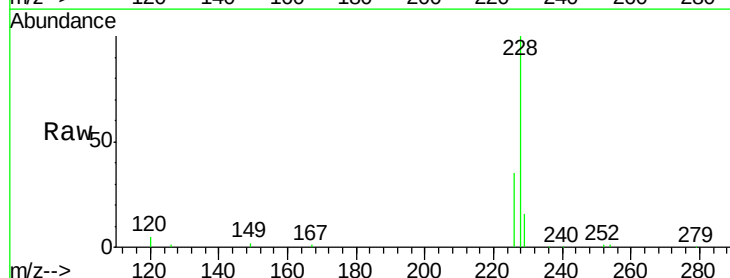
Instrument :
 BNA_E
 ClientSampleId :
 PB90761BS

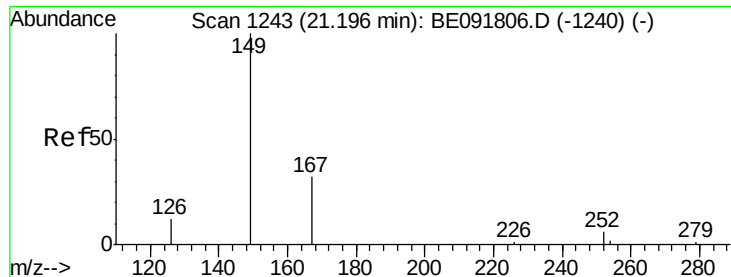
Tgt Ion: 252 Resp: 87688
 Ion Ratio Lower Upper
 252 100
 254 64.3 51.1 76.7
 126 2.1 12.6 18.8#



#32
 Chrysene
 Concen: 5.02 ng
 RT: 21.27 min Scan# 1246
 Delta R.T. -0.07 min
 Lab File: BE091836.D
 Acq: 20 May 2016 14:10

Tgt Ion: 228 Resp: 249821
 Ion Ratio Lower Upper
 228 100
 226 35.1 24.0 36.0
 229 15.6 15.9 23.9#





#33

Bis(2-ethylhexyl)phthalate

Concen: 5.75 ng

RT: 21.20 min Scan# 1243

Delta R.T. -0.02 min

Lab File: BE091836.D

Acq: 20 May 2016 14:10

Instrument :

BNA_E

ClientSampleId :

PB90761BS

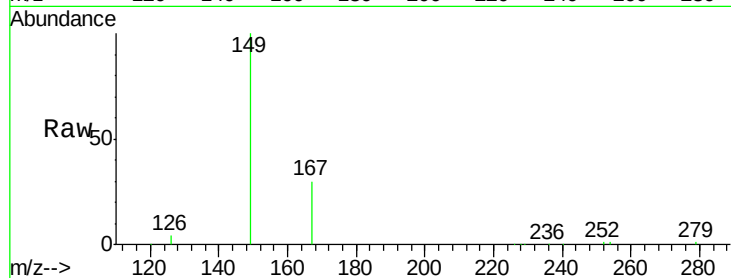
Tgt Ion:149 Resp: 191457

Ion Ratio Lower Upper

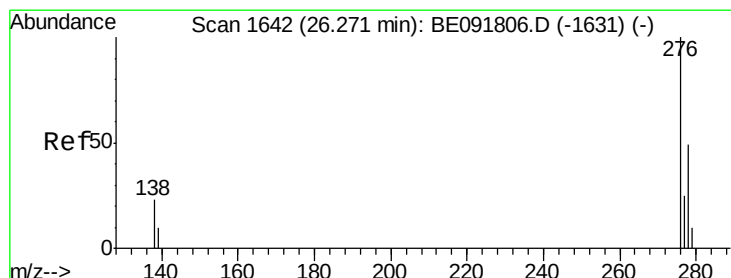
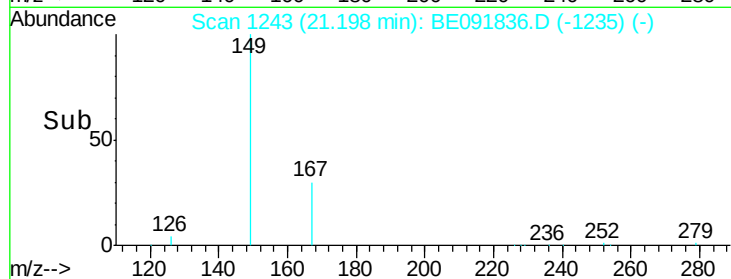
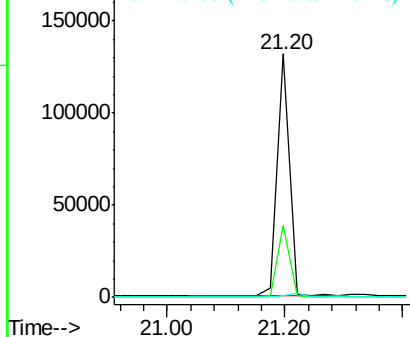
149 100

167 29.0 19.5 29.3

279 0.0 10.0 15.0#



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E



#34

Indeno(1,2,3-cd)pyrene

Concen: 4.54 ng

RT: 26.28 min Scan# 1643

Delta R.T. -0.02 min

Lab File: BE091836.D

Acq: 20 May 2016 14:10

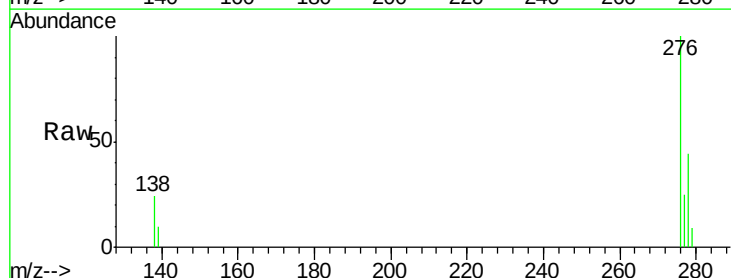
Tgt Ion:276 Resp: 269781

Ion Ratio Lower Upper

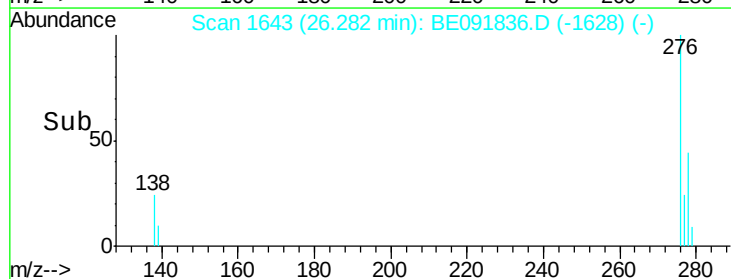
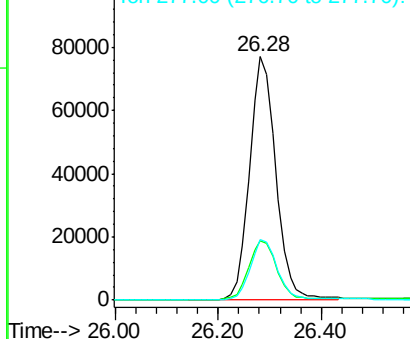
276 100

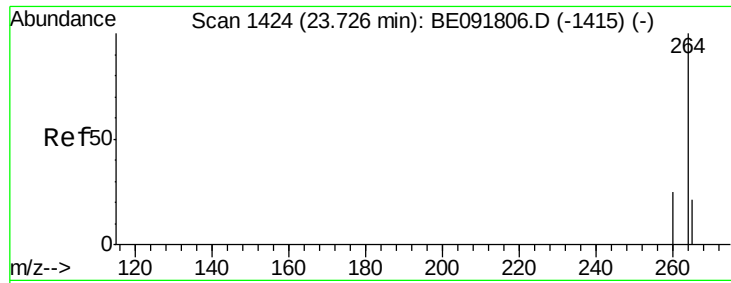
138 25.6 23.4 35.2

277 24.9 19.8 29.8



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

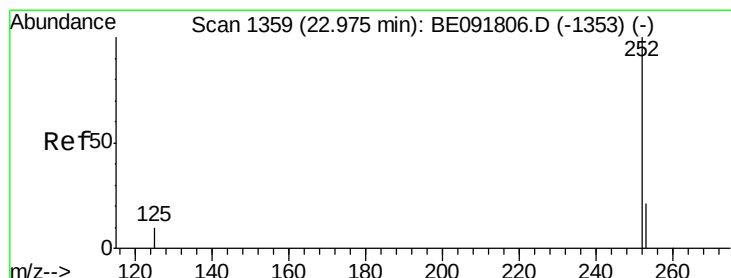
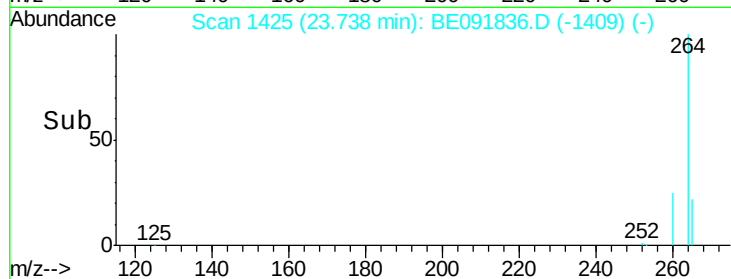
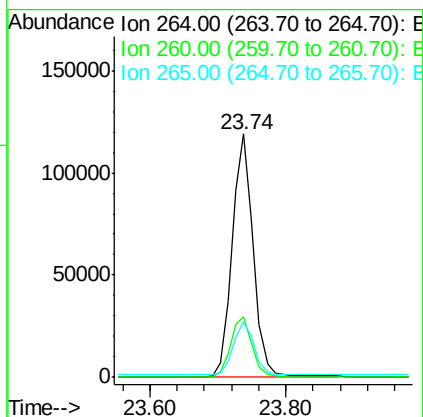
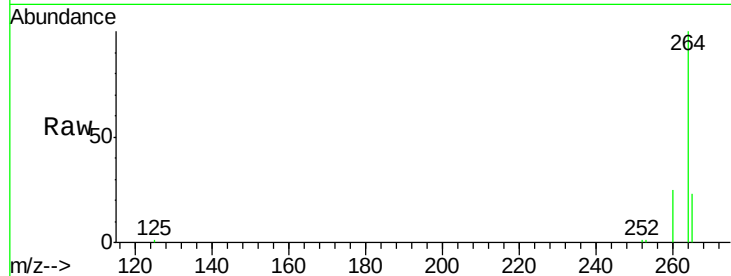




#35
Perylene-d12
 Concen: 5.00 ng
 RT: 23.74 min Scan# 1425
 Delta R.T. -0.01 min
 Lab File: BE091836.D
 Acq: 20 May 2016 14:10

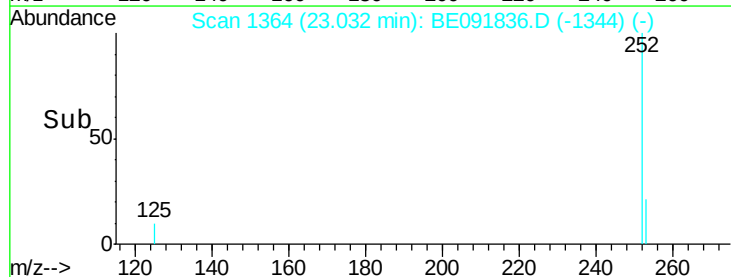
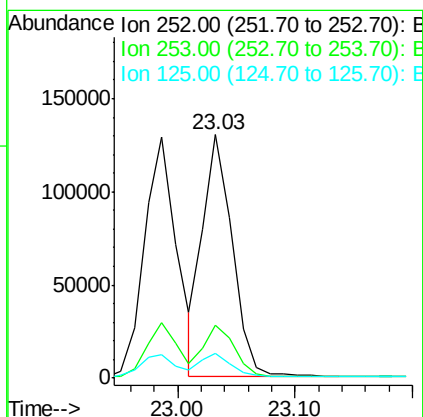
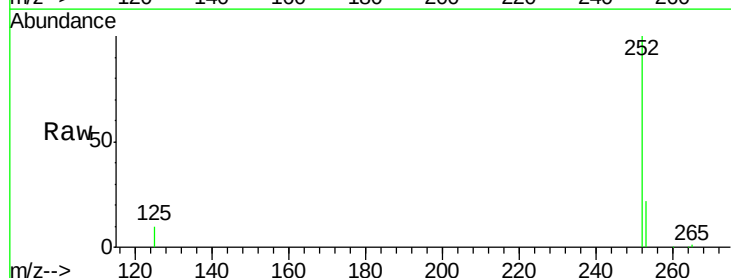
Instrument :
 BNA_E
 ClientSampleId :
 PB90761BS

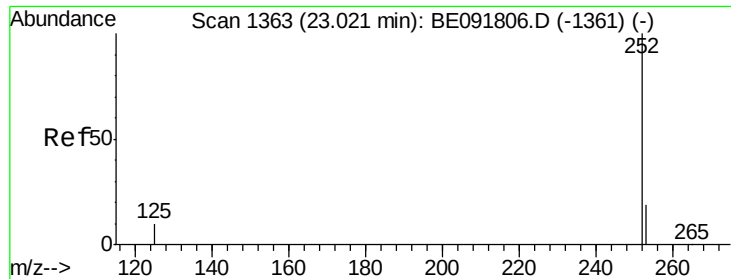
Tgt Ion: 264 Resp: 257708
 Ion Ratio Lower Upper
 264 100
 260 25.1 20.0 30.0
 265 22.6 17.5 26.3



#36
Benzo(b)fluoranthene
 Concen: 3.54 ng
 RT: 23.03 min Scan# 1364
 Delta R.T. 0.03 min
 Lab File: BE091836.D
 Acq: 20 May 2016 14:10

Tgt Ion: 252 Resp: 228064
 Ion Ratio Lower Upper
 252 100
 253 21.8 17.4 26.0
 125 10.2 10.2 15.2





#37

Benzo(k)fluoranthene

Concen: 3.49 ng

RT: 23.03 min Scan# 1364

Delta R.T. -0.01 min

Lab File: BE091836.D

Acq: 20 May 2016 14:10

Instrument :

BNA_E

ClientSampleId :

PB90761BS

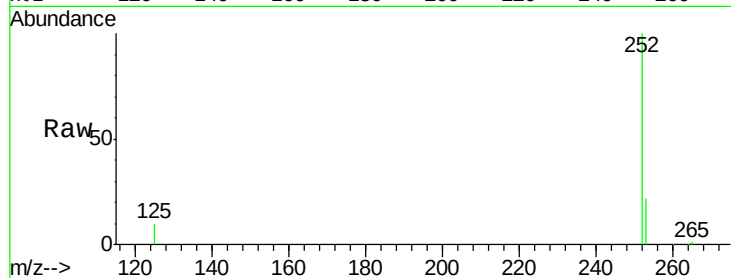
Tgt Ion:252 Resp: 230226

Ion Ratio Lower Upper

252 100

253 21.8 17.6 26.4

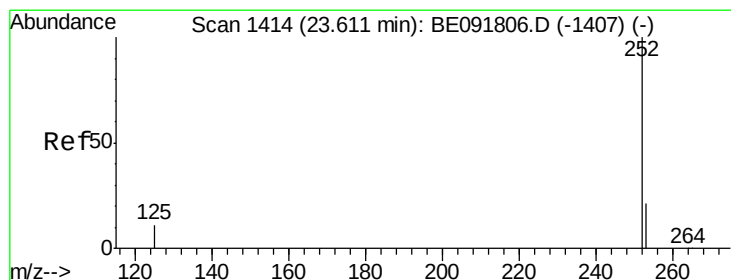
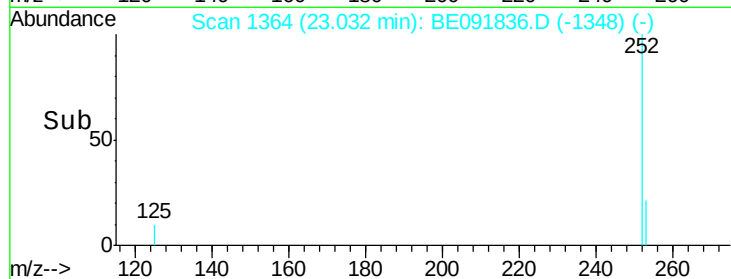
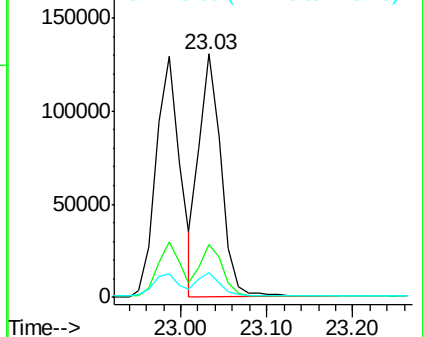
125 10.2 9.9 14.9



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: 3.83 ng

RT: 23.62 min Scan# 1415

Delta R.T. -0.01 min

Lab File: BE091836.D

Acq: 20 May 2016 14:10

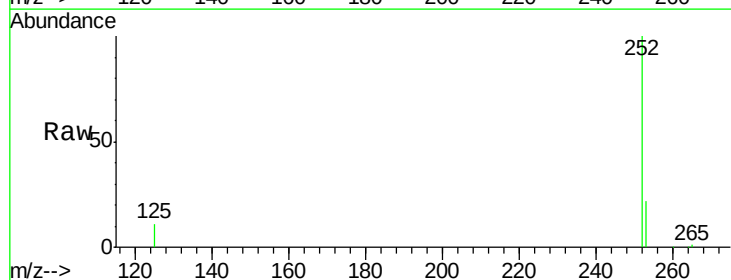
Tgt Ion:252 Resp: 235564

Ion Ratio Lower Upper

252 100

253 22.3 18.1 27.1

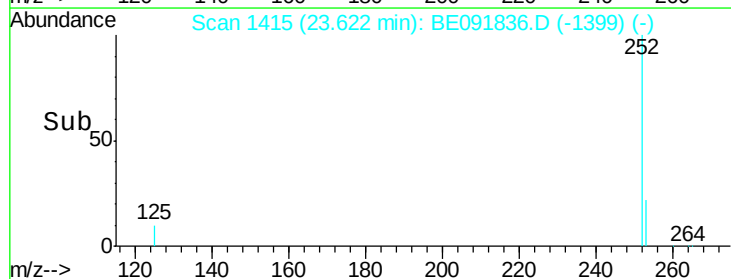
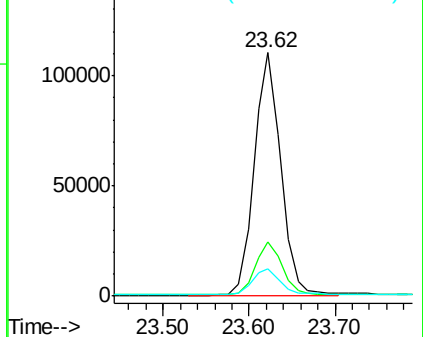
125 11.1 11.0 16.4

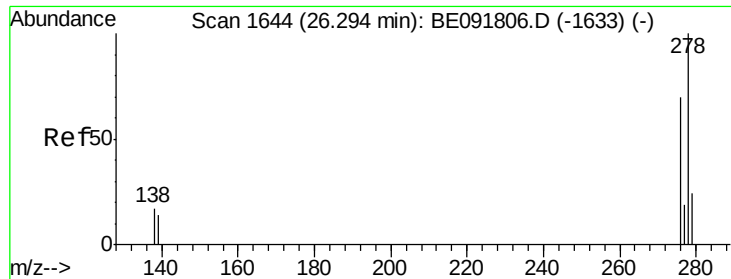


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#39

Dibenzo(a,h)anthracene

Concen: 3.77 ng

RT: 26.31 min Scan# 1645

Delta R.T. -0.03 min

Lab File: BE091836.D

Acq: 20 May 2016 14:10

Instrument :

BNA_E

ClientSampleId :

PB90761BS

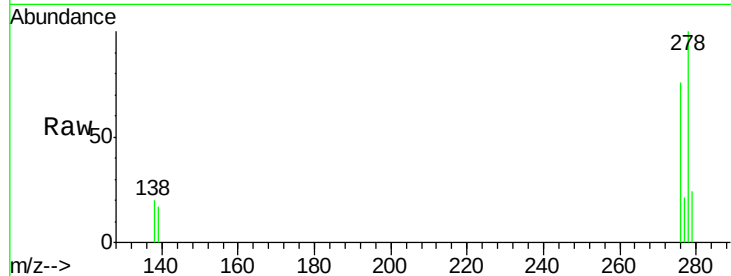
Tgt Ion: 278 Resp: 226477

Ion Ratio Lower Upper

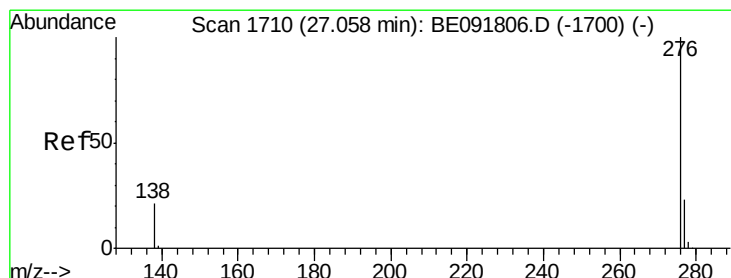
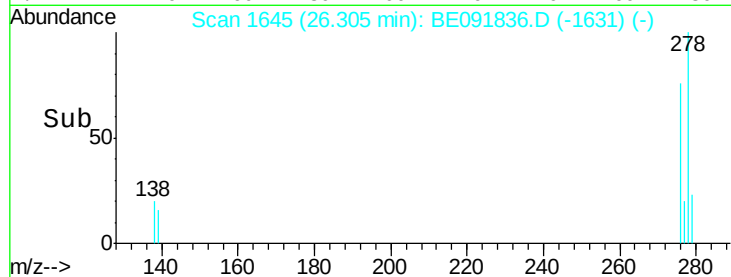
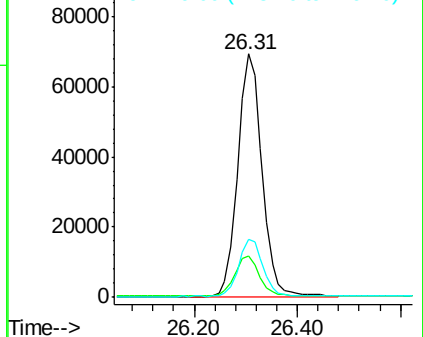
278 100

139 17.0 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: 3.72 ng

RT: 27.07 min Scan# 1711

Delta R.T. -0.03 min

Lab File: BE091836.D

Acq: 20 May 2016 14:10

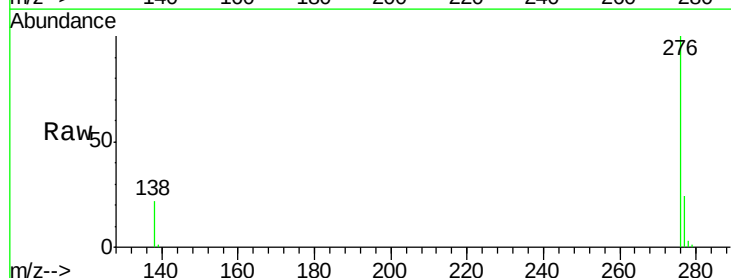
Tgt Ion: 276 Resp: 230299

Ion Ratio Lower Upper

276 100

277 23.5 18.6 28.0

138 22.2 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

