

Data Path : Z:\HPCHEM1\BNA E\DATA\BE042716\
 Data File : BE091724.D
 Acq On : 27 Apr 2016 13:49
 Operator : UM/SJ
 Sample : PB900018BS
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB90018BS

Quant Time: Apr 28 03:12:00 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	38180	5.00	ng	0.00
7) Naphthalene-d8	10.57	136	174021	5.00	ng	0.00
13) Acenaphthene-d10	14.41	164	101549	5.00	ng	-0.01
19) Phenanthrene-d10	17.15	188	246955	5.00	ng	0.00
26) Chrysene-d12	21.31	240	282857	5.00	ng	0.00
35) Perylene-d12	23.75	264	280744	5.00	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.39	112	54074	5.77	ng	0.00
5) Phenol-d6	6.95	99	76663	6.16	ng	0.00
8) Nitrobenzene-d5	8.95	82	35225	3.14	ng	0.00
14) 2,4,6-Tribromophenol	15.90	330	23354	6.21	ng	0.00
15) 2-Fluorobiphenyl	13.04	172	95731	3.33	ng	0.00
29) Terphenyl-d14	19.76	244	154235	3.50	ng	0.00

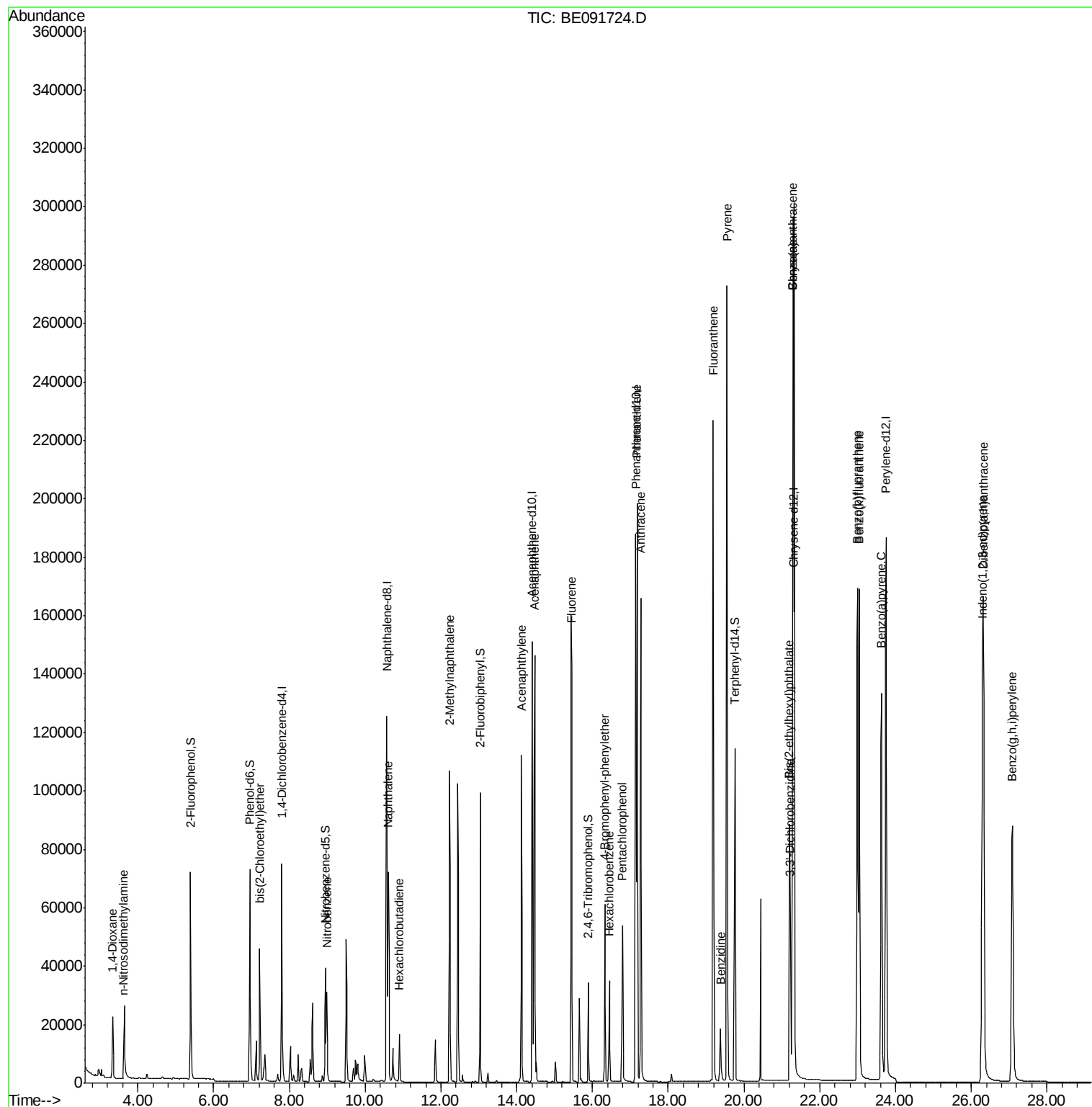
Target Compounds						Qvalue
2) 1,4-Dioxane	3.33	88	13319	2.96	ng	# 90
3) n-Nitrosodimethylamine	3.63	42	21480	3.10	ng	# 90
6) bis(2-Chloroethyl)ether	7.21	93	34266	3.13	ng	# 76
9) Nitrobenzene	8.99	77	37310	3.18	ng	93
10) Naphthalene	10.61	128	113321	3.22	ng	97
11) Hexachlorobutadiene	10.90	225	17675	3.41	ng	97
12) 2-Methylnaphthalene	12.23	142	79320	3.51	ng	97
16) Acenaphthylene	14.12	152	138354	3.54	ng	# 86
17) Acenaphthene	14.47	154	92196	3.64	ng	98
18) Fluorene	15.46	166	110532	3.51	ng	98
20) 4-Bromophenyl-phenylether	16.33	248	31684	3.57	ng	94
21) Hexachlorobenzene	16.45	284	31117	3.50	ng	96
22) Pentachlorophenol	16.79	266	35834	7.47	ng	89
23) Phenanthrene	17.18	178	205339	3.66	ng	99
24) Anthracene	17.28	178	182295	3.60	ng	99
25) Fluoranthene	19.19	202	235366	4.01	ng	# 96
27) Benzidine	19.38	184	27649	1.36	ng	# 76
28) Pyrene	19.55	202	260788	4.08	ng	99
30) Benzo(a)anthracene	21.29	228	230459	3.34	ng	# 91
31) 3,3'-Dichlorobenzidine	21.22	252	46311	1.31	ng	# 85
32) Chrysene	21.29	228	230457	3.21	ng	# 87
33) Bis(2-ethylhexyl)phthalate	21.20	149	110106	5.26	ng	# 85
34) Indeno(1,2,3-cd)pyrene	26.29	276	253316	3.96	ng	97
36) Benzo(b)fluoranthene	23.00	252	266332	4.05	ng	# 95
37) Benzo(k)fluoranthene	23.04	252	226726	3.39	ng	# 96
38) Benzo(a)pyrene	23.63	252	222598	3.59	ng	# 97
39) Dibenzo(a,h)anthracene	26.32	278	213474	3.64	ng	97
40) Benzo(g,h,i)perylene	27.09	276	214057	3.59	ng	95

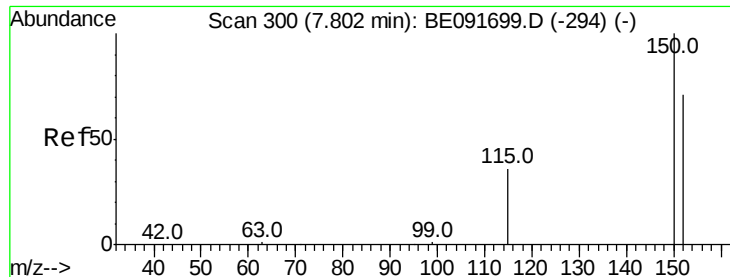
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BE091724.D

Acq: 27 Apr 2016 13:49

Instrument :

BNA_E

ClientSampleId :

PB90018BS

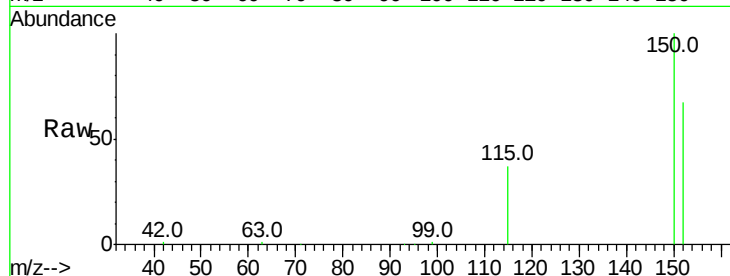
Tot Ion:152 Resp: 38180

Ion Ratio Lower Upper

152 100

150 150.1 122.6 183.8

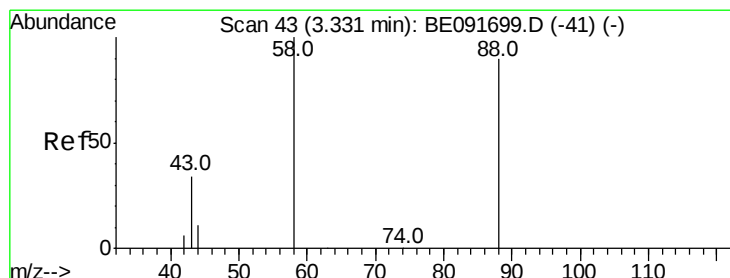
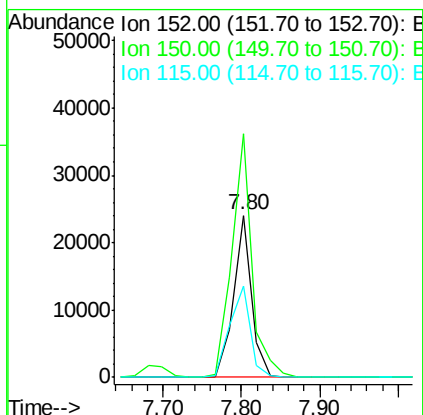
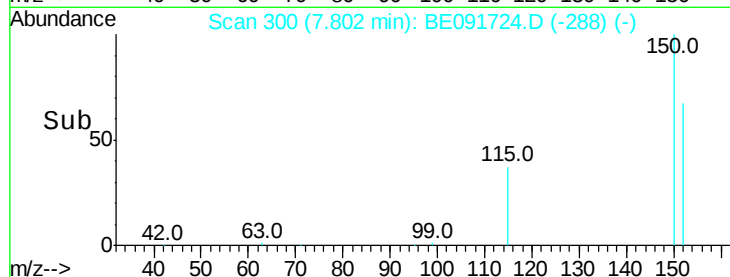
115 56.2 52.8 79.2



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: 2.96 ng

RT: 3.33 min Scan# 43

Delta R.T. 0.00 min

Lab File: BE091724.D

Acq: 27 Apr 2016 13:49

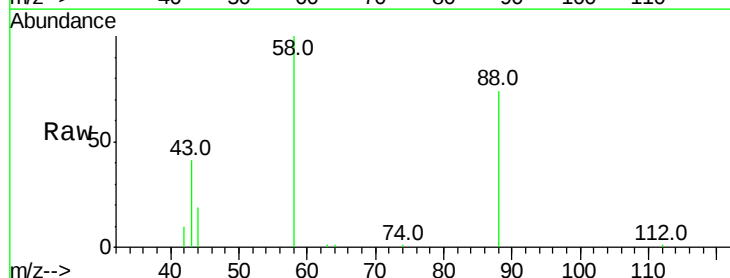
Tgt Ion: 88 Resp: 13319

Ion Ratio Lower Upper

88 100

58 90.6 65.8 98.6

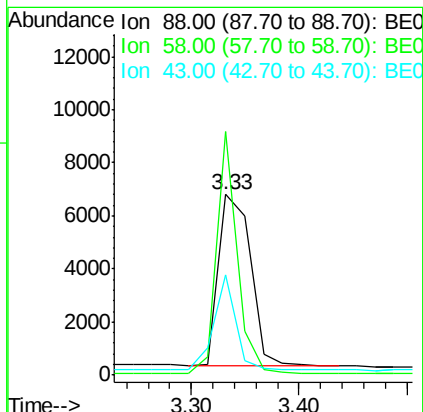
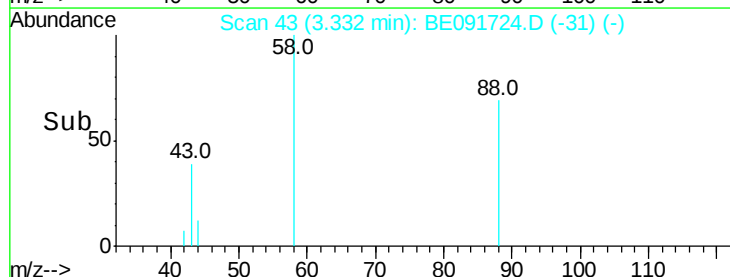
43 38.1 25.3 37.9#

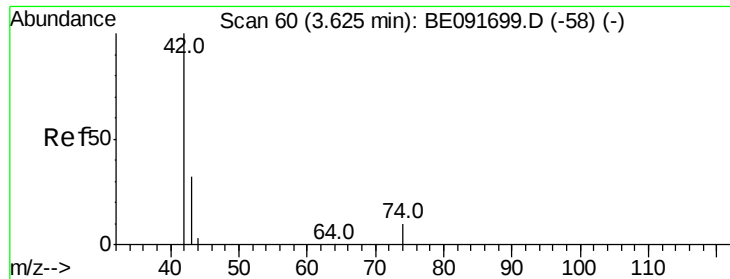


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#3

n-Nitrosodimethylamine

Concen: 3.10 ng

RT: 3.63 min Scan# 60

Delta R.T. 0.00 min

Lab File: BE091724.D

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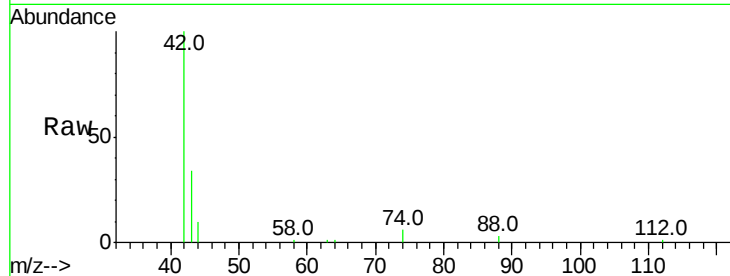
Tot Ion: 42 Resp: 21480

Ion Ratio Lower Upper

42 100

74 98.9 87.9 131.9

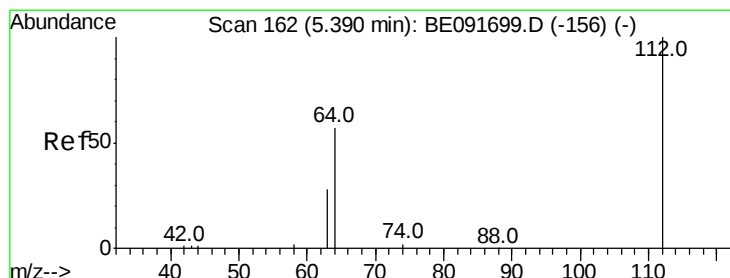
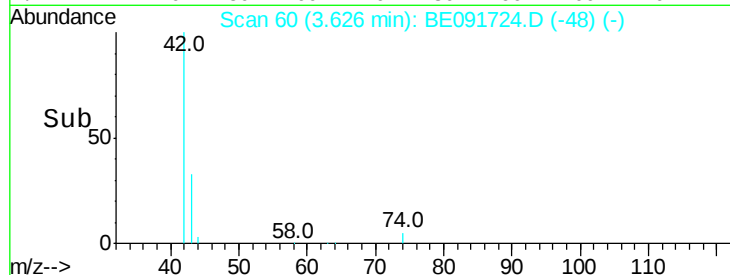
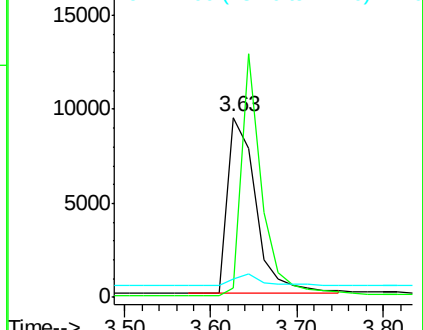
44 5.9 6.6 9.8#



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: 5.77 ng

RT: 5.39 min Scan# 162

Delta R.T. 0.00 min

Lab File: BE091724.D

Acq: 27 Apr 2016 13:49

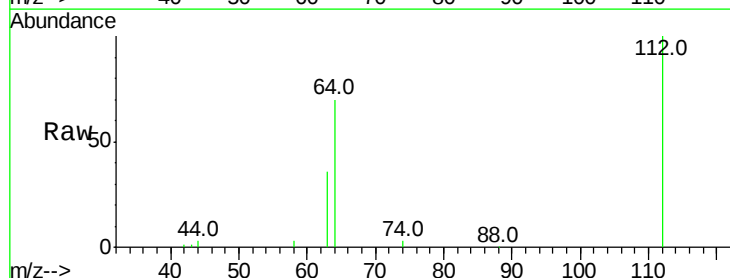
Tgt Ion: 112 Resp: 54074

Ion Ratio Lower Upper

112 100

64 67.2 30.9 46.3#

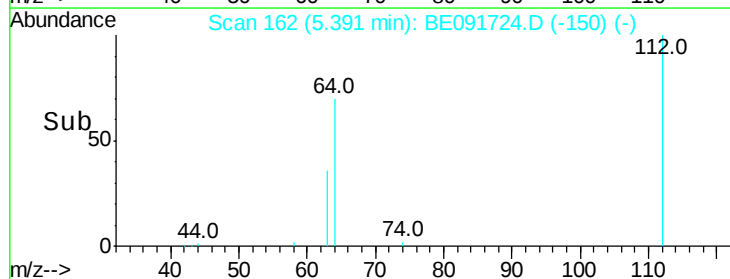
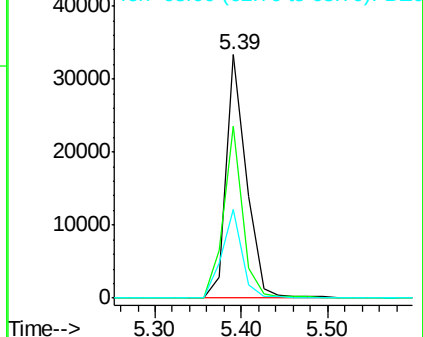
63 36.5 16.7 25.1#

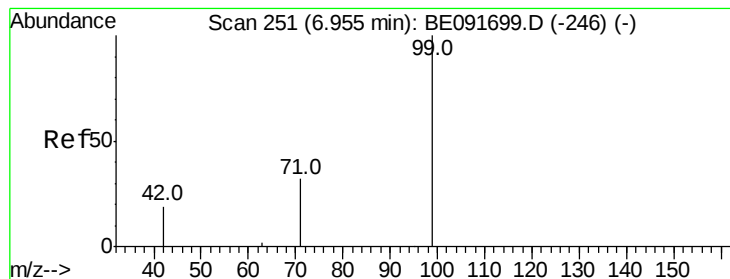


Abundance Ion 112.00 (111.70 to 112.70): BE0

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 6.16 ng

RT: 6.95 min Scan# 251

Delta R.T. -0.00 min

Lab File: BE091724.D

Acq: 27 Apr 2016 13:49

Instrument :

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ClientSampleId :

PB90018BS

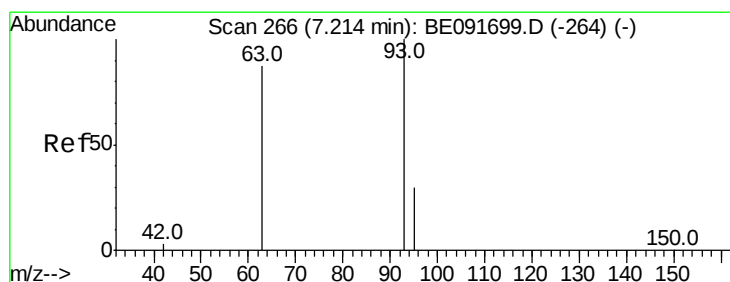
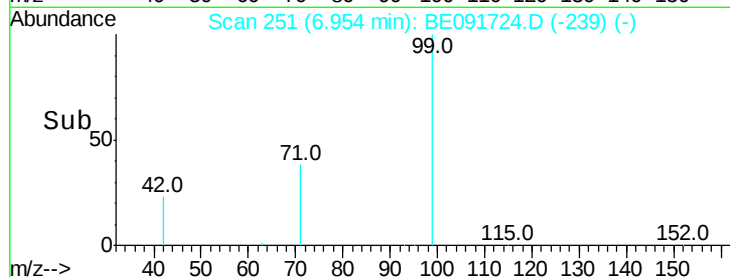
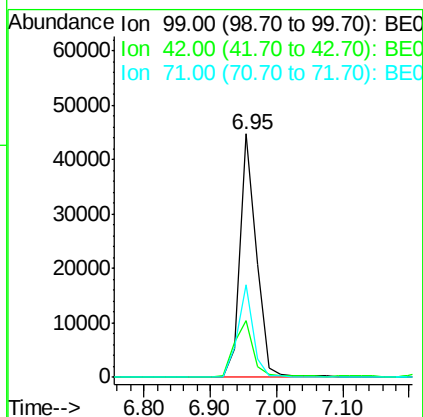
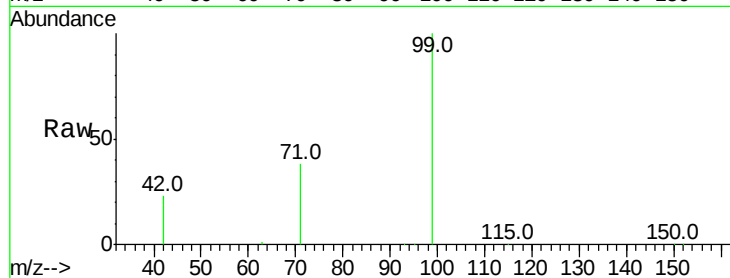
Tot Ion: 99 Resp: 76663

Ion Ratio Lower Upper

99 100

42 25.9 16.2 24.2#

71 36.0 29.0 43.4



#6

bis(2-Chloroethyl)ether

Concen: 3.13 ng

RT: 7.21 min Scan# 266

Delta R.T. -0.00 min

Lab File: BE091724.D

Acq: 27 Apr 2016 13:49

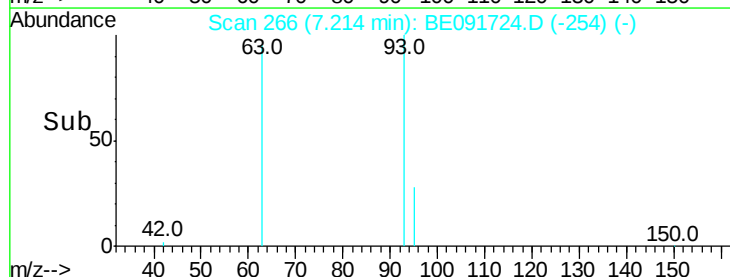
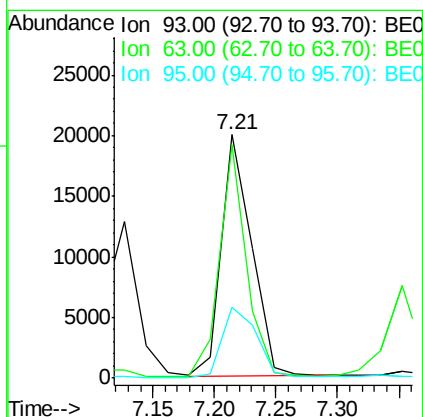
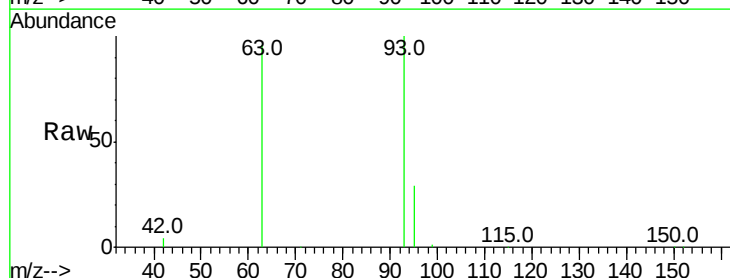
Tgt Ion: 93 Resp: 34266

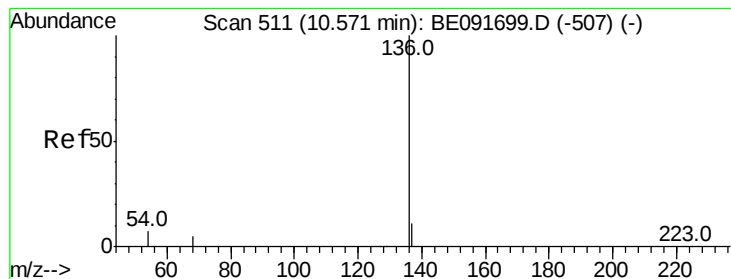
Ion Ratio Lower Upper

93 100

63 85.5 49.5 74.3#

95 32.8 22.2 33.4





#7

Naphthalene-d8

Concen: 5.00 ng

RT: 10.57 min Scan# 511

Delta R.T. 0.00 min

Lab File: BE091724.D

Acq: 27 Apr 2016 13:49

Instrument :

BNA_E

ClientSampleId :

PB90018BS

Tot Ion:136 Resp: 174021

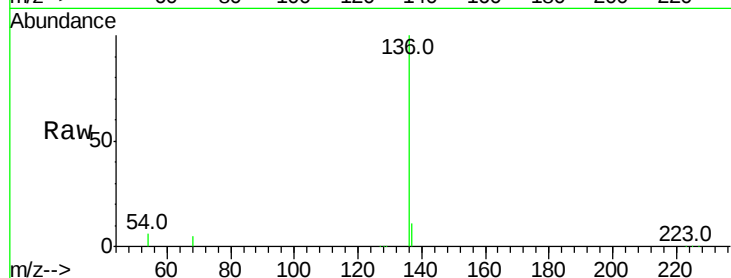
Ion Ratio Lower Upper

136 100

137 11.2 8.9 13.3

54 6.5 8.2 12.4#

68 4.9 6.2 9.4#



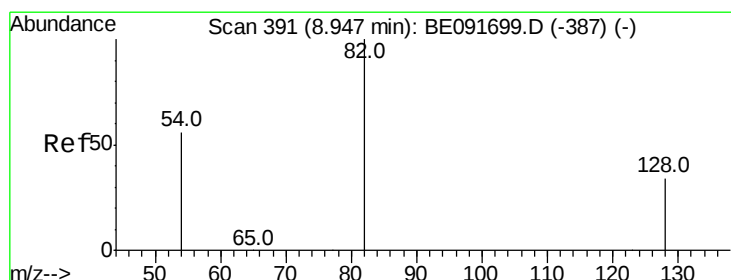
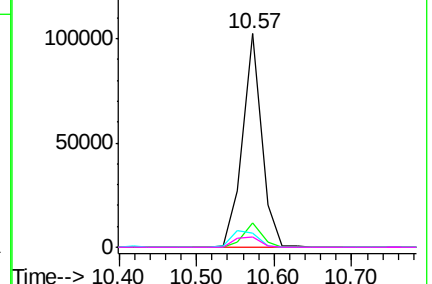
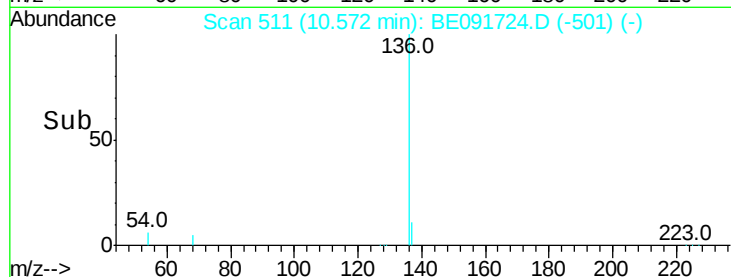
Abundance

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: 3.14 ng

RT: 8.95 min Scan# 391

Delta R.T. -0.00 min

Lab File: BE091724.D

Acq: 27 Apr 2016 13:49

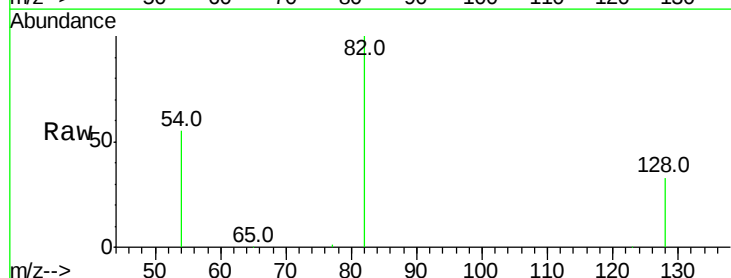
Tgt Ion: 82 Resp: 35225

Ion Ratio Lower Upper

82 100

128 33.2 25.4 38.0

54 54.7 48.4 72.6

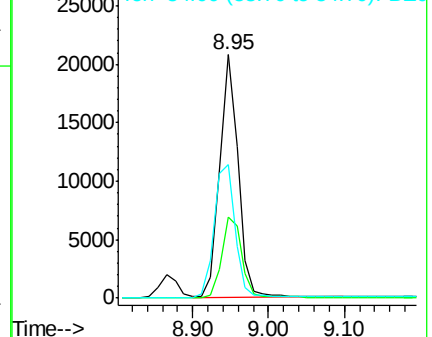
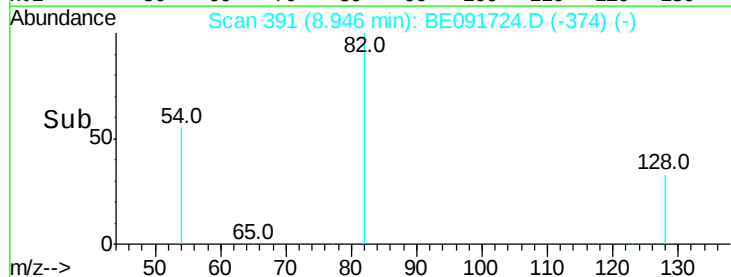


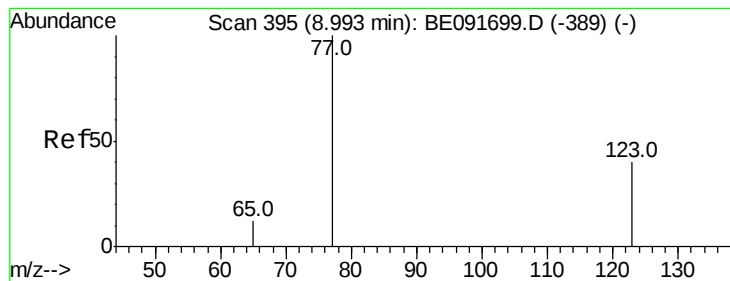
Abundance

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: 3.18 ng

RT: 8.99 min Scan# 395

Delta R.T. -0.00 min

Lab File: BE091724.D

Acq: 27 Apr 2016 13:49

Instrument :

BNA_E

ClientSampleId :

PB90018BS

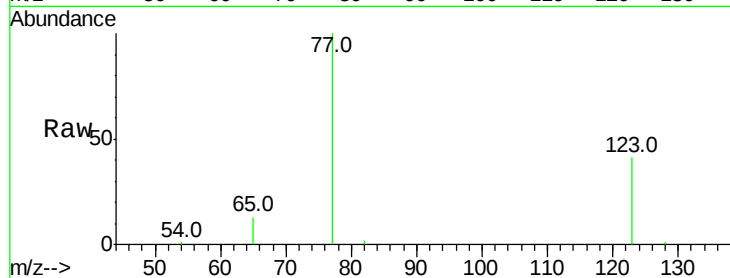
Tot Ion: 77 Resp: 37310

Ion Ratio Lower Upper

77 100

123 37.7 26.9 40.3

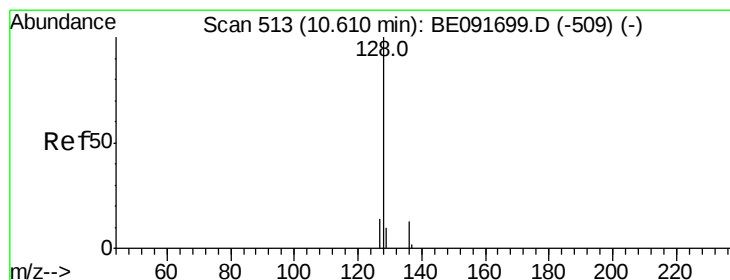
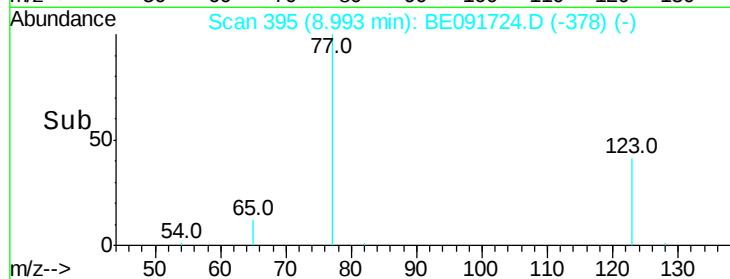
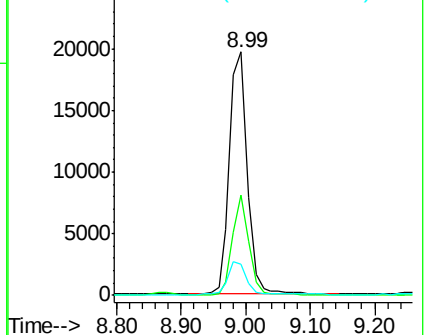
65 13.8 9.4 14.2



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) (-)



#10

Naphthalene

Concen: 3.22 ng

RT: 10.61 min Scan# 513

Delta R.T. 0.00 min

Lab File: BE091724.D

Acq: 27 Apr 2016 13:49

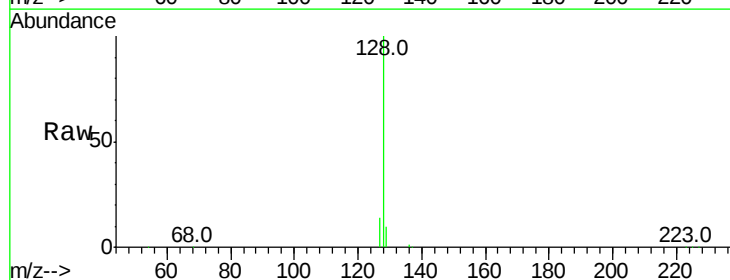
Tgt Ion: 128 Resp: 113321

Ion Ratio Lower Upper

128 100

129 10.2 9.3 13.9

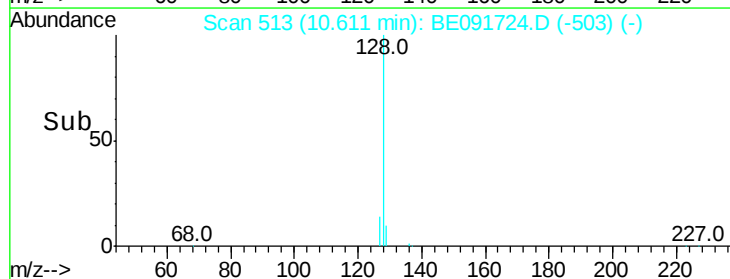
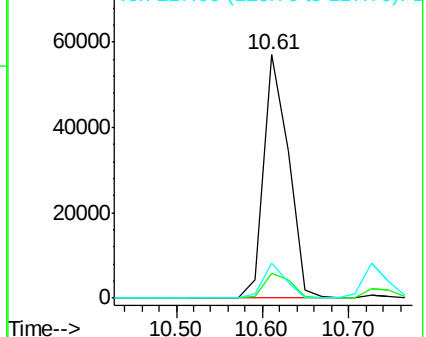
127 14.1 10.7 16.1

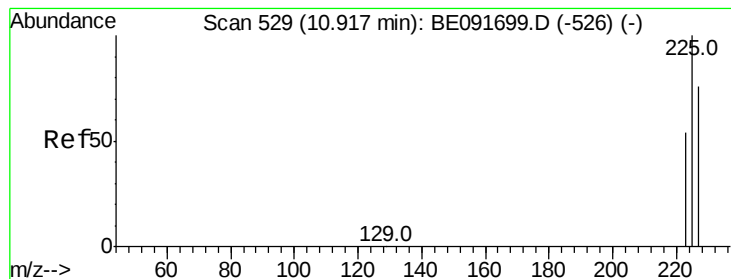


Abundance Ion 128.00 (127.70 to 128.70): BE091699.D (-509) (-)

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

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





#11

Hexachlorobutadiene

Concen: 3.41 ng

RT: 10.90 min Scan# 528

Delta R.T. -0.02 min

Lab File: BE091724.D

Acq: 27 Apr 2016 13:49

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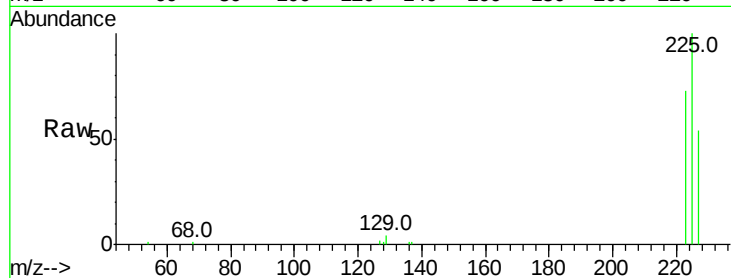
Tot Ion:225 Resp: 17675

Ion Ratio Lower Upper

225 100

223 64.5 49.0 73.6

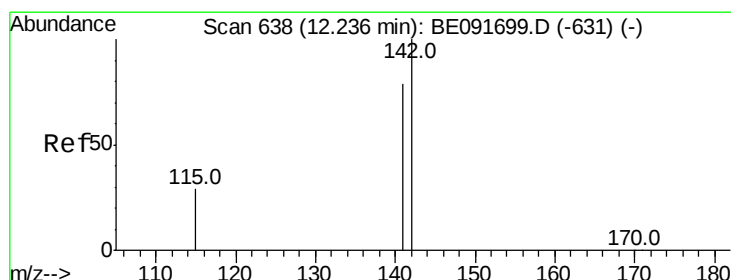
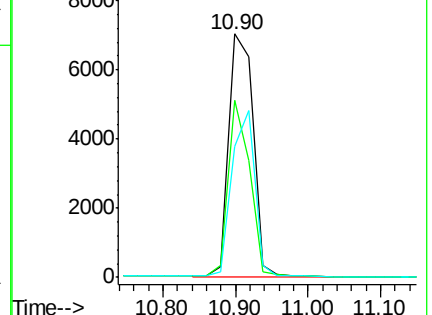
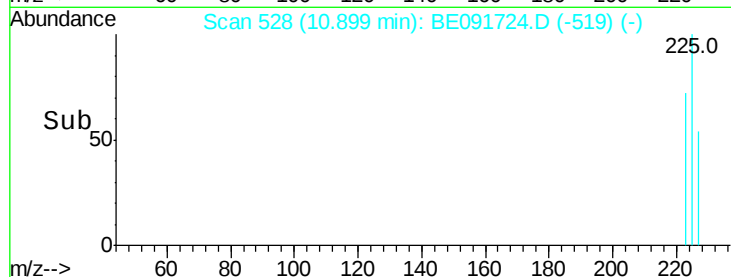
227 65.0 50.3 75.5



Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E



#12

2-Methylnaphthalene

Concen: 3.51 ng

RT: 12.23 min Scan# 637

Delta R.T. -0.01 min

Lab File: BE091724.D

Acq: 27 Apr 2016 13:49

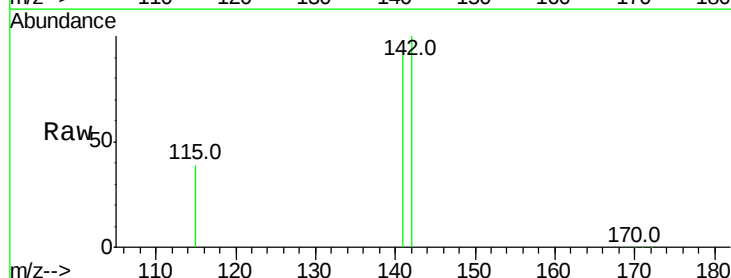
Tgt Ion:142 Resp: 79320

Ion Ratio Lower Upper

142 100

141 92.9 71.4 107.0

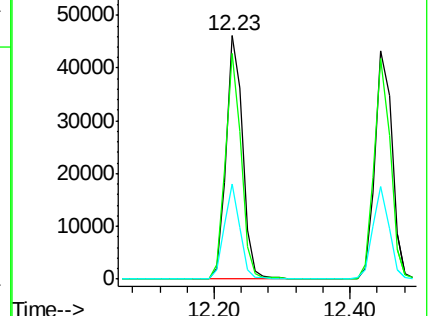
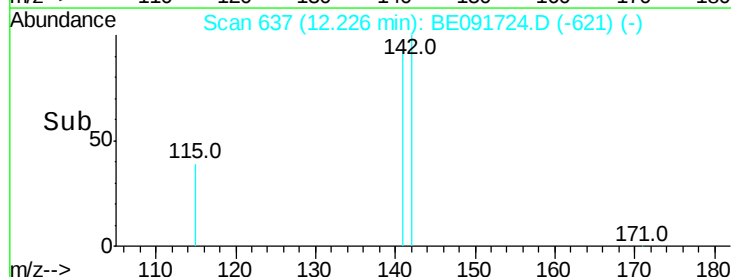
115 38.9 30.3 45.5

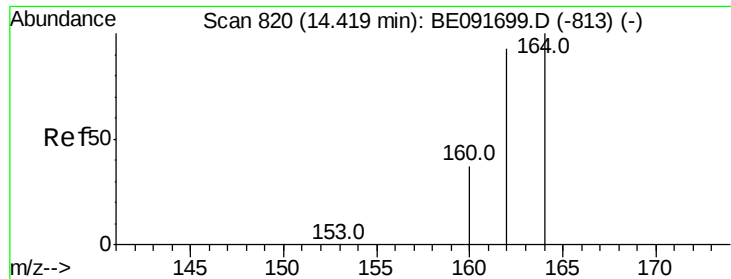


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E





#13

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.41 min Scan# 819

Delta R.T. -0.01 min

Lab File: BE091724.D

Acq: 27 Apr 2016 13:49

Instrument :

BNA_E

ClientSampleId :

PB90018BS

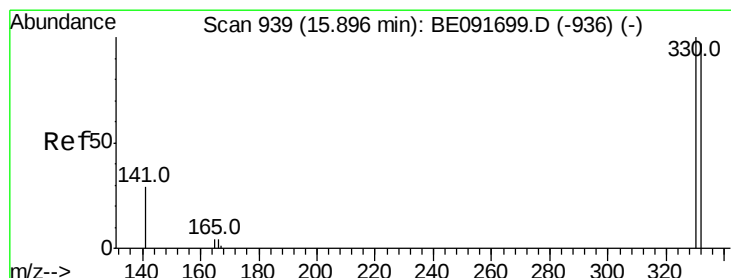
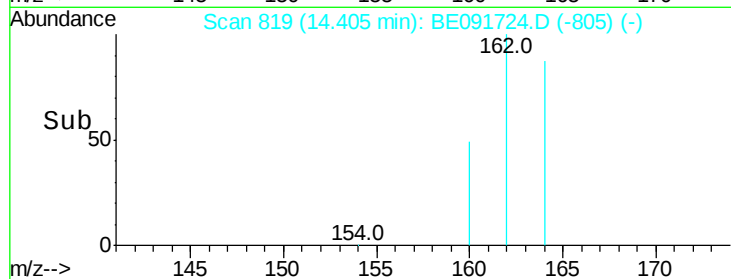
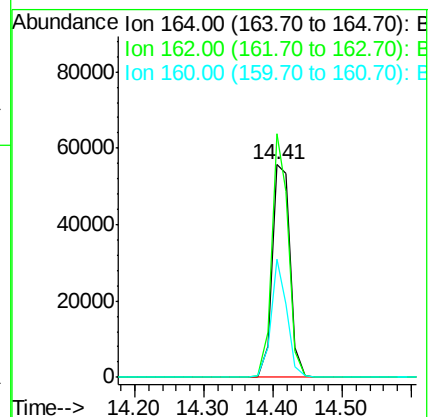
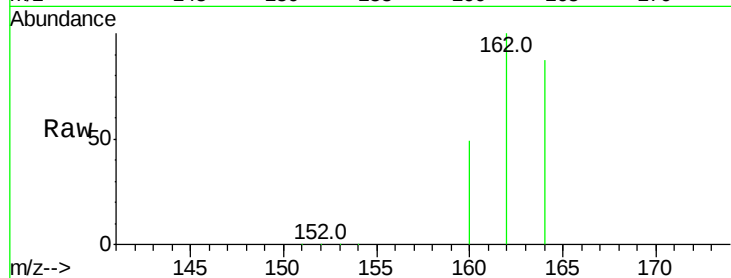
Tot Ion:164 Resp: 101549

Ion Ratio Lower Upper

164 100

162 114.4 85.3 127.9

160 55.6 46.2 69.2



#14

2,4,6-Tribromophenol

Concen: 6.21 ng

RT: 15.90 min Scan# 939

Delta R.T. -0.00 min

Lab File: BE091724.D

Acq: 27 Apr 2016 13:49

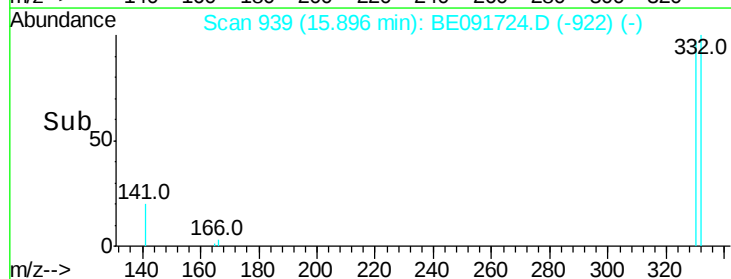
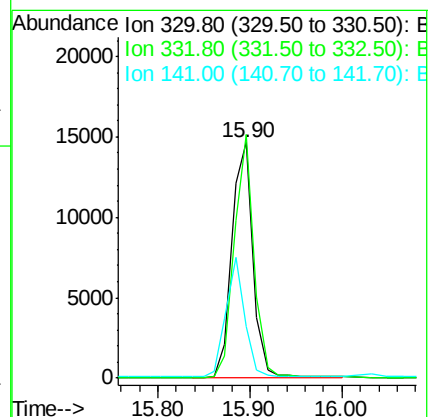
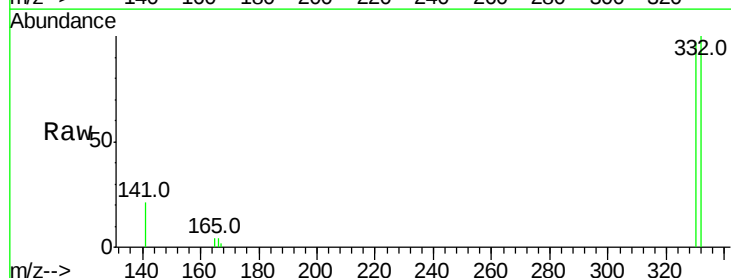
Tgt Ion:330 Resp: 23354

Ion Ratio Lower Upper

330 100

332 96.3 79.1 118.7

141 45.4 125.4 188.0#

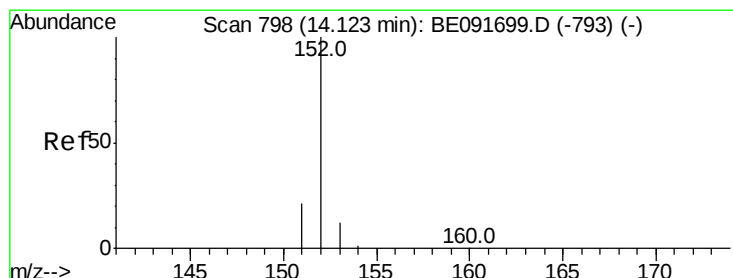
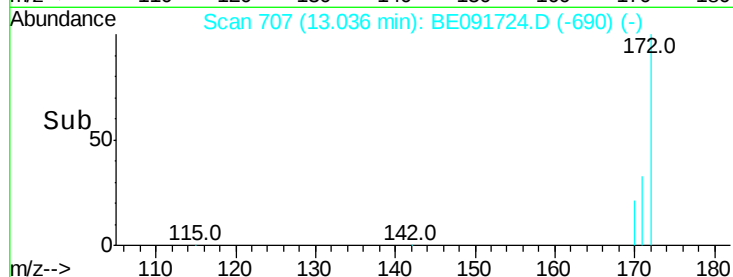
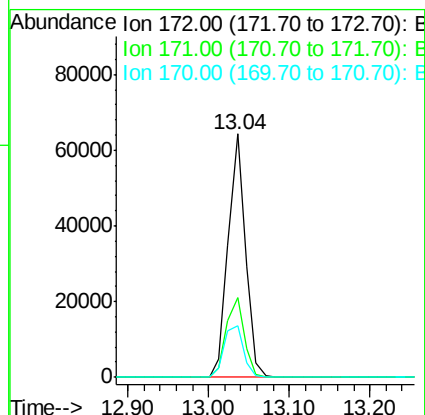
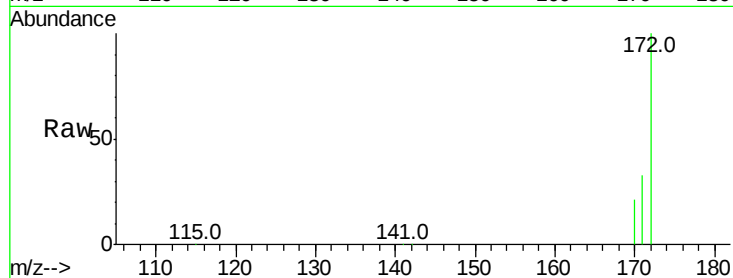




#15
2-Fluorobiphenyl
Concen: 3.33 ng
RT: 13.04 min Scan# 707
Delta R.T. 0.00 min
Lab File: BE091724.D
Acq: 27 Apr 2016 13:49

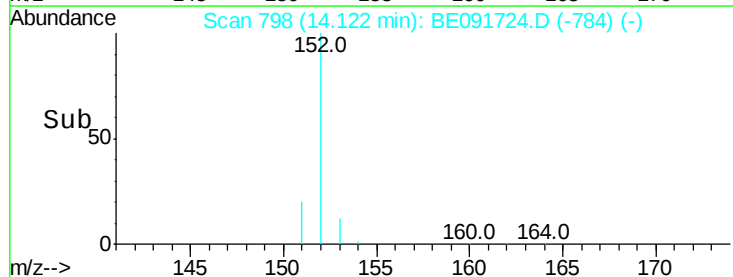
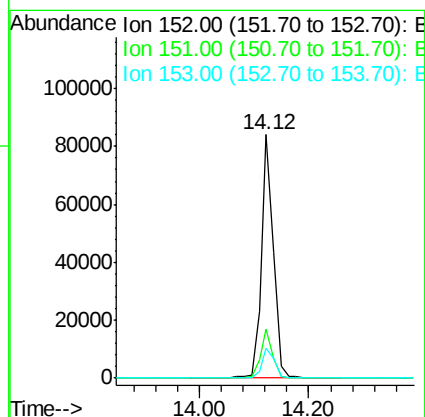
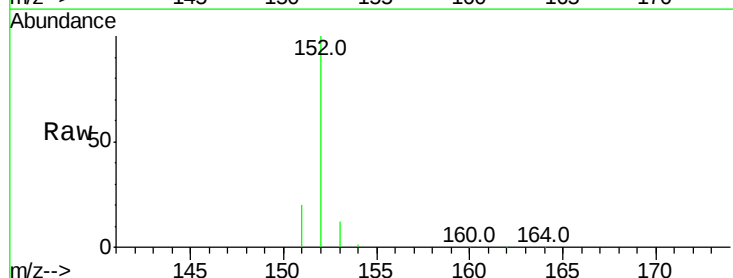
Instrument :
BNA_E
ClientSampleId :
PB90018BS

Tot Ion:172 Resp: 95731
Ion Ratio Lower Upper
172 100
171 33.0 28.8 43.2
170 21.1 19.3 28.9



#16
Acenaphthylene
Concen: 3.54 ng
RT: 14.12 min Scan# 798
Delta R.T. -0.00 min
Lab File: BE091724.D
Acq: 27 Apr 2016 13:49

Tgt Ion:152 Resp: 138354
Ion Ratio Lower Upper
152 100
151 20.1 3.9 5.9#
153 13.5 10.3 15.5

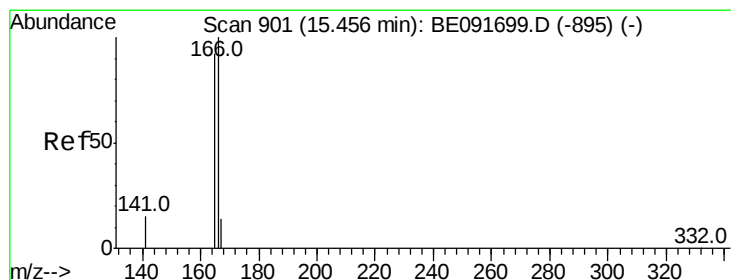
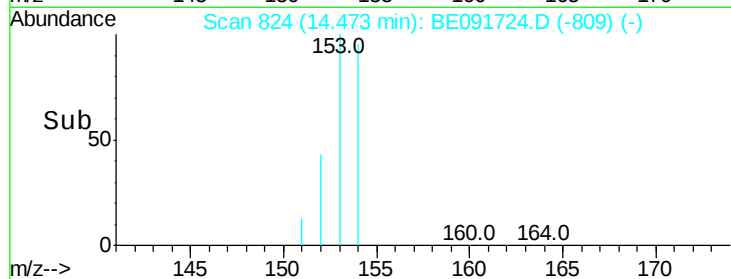
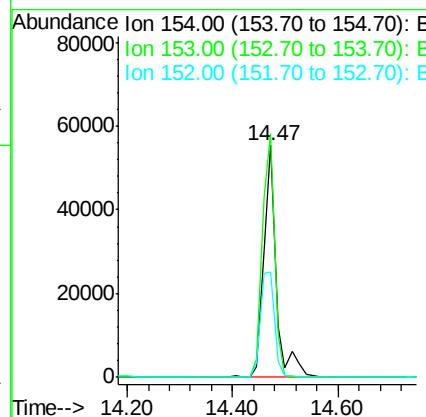
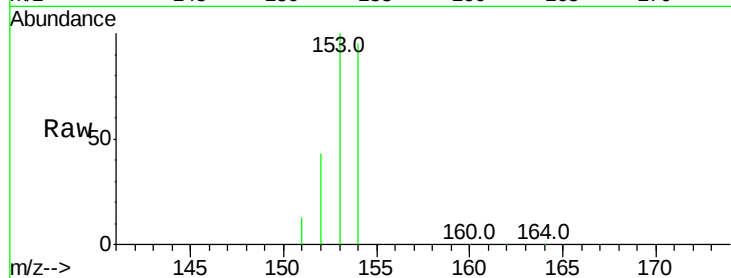




#17
Acenaphthene
Concen: 3.64 ng
RT: 14.47 min Scan# 824
Delta R.T. -0.00 min
Lab File: BE091724.D
Acq: 27 Apr 2016 13:49

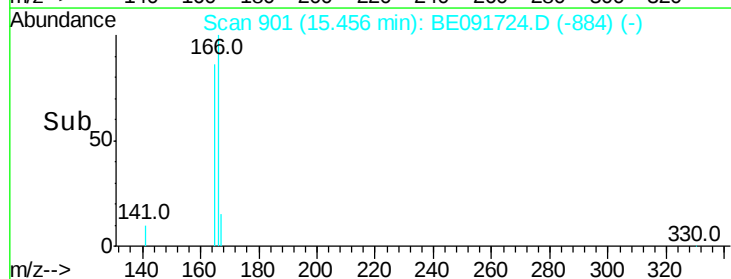
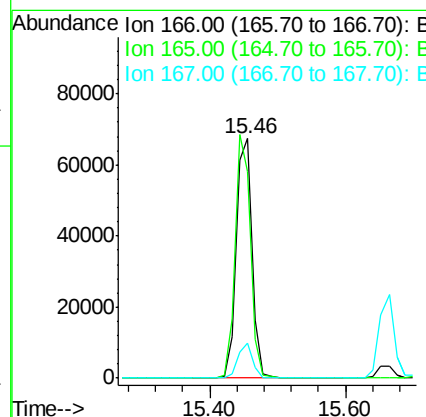
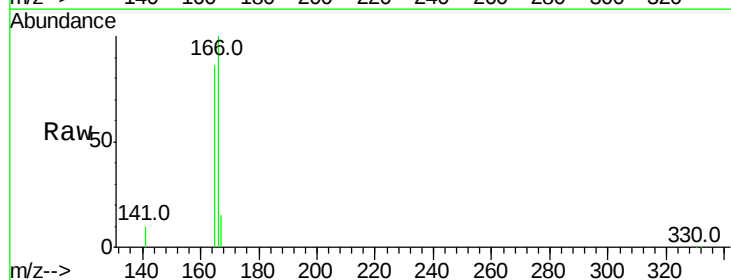
Instrument :
BNA_E
ClientSampleId :
PB90018BS

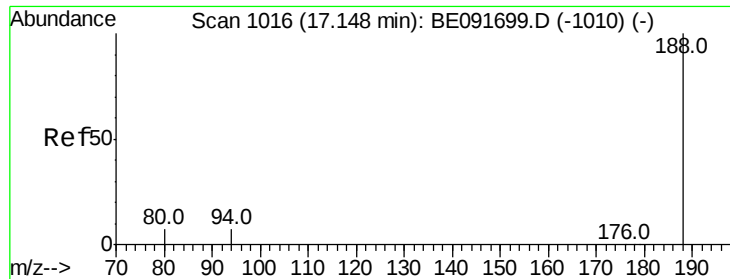
Tot Ion:154 Resp: 92196
Ion Ratio Lower Upper
154 100
153 102.2 80.0 120.0
152 50.4 40.0 60.0



#18
Fluorene
Concen: 3.51 ng
RT: 15.46 min Scan# 901
Delta R.T. -0.00 min
Lab File: BE091724.D
Acq: 27 Apr 2016 13:49

Tgt Ion:166 Resp: 110532
Ion Ratio Lower Upper
166 100
165 98.5 80.8 121.2
167 13.5 10.9 16.3





#19

Phenanthrene-d10

Concen: 5.00 ng

RT: 17.15 min Scan# 1016

Delta R.T. -0.00 min

Lab File: BE091724.D

Acq: 27 Apr 2016 13:49

Instrument :

BNA_E

ClientSampleId :

PB90018BS

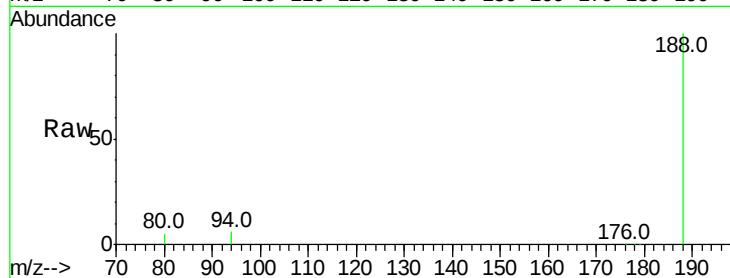
Tot Ion:188 Resp: 246955

Ion Ratio Lower Upper

188 100

94 6.0 8.7 13.1#

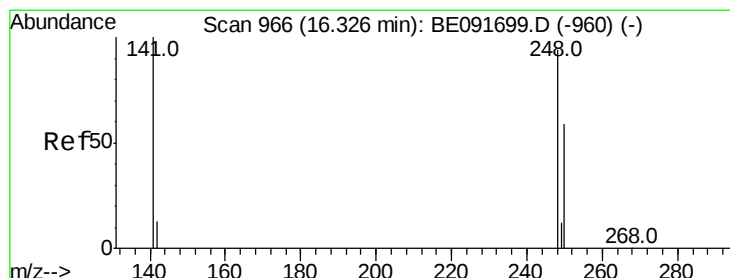
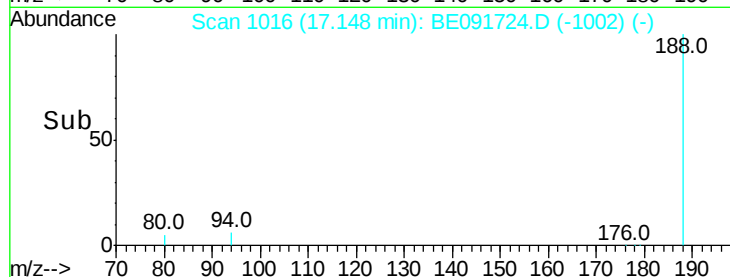
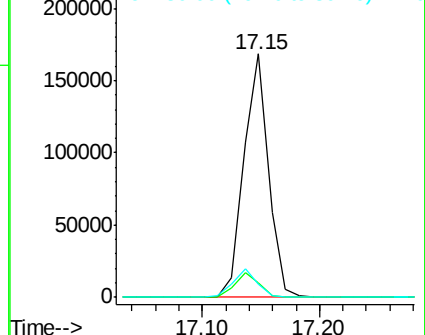
80 5.3 9.4 14.0#



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: 3.57 ng

RT: 16.33 min Scan# 966

Delta R.T. -0.00 min

Lab File: BE091724.D

Acq: 27 Apr 2016 13:49

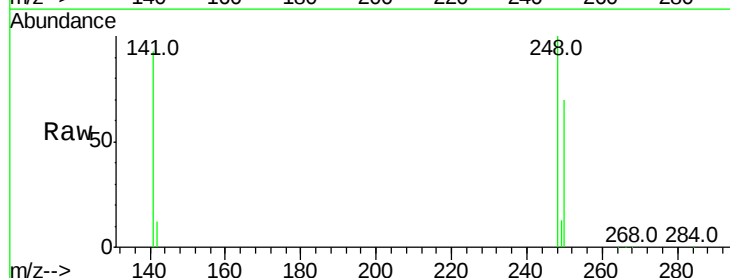
Tgt Ion:248 Resp: 31684

Ion Ratio Lower Upper

248 100

250 95.0 80.5 120.7

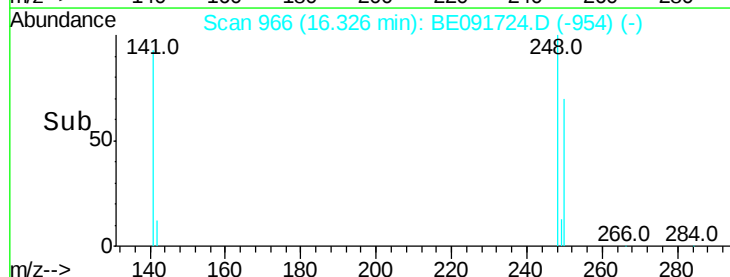
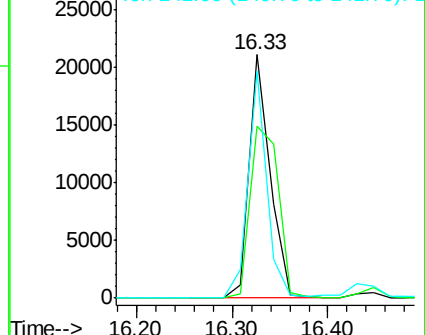
141 83.4 72.0 108.0

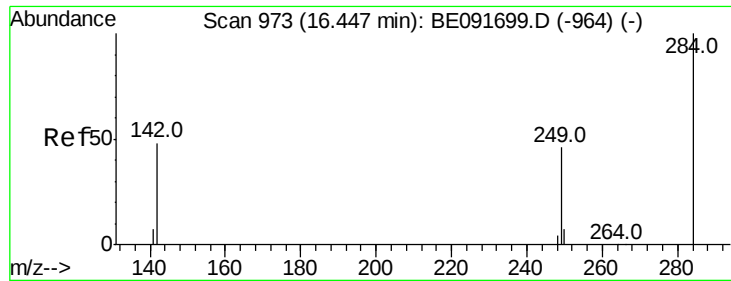


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

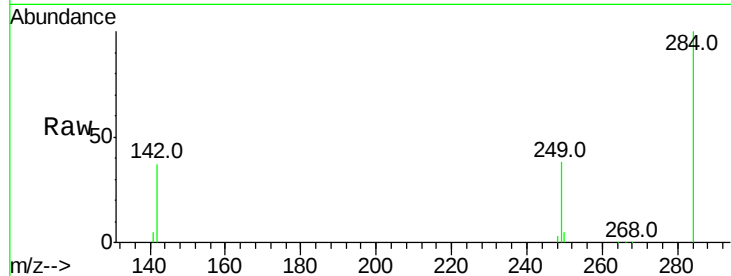




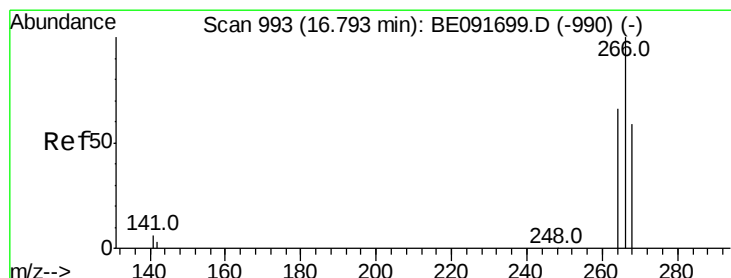
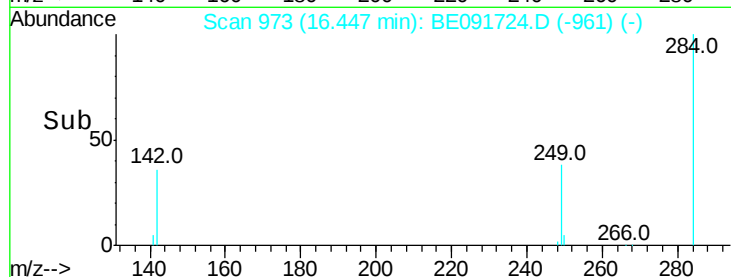
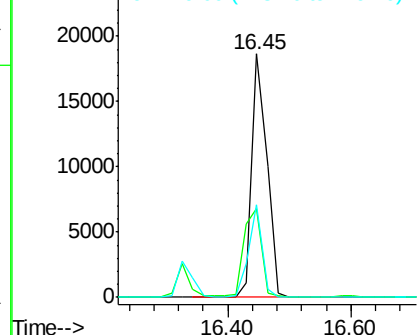
#21
Hexachlorobenzene
Concen: 3.50 ng
RT: 16.45 min Scan# 973
Delta R.T. -0.00 min
Lab File: BE091724.D
Acq: 27 Apr 2016 13:49

Instrument :
BNA_E
ClientSampleId :
PB90018BS

Tot Ion:284 Resp: 31117
Ion Ratio Lower Upper
284 100
142 42.4 32.2 48.2
249 34.0 25.4 38.2

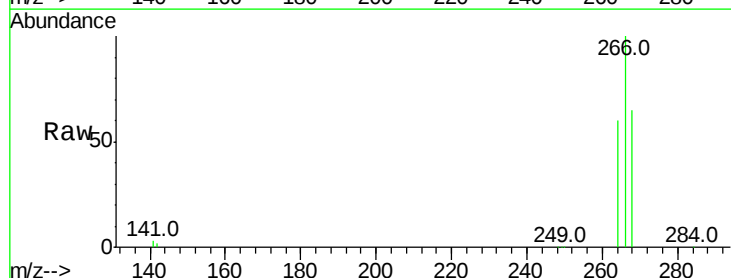


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

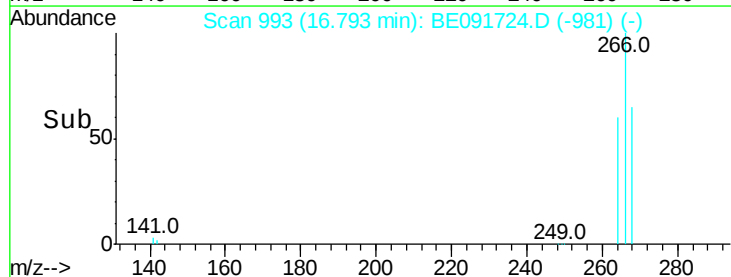
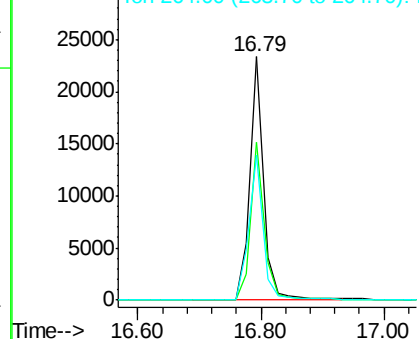


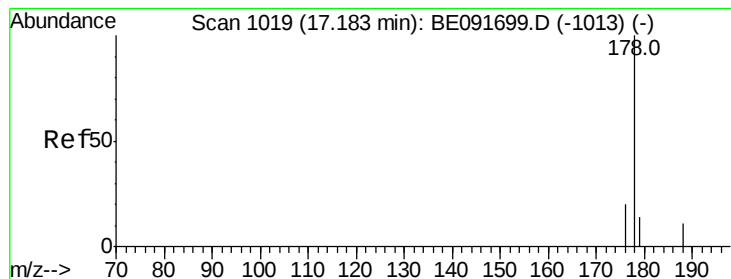
#22
Pentachlorophenol
Concen: 7.47 ng
RT: 16.79 min Scan# 993
Delta R.T. 0.00 min
Lab File: BE091724.D
Acq: 27 Apr 2016 13:49

Tgt Ion:266 Resp: 35834
Ion Ratio Lower Upper
266 100
268 65.1 58.2 87.2
264 59.7 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: 3.66 ng

RT: 17.18 min Scan# 1019

Delta R.T. -0.00 min

Lab File: BE091724.D

Acq: 27 Apr 2016 13:49

Instrument :

BNA_E

ClientSampleId :

PB90018BS

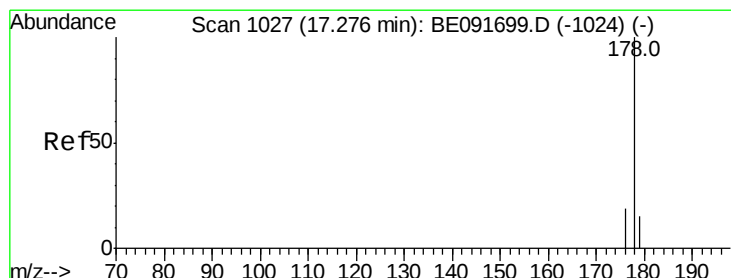
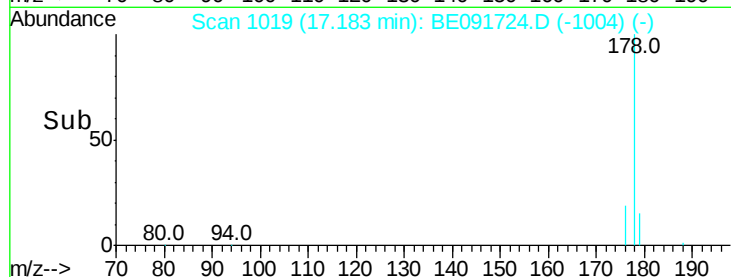
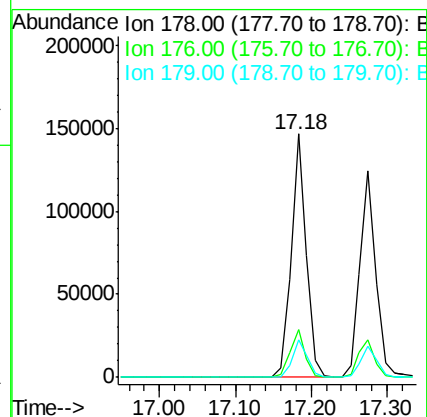
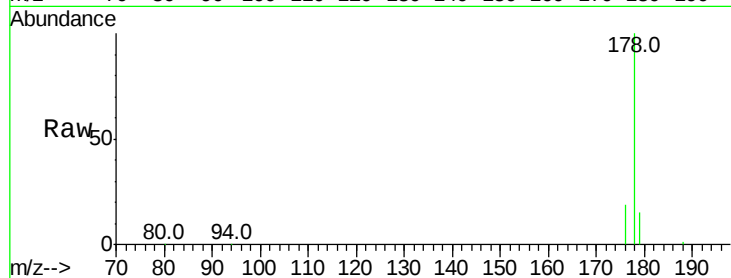
Tot Ion:178 Resp: 205339

Ion Ratio Lower Upper

178 100

176 19.5 15.3 22.9

179 15.6 12.6 18.8



#24

Anthracene

Concen: 3.60 ng

RT: 17.28 min Scan# 1027

Delta R.T. -0.00 min

Lab File: BE091724.D

Acq: 27 Apr 2016 13:49

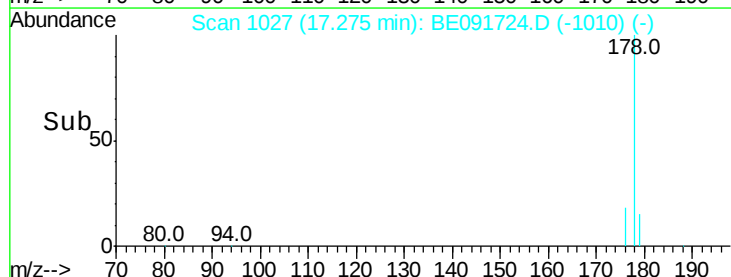
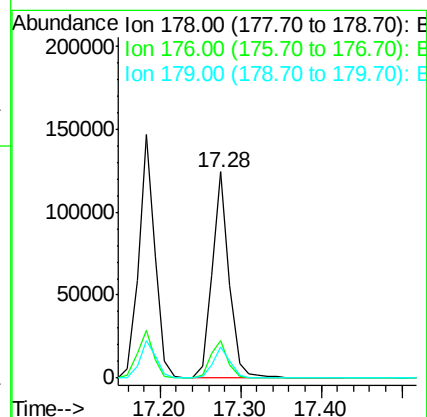
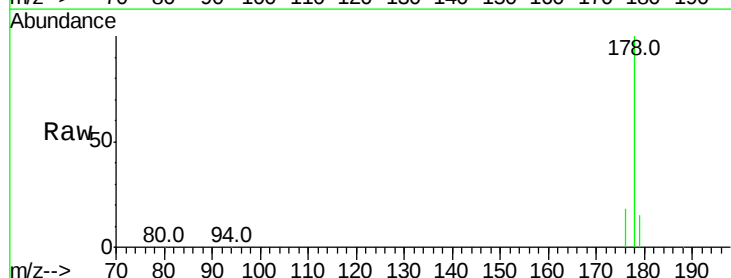
Tgt Ion:178 Resp: 182295

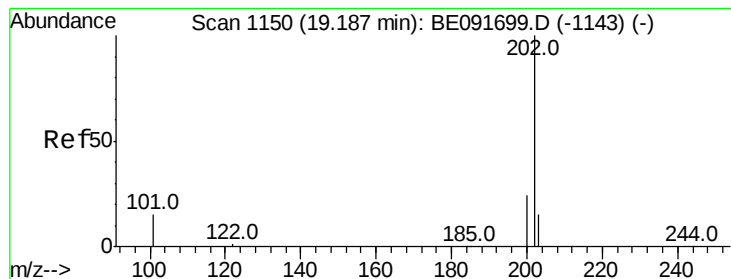
Ion Ratio Lower Upper

178 100

176 18.9 14.6 21.8

179 15.1 11.8 17.6





#25

Fluoranthene

Concen: 4.01 ng

RT: 19.19 min Scan# 1150

Delta R.T. -0.00 min

Lab File: BE091724.D

Acq: 27 Apr 2016 13:49

Instrument :

BNA_E

ClientSampleId :

PB90018BS

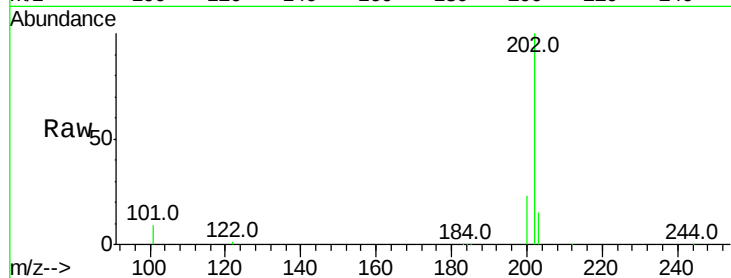
Tot Ion:202 Resp: 235366

Ion Ratio Lower Upper

202 100

101 10.9 11.0 16.6#

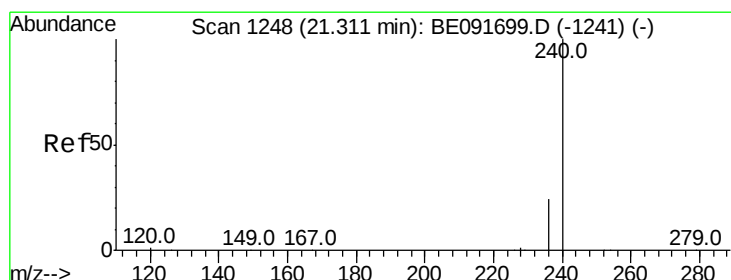
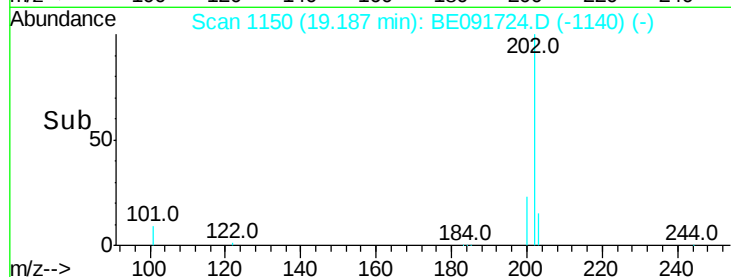
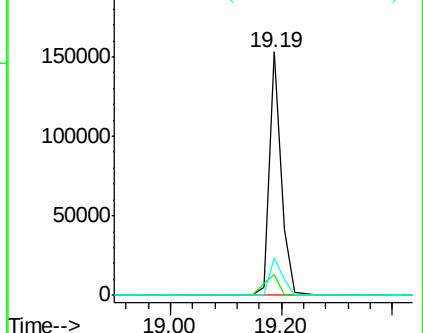
203 17.1 13.9 20.9



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: 21.31 min Scan# 1248

Delta R.T. 0.00 min

Lab File: BE091724.D

Acq: 27 Apr 2016 13:49

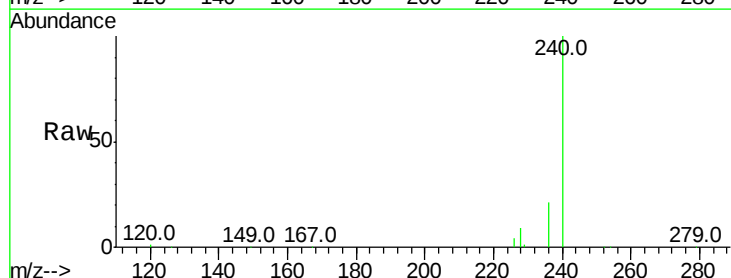
Tgt Ion:240 Resp: 282857

Ion Ratio Lower Upper

240 100

120 0.8 11.0 16.4#

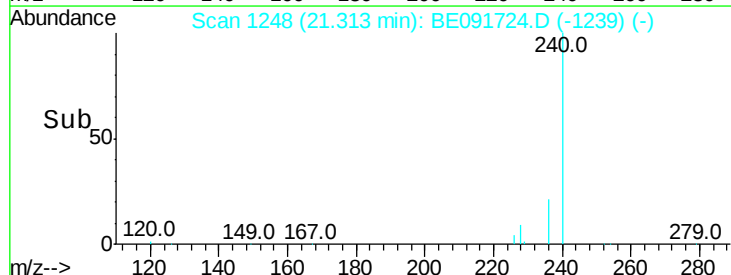
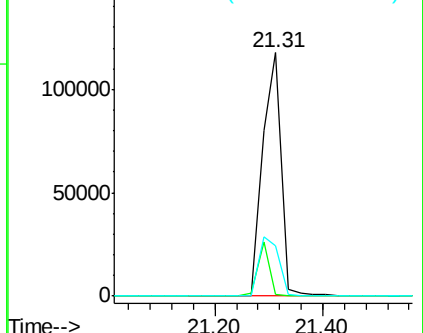
236 20.9 21.7 32.5#

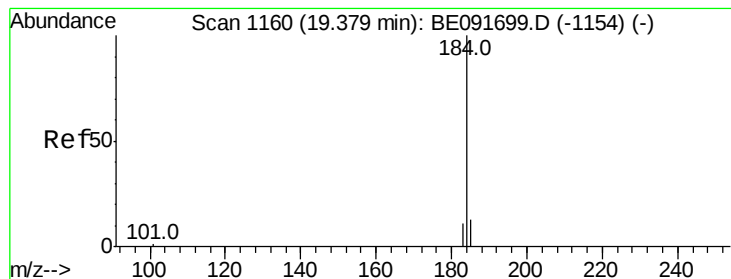


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#27

Benzidine

Concen: 1.36 ng

RT: 19.38 min Scan# 1160

Delta R.T. 0.00 min

Lab File: BE091724.D

Acq: 27 Apr 2016 13:49

Instrument :

BNA_E

ClientSampleId :

PB90018BS

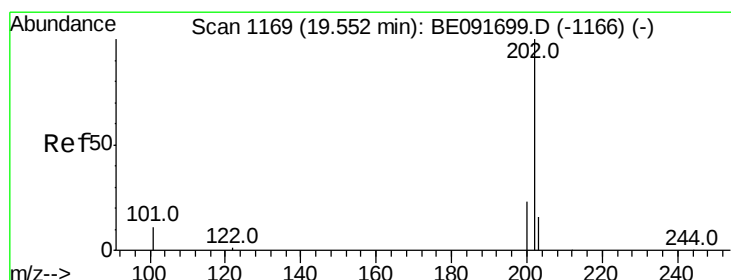
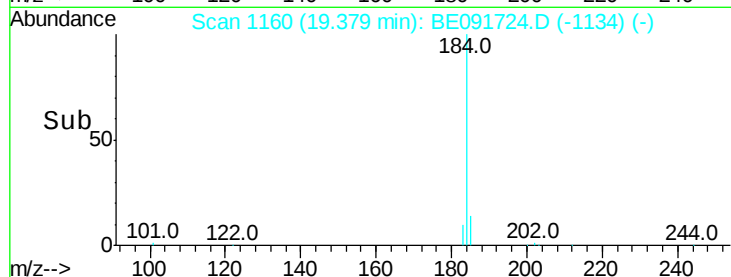
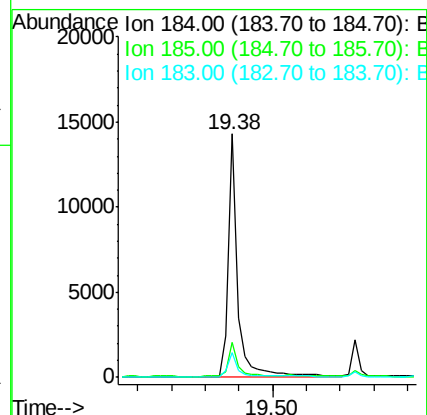
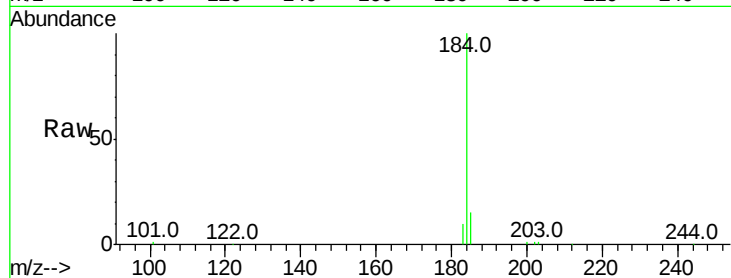
Tot Ion:184 Resp: 27649

Ion Ratio Lower Upper

184 100

185 14.6 22.3 33.5#

183 10.2 16.4 24.6#



#28

Pyrene

Concen: 4.08 ng

RT: 19.55 min Scan# 1169

Delta R.T. -0.00 min

Lab File: BE091724.D

Acq: 27 Apr 2016 13:49

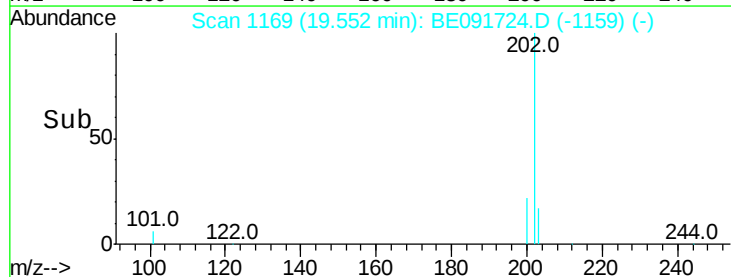
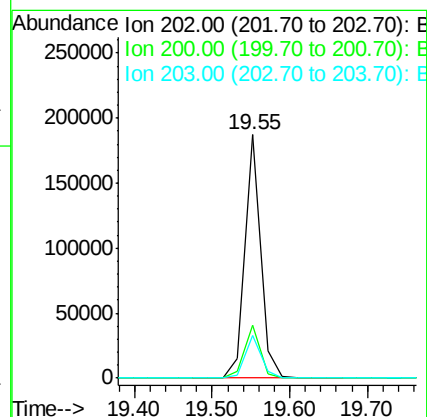
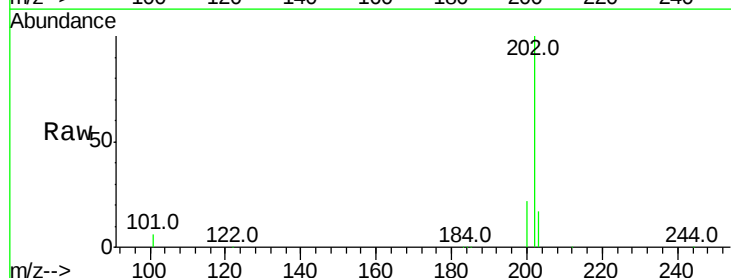
Tgt Ion:202 Resp: 260788

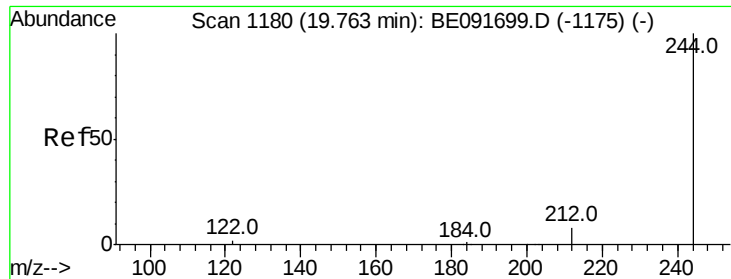
Ion Ratio Lower Upper

202 100

200 21.7 16.8 25.2

203 18.1 14.0 21.0





#29

Terphenyl-d14

Concen: 3.50 ng

RT: 19.76 min Scan# 1180

Delta R.T. -0.00 min

Lab File: BE091724.D

Acq: 27 Apr 2016 13:49

Instrument :

BNA_E

ClientSampleId :

PB90018BS

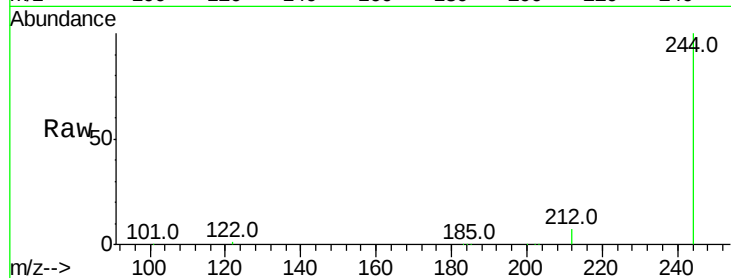
Tot Ion:244 Resp: 154235

Ion Ratio Lower Upper

244 100

212 7.0 6.9 10.3

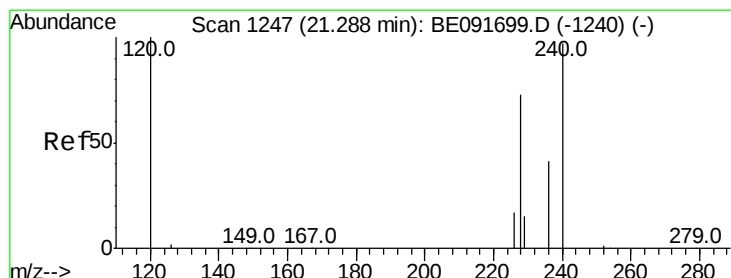
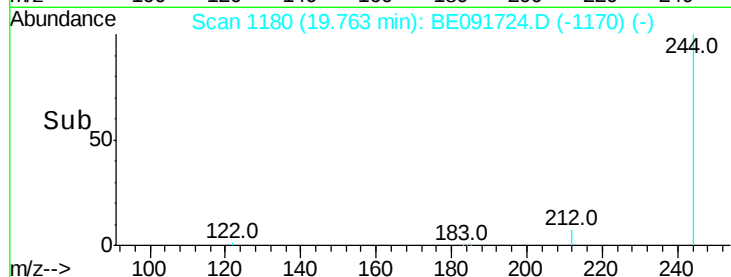
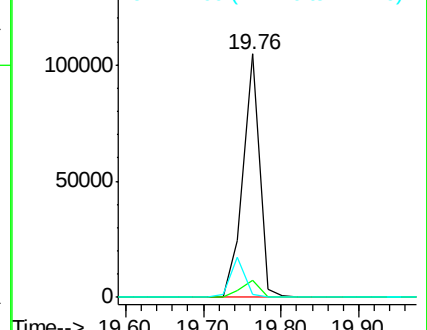
122 1.0 11.0 16.4#



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: 3.34 ng

RT: 21.29 min Scan# 1247

Delta R.T. 0.00 min

Lab File: BE091724.D

Acq: 27 Apr 2016 13:49

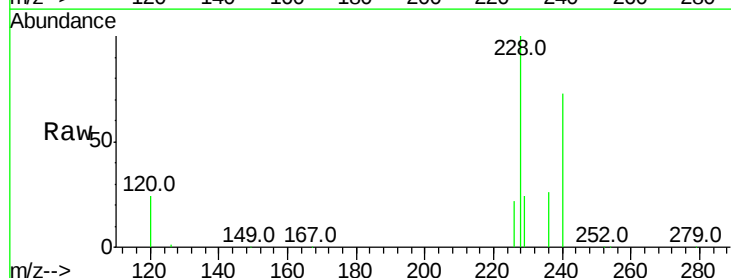
Tgt Ion:228 Resp: 230459

Ion Ratio Lower Upper

228 100

226 21.7 21.0 31.4

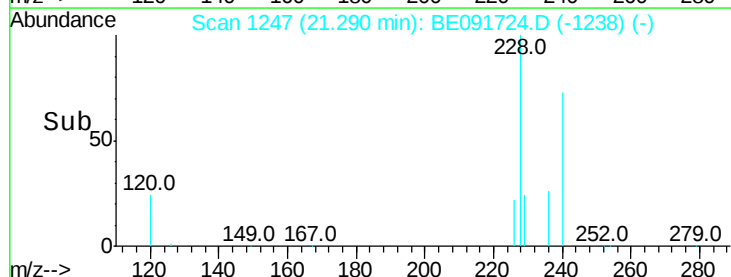
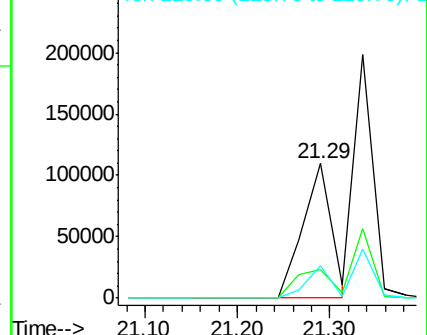
229 23.8 15.7 23.5#

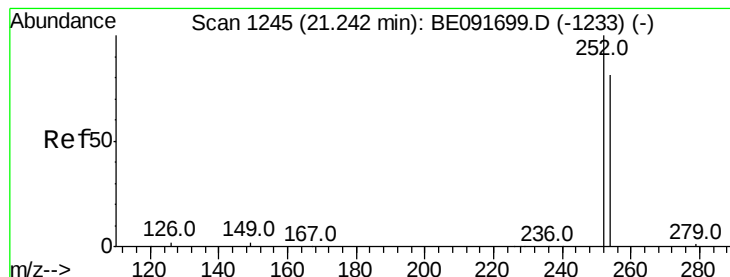


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

3,3'-Dichlorobenzidine

Concen: 1.31 ng

RT: 21.22 min Scan# 1244

Delta R.T. -0.02 min

Lab File: BE091724.D

Acq: 27 Apr 2016 13:49

Instrument :

BNA_E

ClientSampleId :

PB90018BS

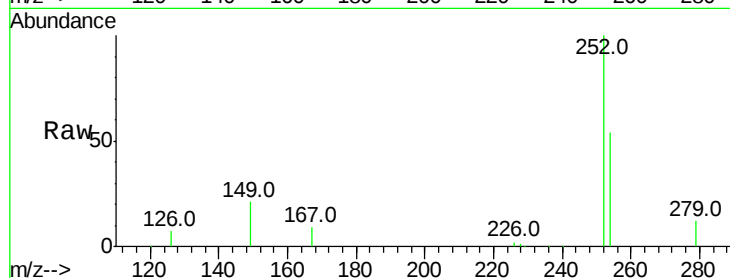
Tot Ion:252 Resp: 46311

Ion Ratio Lower Upper

252 100

254 53.6 51.1 76.7

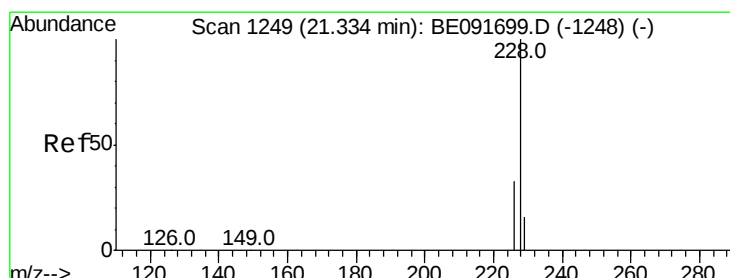
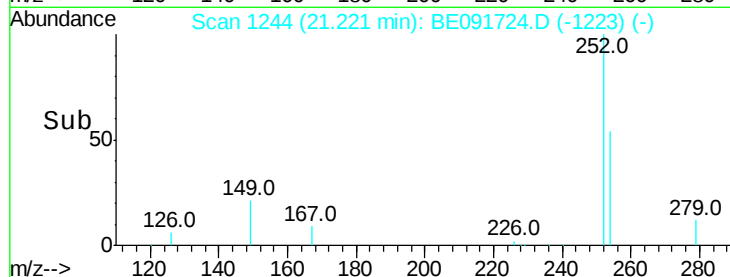
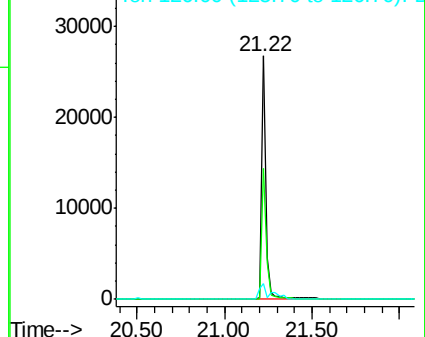
126 6.6 12.6 18.8#



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: 3.21 ng

RT: 21.29 min Scan# 1247

Delta R.T. -0.04 min

Lab File: BE091724.D

Acq: 27 Apr 2016 13:49

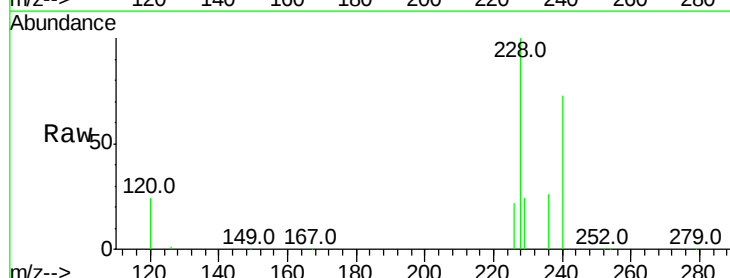
Tgt Ion:228 Resp: 230457

Ion Ratio Lower Upper

228 100

226 21.7 24.0 36.0#

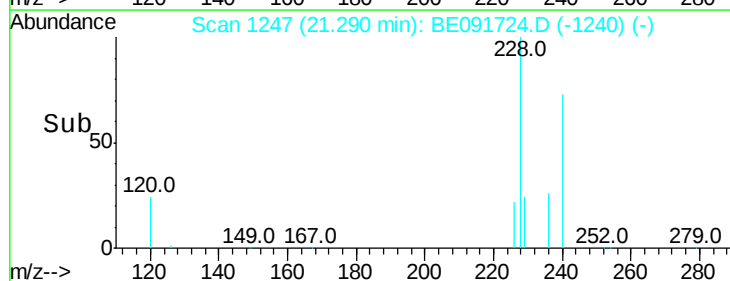
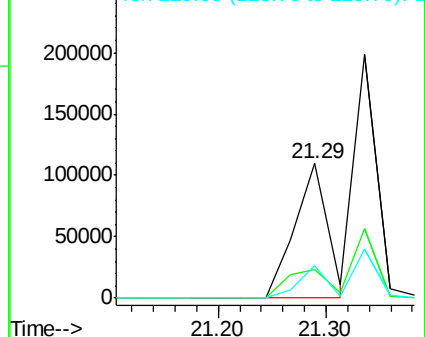
229 23.8 15.9 23.9



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

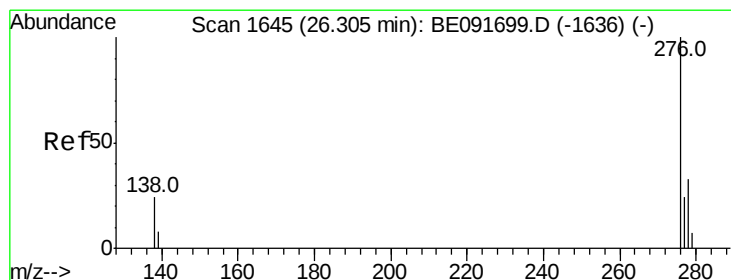
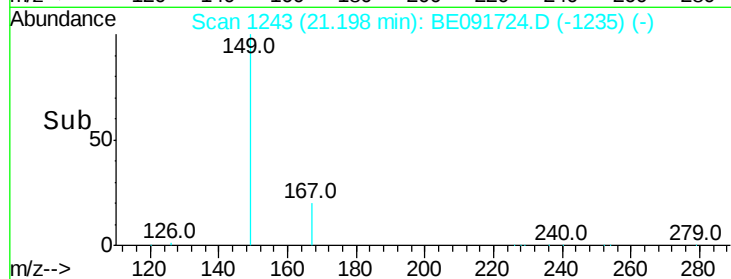
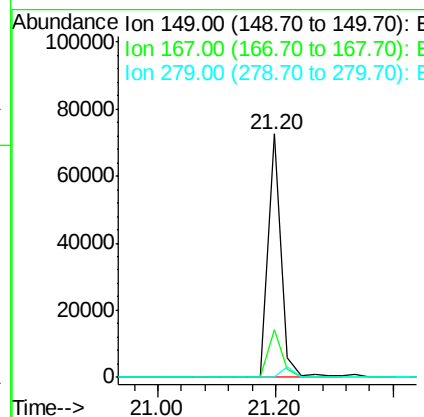
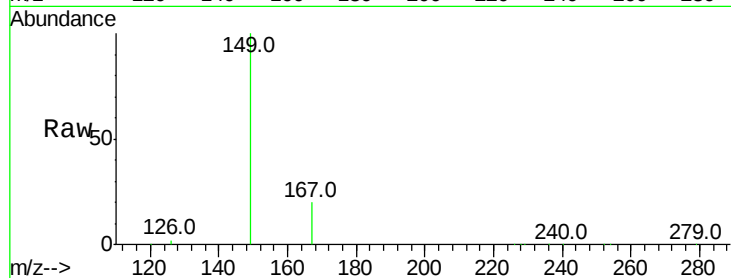




#33
 Bis(2-ethylhexyl)phthalate
 Concen: 5.26 ng
 RT: 21.20 min Scan# 1243
 Delta R.T. -0.02 min
 Lab File: BE091724.D
 Acq: 27 Apr 2016 13:49

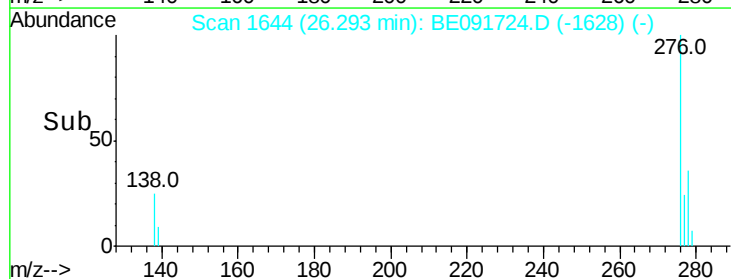
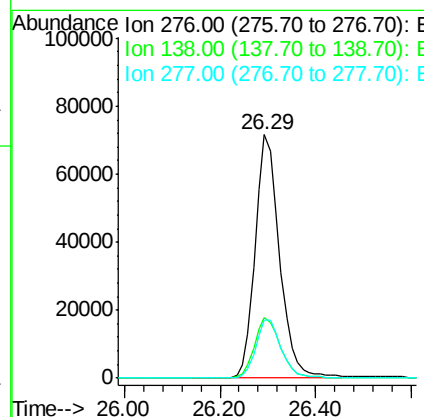
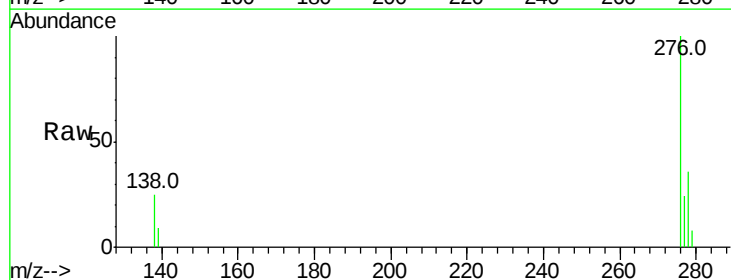
Instrument :
 BNA_E
 ClientSampleId :
 PB90018BS

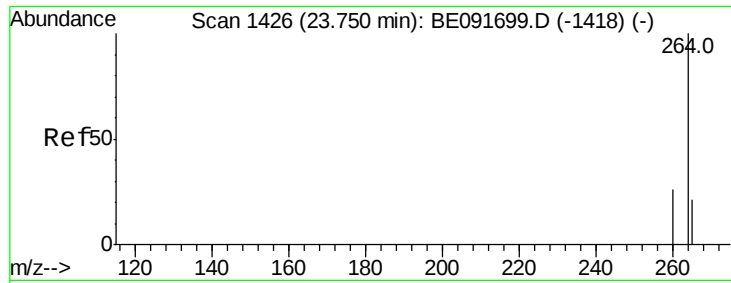
Tot Ion:149 Resp: 110106
 Ion Ratio Lower Upper
 149 100
 167 21.3 19.5 29.3
 279 0.0 10.0 15.0#



#34
 Indeno(1,2,3-cd)pyrene
 Concen: 3.96 ng
 RT: 26.29 min Scan# 1644
 Delta R.T. -0.01 min
 Lab File: BE091724.D
 Acq: 27 Apr 2016 13:49

Tgt Ion:276 Resp: 253316
 Ion Ratio Lower Upper
 276 100
 138 26.3 23.4 35.2
 277 24.7 19.8 29.8

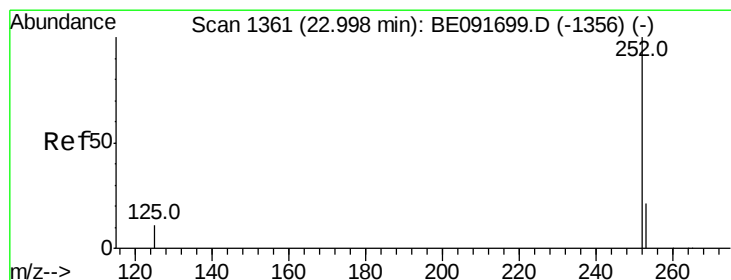
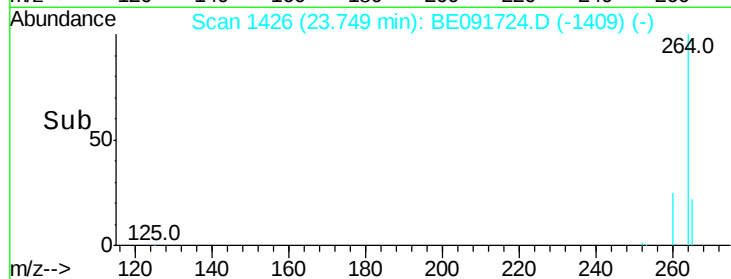
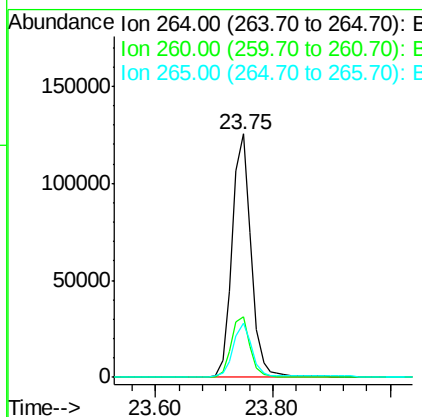
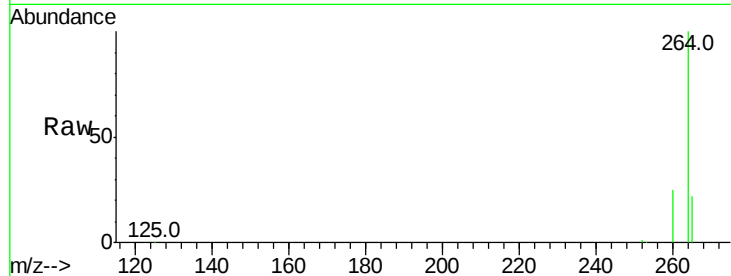




#35
Pervlene-d12
Concen: 5.00 ng
RT: 23.75 min Scan# 1426
Delta R.T. -0.00 min
Lab File: BE091724.D
Acq: 27 Apr 2016 13:49

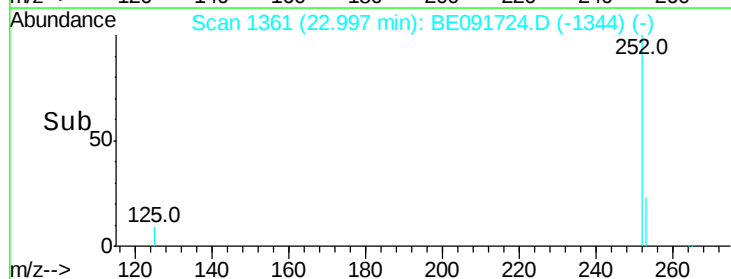
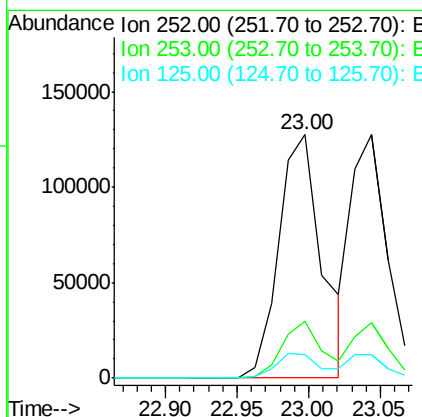
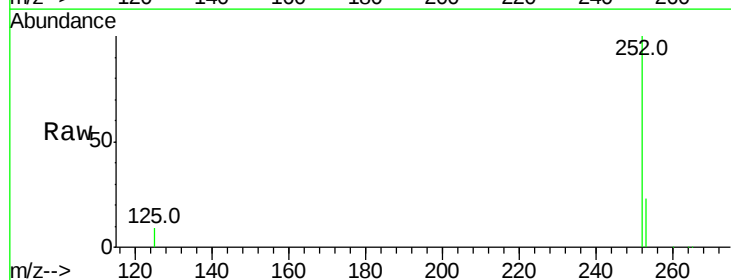
Instrument :
BNA_E
ClientSampleId :
PB90018BS

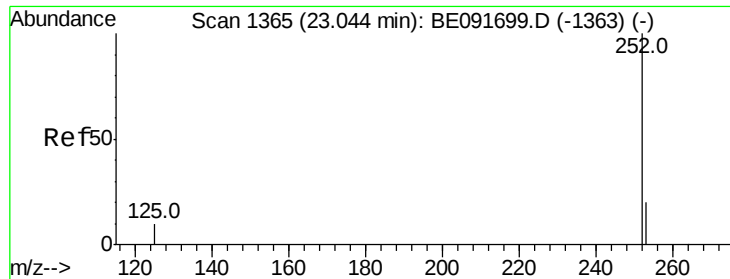
Tot Ion:264 Resp: 280744
Ion Ratio Lower Upper
264 100
260 24.6 20.0 30.0
265 22.2 17.5 26.3



#36
Benzo(b)fluoranthene
Concen: 4.05 ng
RT: 23.00 min Scan# 1361
Delta R.T. -0.00 min
Lab File: BE091724.D
Acq: 27 Apr 2016 13:49

Tgt Ion:252 Resp: 266332
Ion Ratio Lower Upper
252 100
253 23.1 17.4 26.0
125 9.4 10.2 15.2#

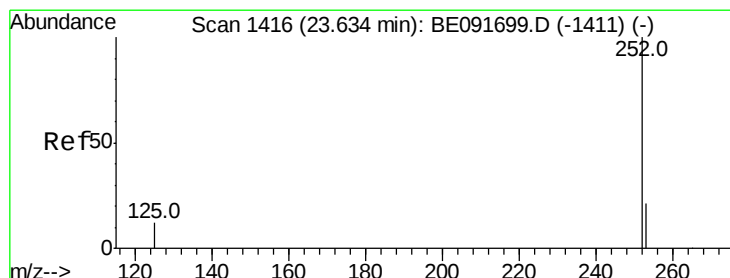
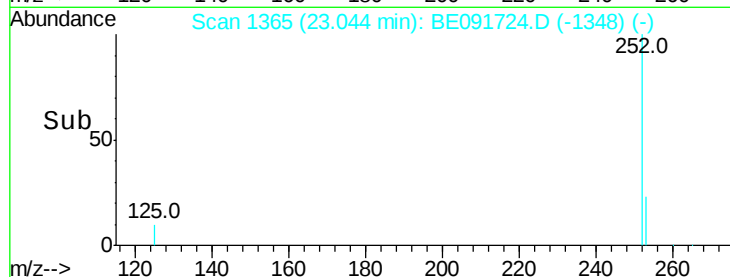
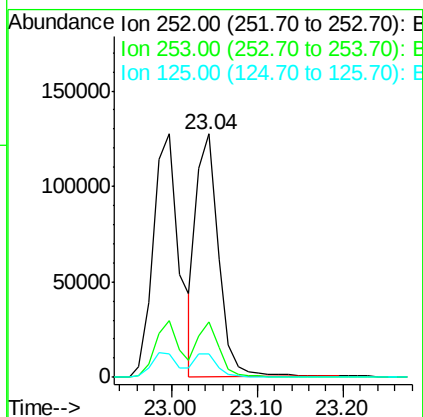
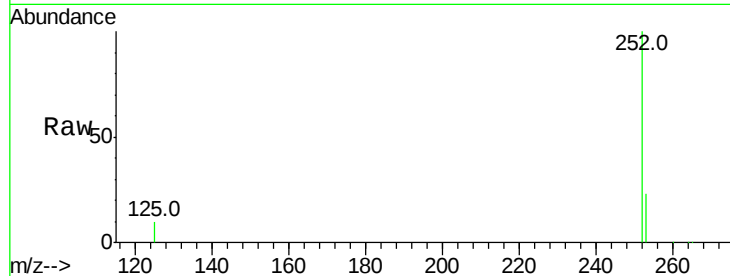




#37
Benzo(k)fluoranthene
Concen: 3.39 ng
RT: 23.04 min Scan# 1365
Delta R.T. -0.00 min
Lab File: BE091724.D
Acq: 27 Apr 2016 13:49

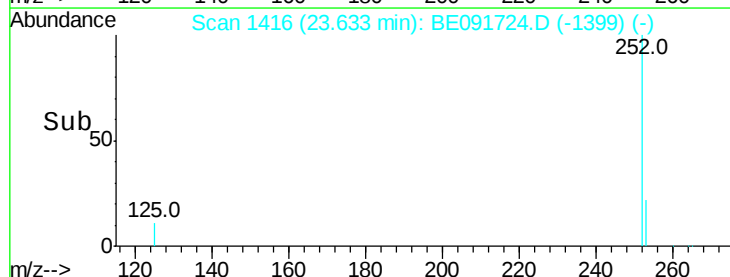
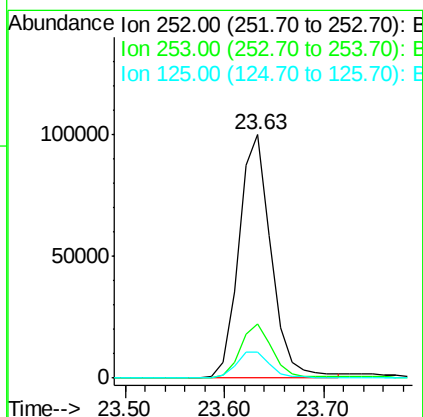
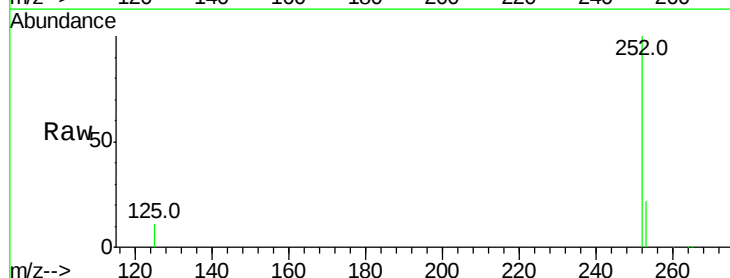
Instrument :
BNA_E
ClientSampleId :
PB90018BS

Tot Ion:252 Resp: 226726
Ion Ratio Lower Upper
252 100
253 22.9 17.6 26.4
125 9.7 9.9 14.9#



#38
Benzo(a)pyrene
Concen: 3.59 ng
RT: 23.63 min Scan# 1416
Delta R.T. -0.00 min
Lab File: BE091724.D
Acq: 27 Apr 2016 13:49

Tgt Ion:252 Resp: 222598
Ion Ratio Lower Upper
252 100
253 22.3 18.1 27.1
125 10.8 11.0 16.4#





#39

Dibenzo(a,h)anthracene

Concen: 3.64 ng

RT: 26.32 min Scan# 1646

Delta R.T. -0.02 min

Lab File: BE091724.D

Acq: 27 Apr 2016 13:49

Instrument :

BNA_E

ClientSampleId :

PB90018BS

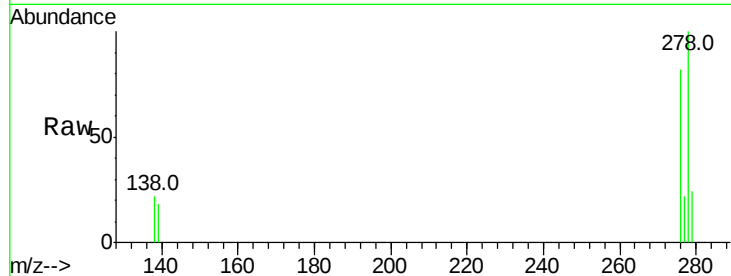
Tot Ion:278 Resp: 213474

Ion Ratio Lower Upper

278 100

139 17.6 16.0 24.0

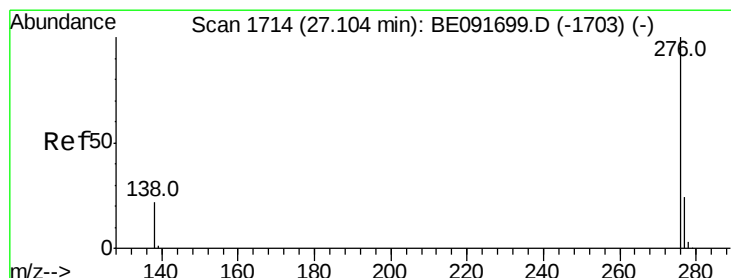
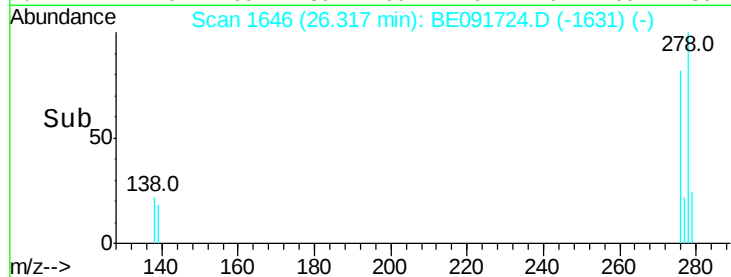
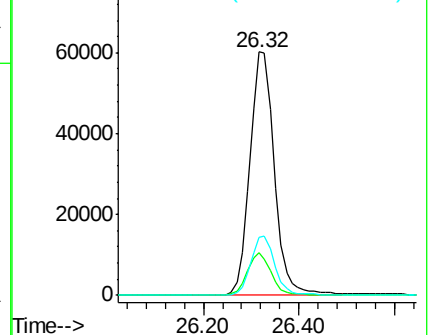
279 23.7 19.4 29.2



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#40

Benzo(g,h,i)perylene

Concen: 3.59 ng

RT: 27.09 min Scan# 1713

Delta R.T. -0.01 min

Lab File: BE091724.D

Acq: 27 Apr 2016 13:49

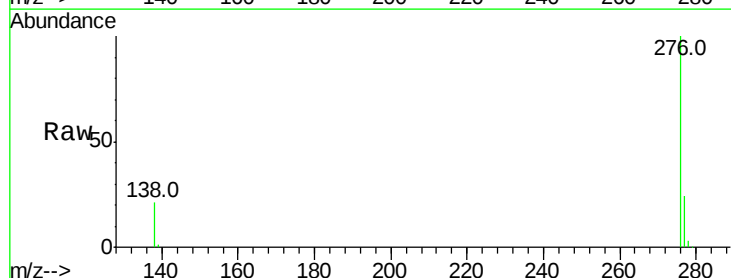
Tgt Ion:276 Resp: 214057

Ion Ratio Lower Upper

276 100

277 24.4 18.6 28.0

138 21.2 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

