

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE051616\
 Data File : BE091784.D
 Acq On : 16 May 2016 21:35
 Operator : UM/SJ
 Sample : PB90599BS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB90599BS

Quant Time: May 17 04:03:03 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	39262	5.00	ng	0.00
7) Naphthalene-d8	10.57	136	187525	5.00	ng	0.00
13) Acenaphthene-d10	14.41	164	111021	5.00	ng	-0.01
19) Phenanthrene-d10	17.15	188	292581	5.00	ng	0.00
26) Chrysene-d12	21.29	240	245507	5.00	ng	-0.02
35) Perylene-d12	23.74	264	259187	5.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.39	112	63511	6.58	ng	0.00
5) Phenol-d6	6.95	99	95023	7.43	ng	0.00
8) Nitrobenzene-d5	8.95	82	43585	3.60	ng	0.00
14) 2,4,6-Tribromophenol	15.88	330	32173	7.79	ng	-0.01
15) 2-Fluorobiphenyl	13.04	172	123748	3.94	ng	0.00
29) Terphenyl-d14	19.76	244	180996	4.73	ng	0.00

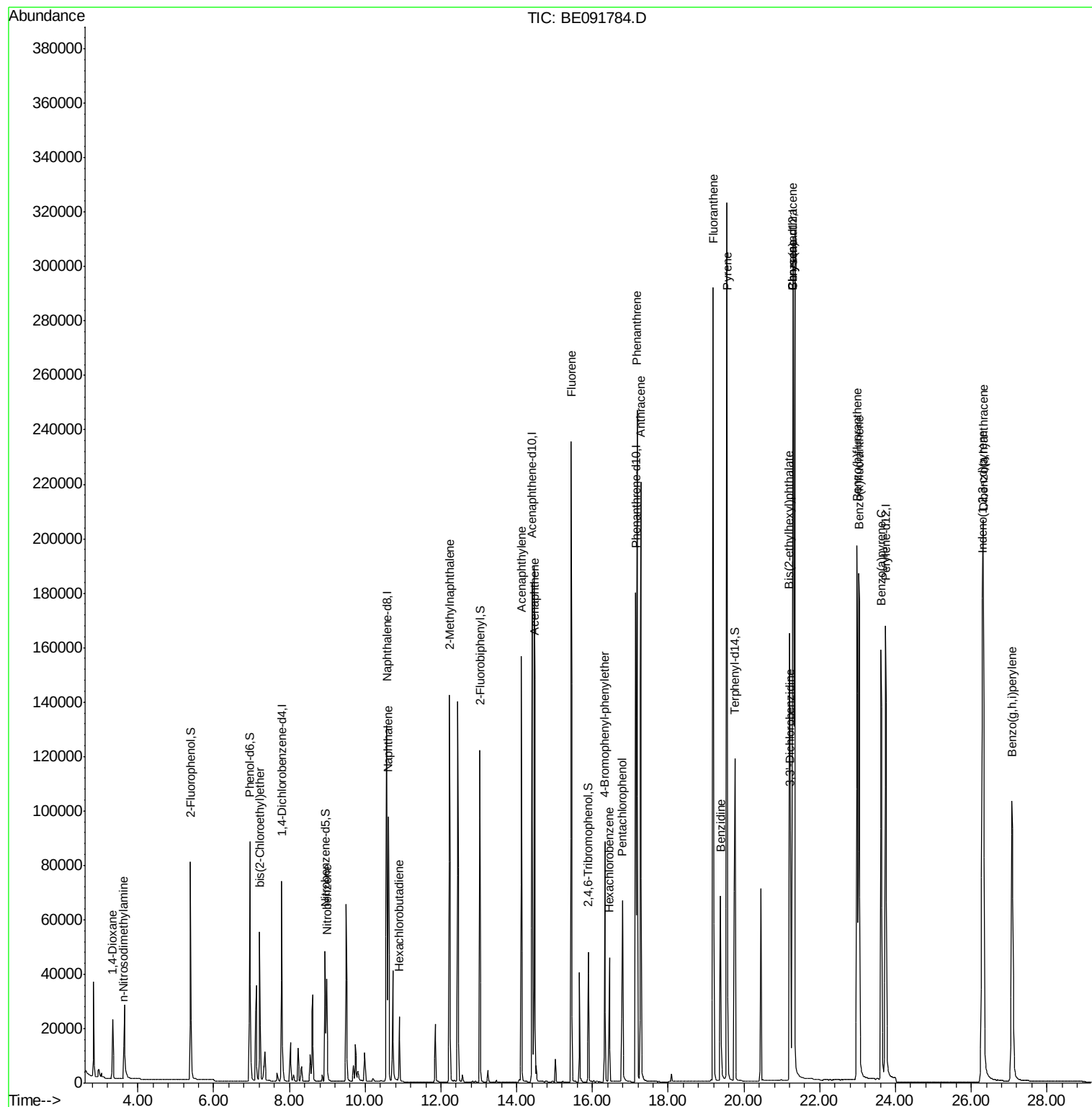
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.33	88	14692	3.18	ng	94
3) n-Nitrosodimethylamine	3.63	42	23048	3.23	ng	# 96
6) bis(2-Chloroethyl)ether	7.21	93	40565	3.60	ng	# 78
9) Nitrobenzene	8.99	77	47955	3.79	ng	93
10) Naphthalene	10.61	128	144577	3.82	ng	98
11) Hexachlorobutadiene	10.90	225	22446	4.01	ng	97
12) 2-Methylnaphthalene	12.23	142	105002	4.31	ng	98
16) Acenaphthylene	14.12	152	189834	4.45	ng	# 86
17) Acenaphthene	14.47	154	119078	4.30	ng	96
18) Fluorene	15.44	166	146542	4.26	ng	98
20) 4-Bromophenyl-phenylether	16.33	248	43230	4.11	ng	91
21) Hexachlorobenzene	16.45	284	42532	4.04	ng	99
22) Pentachlorophenol	16.79	266	45979	8.08	ng	89
23) Phenanthrene	17.18	178	261272	3.93	ng	99
24) Anthracene	17.28	178	249108	4.15	ng	99
25) Fluoranthene	19.19	202	297797	4.29	ng	# 96
27) Benzidine	19.38	184	101443	5.22	ng	# 76
28) Pyrene	19.55	202	317628	5.73	ng	99
30) Benzo(a)anthracene	21.29	228	282642	4.71	ng	# 89
31) 3,3'-Dichlorobenzidine	21.22	252	82935	2.71	ng	# 88
32) Chrysene	21.29	228	282616	4.53	ng	# 86
33) Bis(2-ethylhexyl)phthalate	21.20	149	187855	10.34	ng	# 89
34) Indeno(1,2,3-cd)pyrene	26.29	276	301370	5.43	ng	95
36) Benzo(b)fluoranthene	22.99	252	278064	4.58	ng	# 97
37) Benzo(k)fluoranthene	23.03	252	285662	4.63	ng	96
38) Benzo(a)pyrene	23.62	252	267264	4.67	ng	# 96
39) Dibenzo(a,h)anthracene	26.32	278	251278	4.64	ng	# 95
40) Benzo(g,h,i)perylene	27.08	276	255791	4.64	ng	95

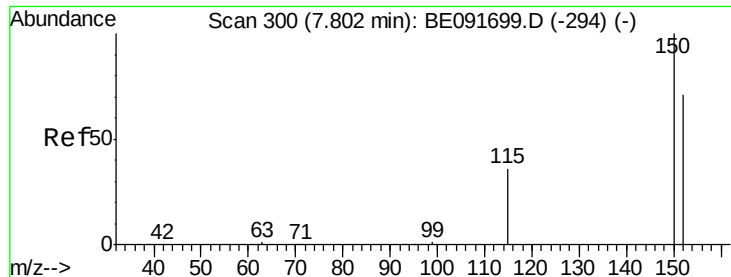
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BE091784.D

Acq: 16 May 2016 21:35

Instrument :

BNA_E

ClientSampleId :

PB90599BS

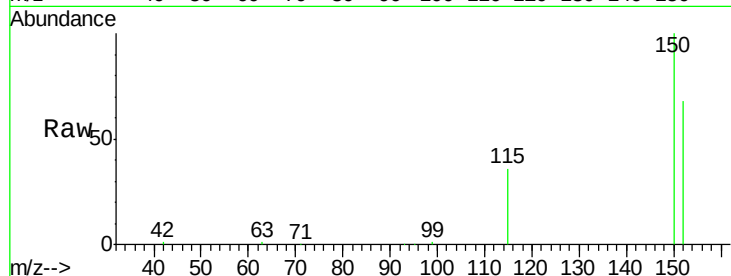
Tgt Ion:152 Resp: 39262

Ion Ratio Lower Upper

152 100

150 148.0 122.6 183.8

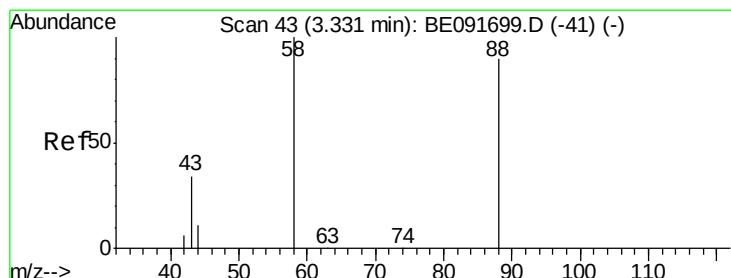
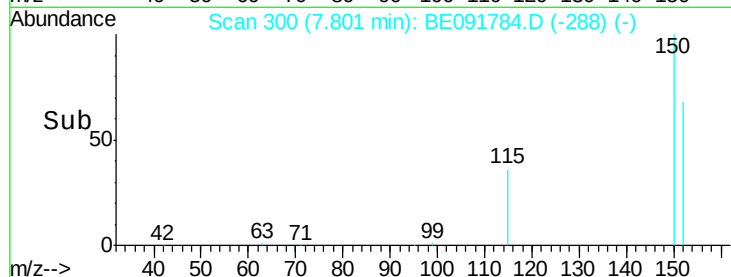
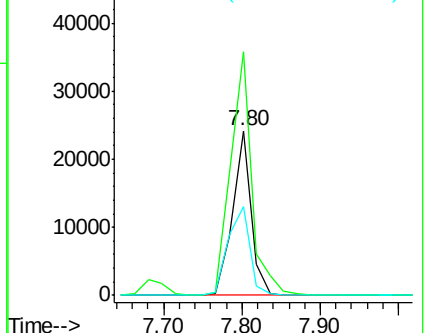
115 53.7 52.8 79.2



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: 3.18 ng

RT: 3.33 min Scan# 43

Delta R.T. 0.00 min

Lab File: BE091784.D

Acq: 16 May 2016 21:35

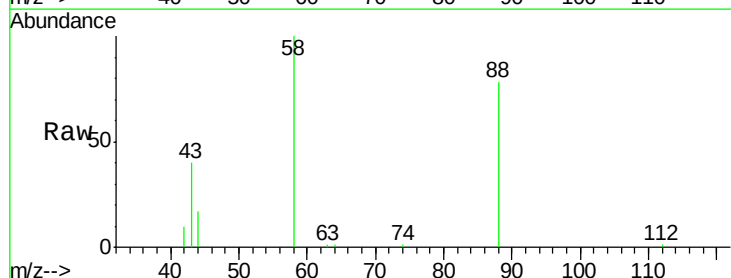
Tgt Ion: 88 Resp: 14692

Ion Ratio Lower Upper

88 100

58 87.6 65.8 98.6

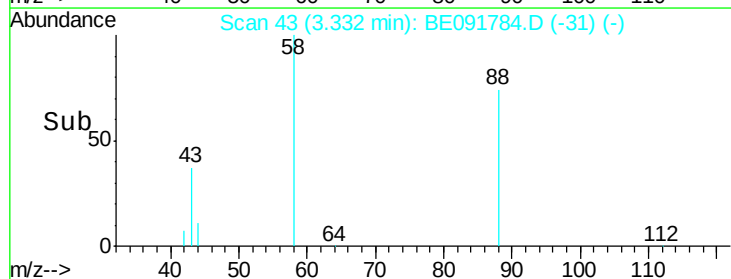
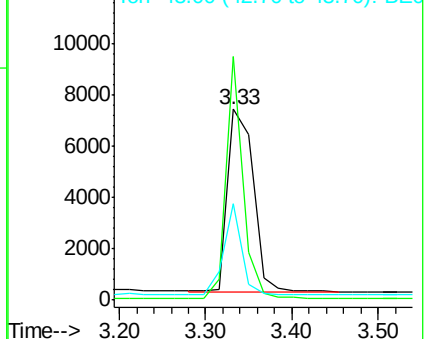
43 35.1 25.3 37.9

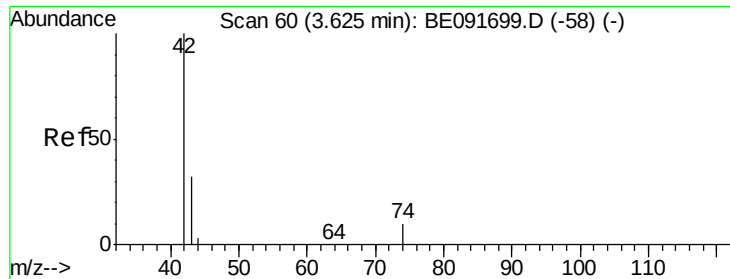


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#3

n-Nitrosodimethylamine

Concen: 3.23 ng

RT: 3.63 min Scan# 60

Delta R.T. 0.00 min

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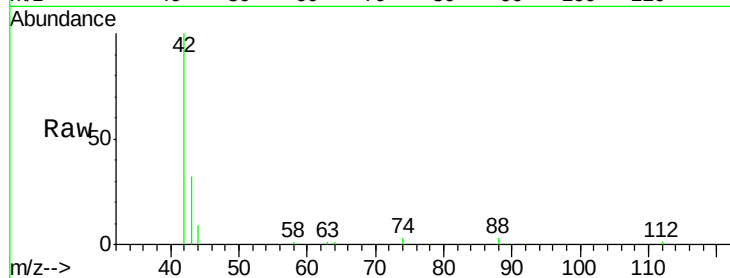
Tgt Ion: 42 Resp: 23048

Ion Ratio Lower Upper

42 100

74 105.3 87.9 131.9

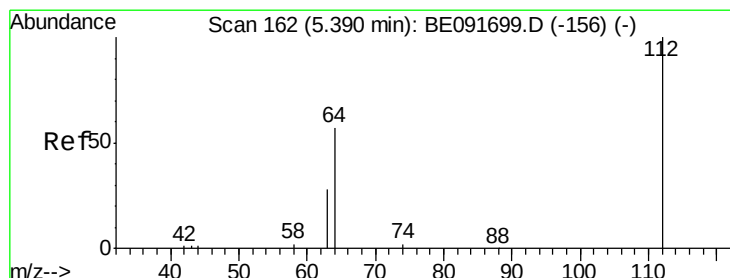
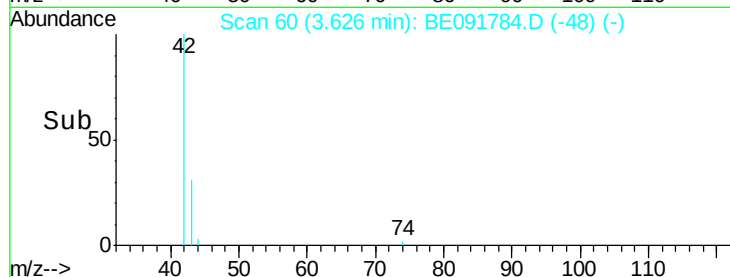
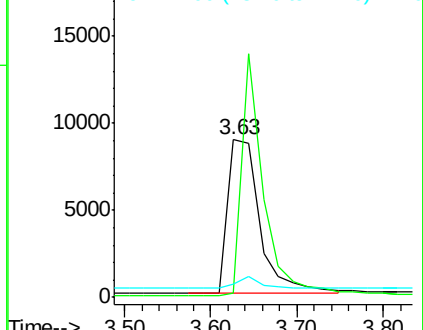
44 6.1 6.6 9.8#



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: 6.58 ng

RT: 5.39 min Scan# 162

Delta R.T. 0.00 min

Lab File: BE091784.D

Acq: 16 May 2016 21:35

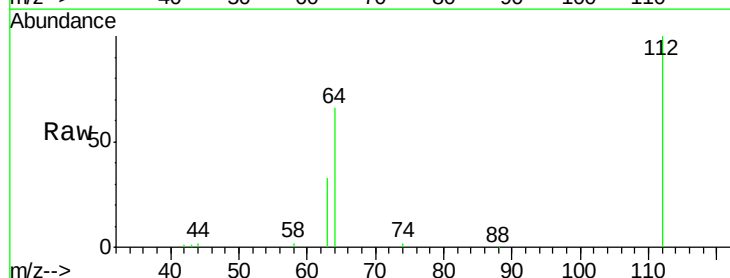
Tgt Ion: 112 Resp: 63511

Ion Ratio Lower Upper

112 100

64 66.0 30.9 46.3#

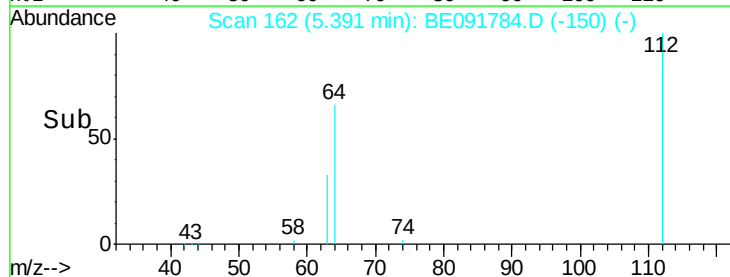
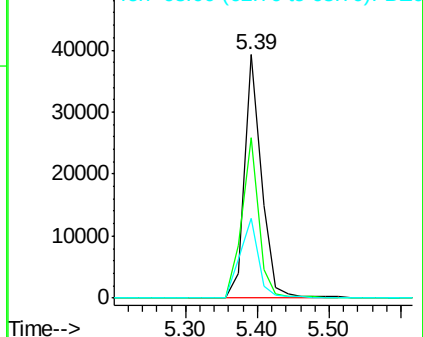
63 35.5 16.7 25.1#

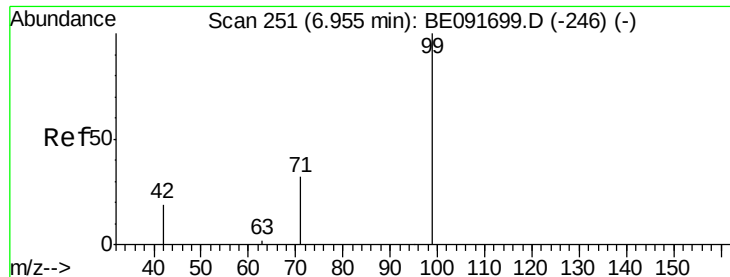


Abundance Ion 112.00 (111.70 to 112.70): BE0

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 7.43 ng

RT: 6.95 min Scan# 251

Delta R.T. -0.00 min

Lab File: BE091784.D

Acq: 16 May 2016 21:35

Instrument :

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PB90599BS

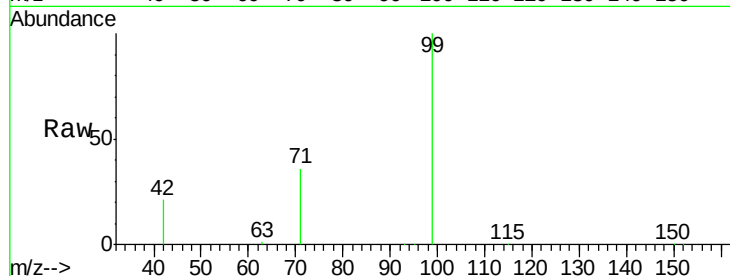
Tgt Ion: 99 Resp: 95023

Ion Ratio Lower Upper

99 100

42 24.4 16.2 24.2#

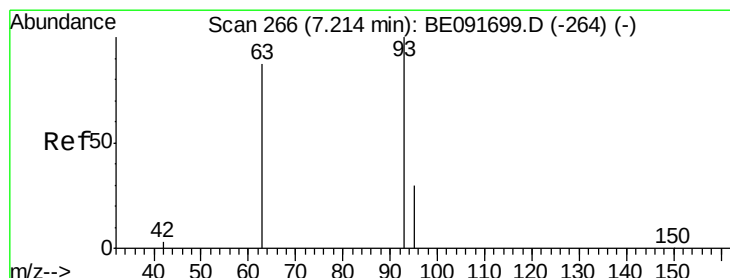
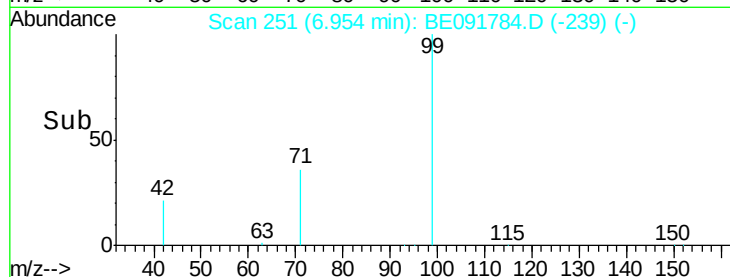
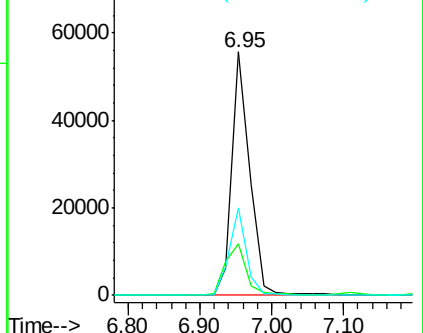
71 34.8 29.0 43.4



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: 3.60 ng

RT: 7.21 min Scan# 266

Delta R.T. -0.00 min

Lab File: BE091784.D

Acq: 16 May 2016 21:35

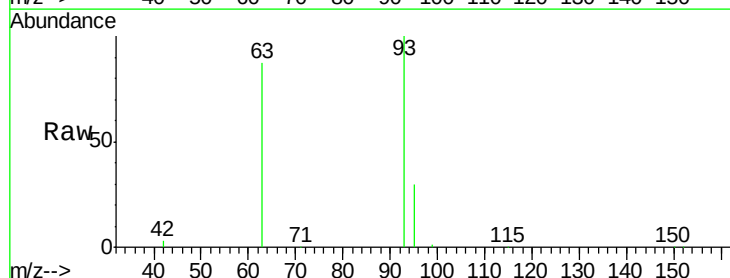
Tgt Ion: 93 Resp: 40565

Ion Ratio Lower Upper

93 100

63 82.7 49.5 74.3#

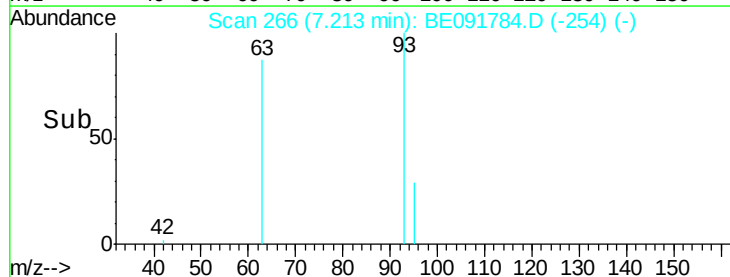
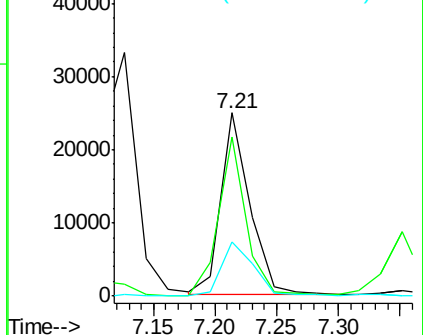
95 32.6 22.2 33.4

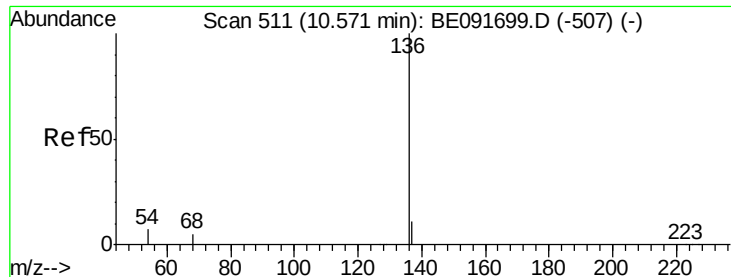


Abundance Ion 93.00 (92.70 to 93.70): BE0

Ion 63.00 (62.70 to 63.70): BE0

Ion 95.00 (94.70 to 95.70): BE0





#7

Naphthalene-d8

Concen: 5.00 ng

RT: 10.57 min Scan# 511

Delta R.T. 0.00 min

Lab File: BE091784.D

Acq: 16 May 2016 21:35

Instrument :

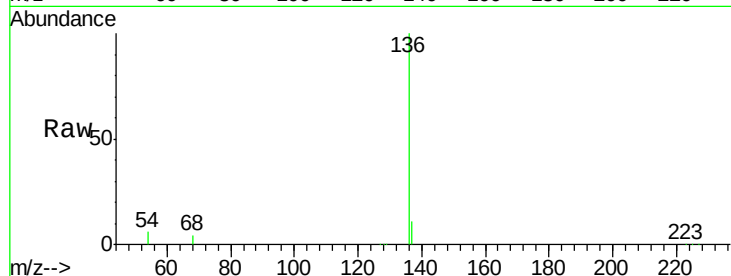
BNA_E

ClientSampleId :

PB90599BS

Tgt Ion: 136 Resp: 187525

Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.9	13.3
54	5.5	8.2	12.4#
68	4.3	6.2	9.4#

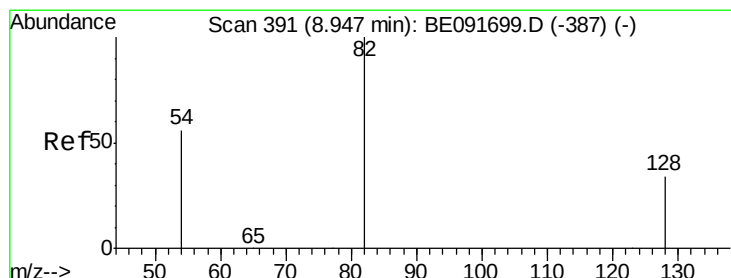
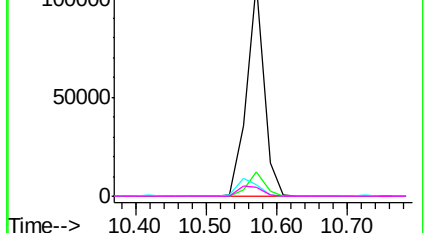
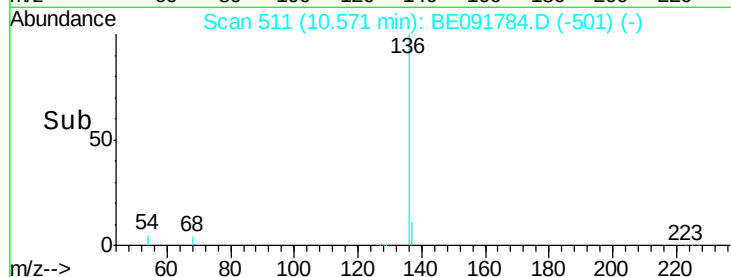


Abundance Ion 136.00 (135.70 to 136.70): E

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: 3.60 ng

RT: 8.95 min Scan# 391

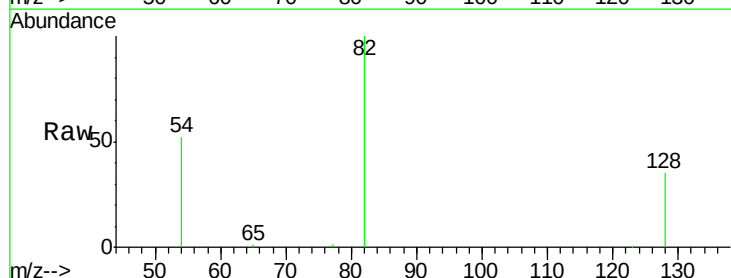
Delta R.T. -0.00 min

Lab File: BE091784.D

Acq: 16 May 2016 21:35

Tgt Ion: 82 Resp: 43585

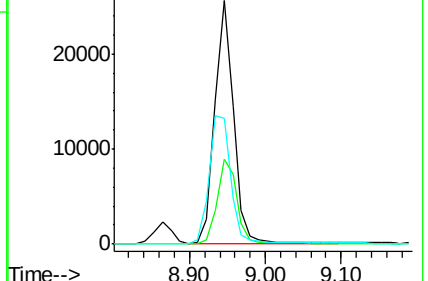
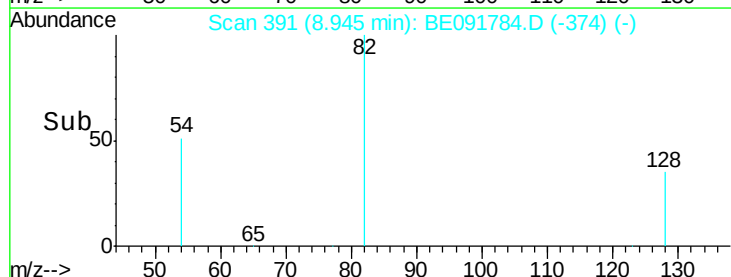
Ion	Ratio	Lower	Upper
82	100		
128	35.1	25.4	38.0
54	51.6	48.4	72.6

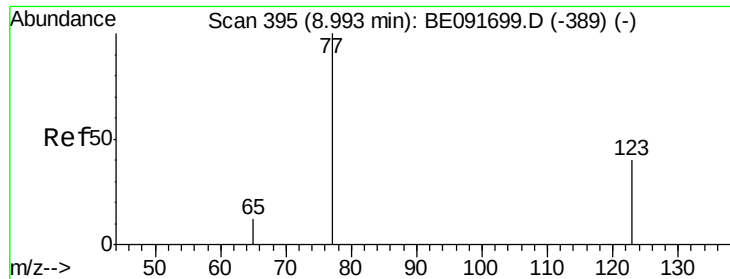


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Nitrobenzene

Concen: 3.79 ng

RT: 8.99 min Scan# 395

Delta R.T. -0.00 min

Lab File: BE091784.D

Acq: 16 May 2016 21:35

Instrument :

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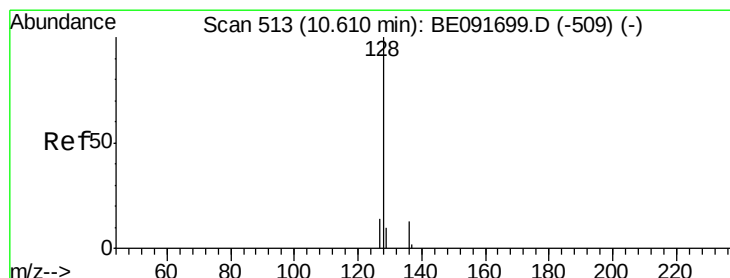
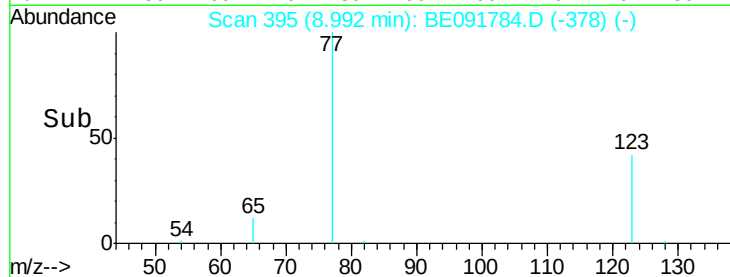
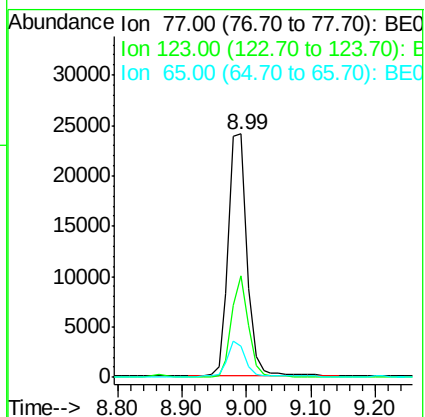
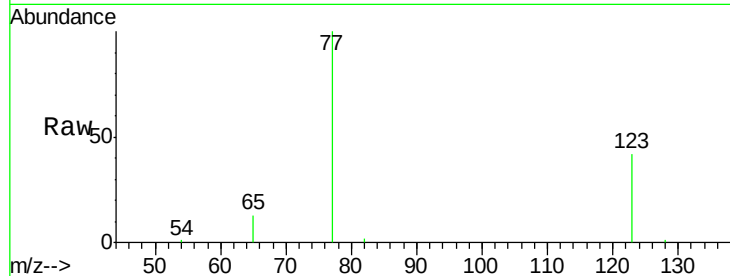
Tgt Ion: 77 Resp: 47955

Ion Ratio Lower Upper

77 100

123 37.7 26.9 40.3

65 13.8 9.4 14.2



#10

Naphthalene

Concen: 3.82 ng

RT: 10.61 min Scan# 513

Delta R.T. 0.00 min

Lab File: BE091784.D

Acq: 16 May 2016 21:35

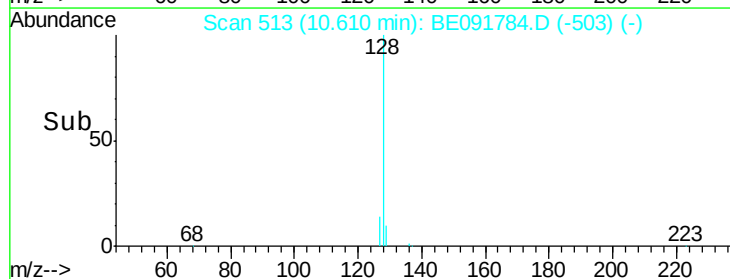
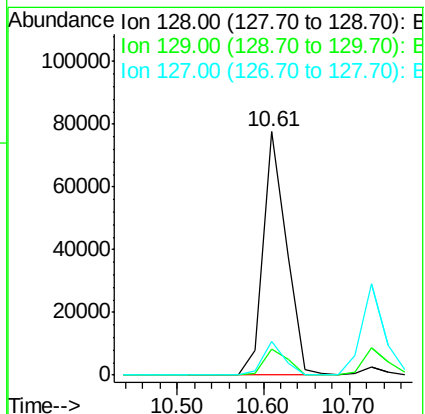
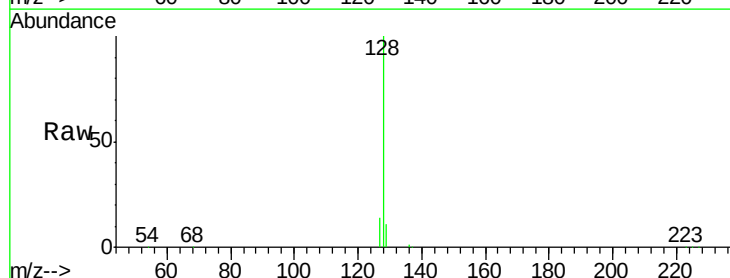
Tgt Ion: 128 Resp: 144577

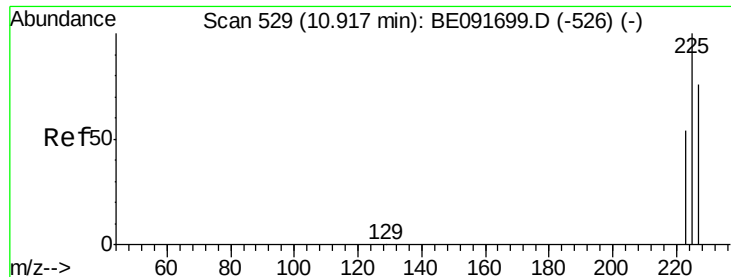
Ion Ratio Lower Upper

128 100

129 10.5 9.3 13.9

127 13.8 10.7 16.1

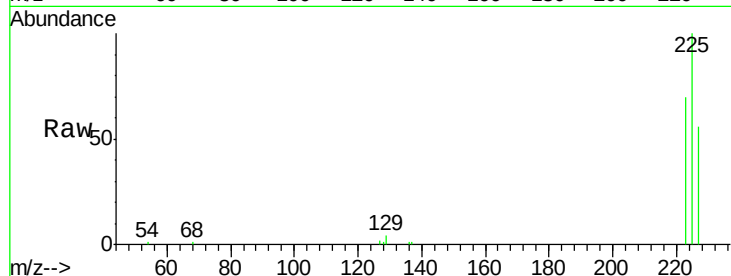




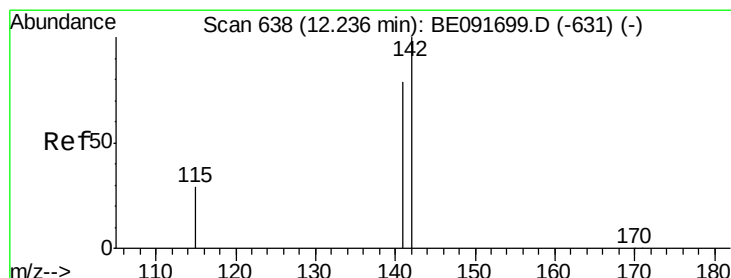
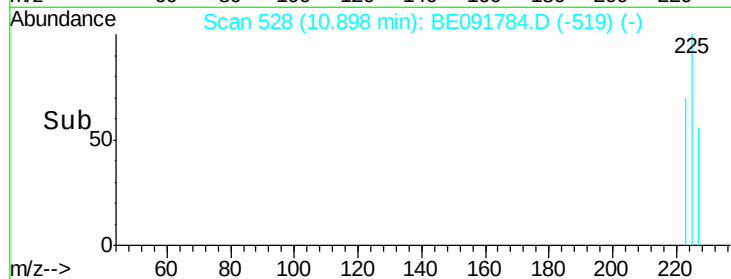
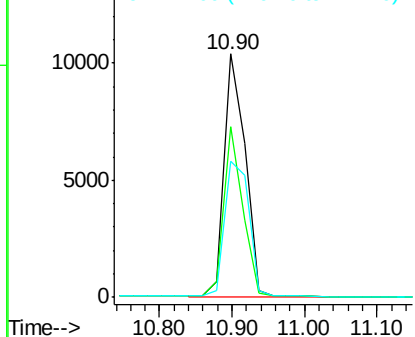
#11
Hexachlorobutadiene
Concen: 4.01 ng
RT: 10.90 min Scan# 528
Delta R.T. -0.02 min
Lab File: BE091784.D
Acq: 16 May 2016 21:35

Instrument :
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ClientSampleId :
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Tgt Ion: 225 Resp: 22446
Ion Ratio Lower Upper
225 100
223 64.0 49.0 73.6
227 65.0 50.3 75.5

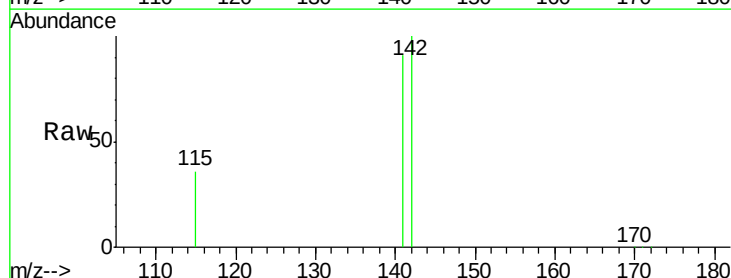


Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

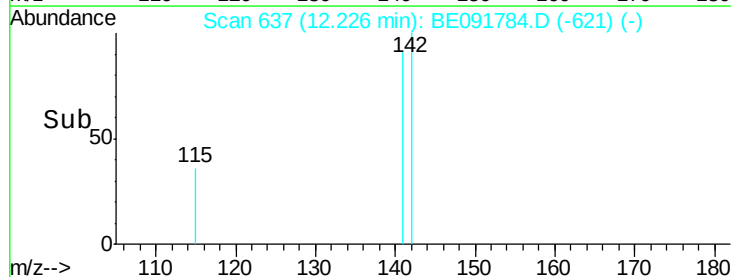
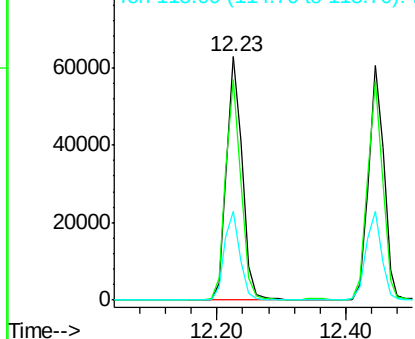


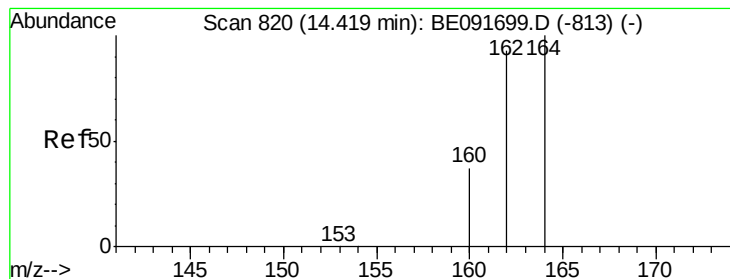
#12
2-Methylnaphthalene
Concen: 4.31 ng
RT: 12.23 min Scan# 637
Delta R.T. -0.01 min
Lab File: BE091784.D
Acq: 16 May 2016 21:35

Tgt Ion: 142 Resp: 105002
Ion Ratio Lower Upper
142 100
141 90.7 71.4 107.0
115 36.2 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: BE091784.D

Acq: 16 May 2016 21:35

Instrument :

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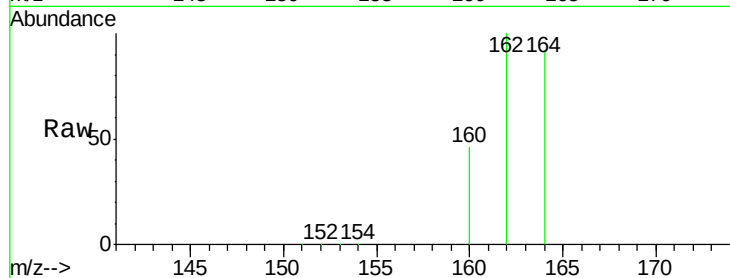
Tgt Ion:164 Resp: 111021

Ion Ratio Lower Upper

164 100

162 108.6 85.3 127.9

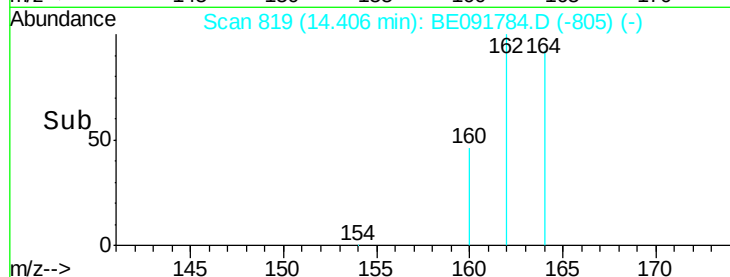
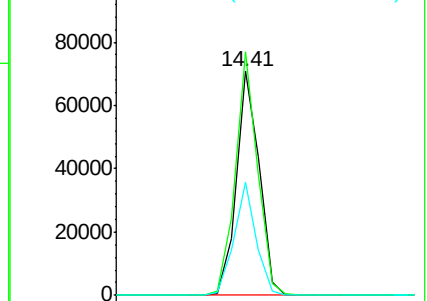
160 50.2 46.2 69.2



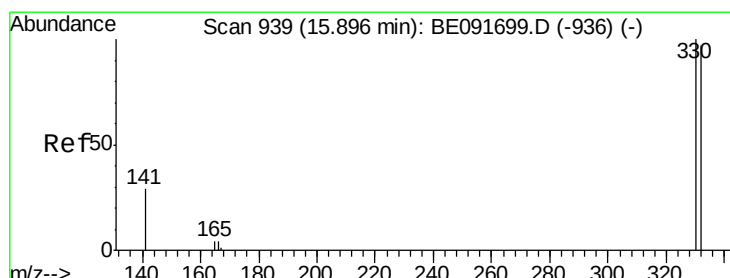
Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



Time-->



#14

2,4,6-Tribromophenol

Concen: 7.79 ng

RT: 15.88 min Scan# 938

Delta R.T. -0.01 min

Lab File: BE091784.D

Acq: 16 May 2016 21:35

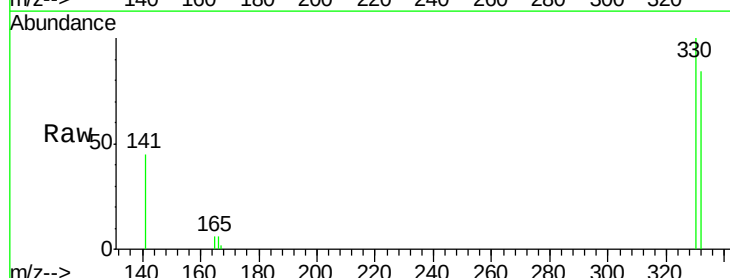
Tgt Ion:330 Resp: 32173

Ion Ratio Lower Upper

330 100

332 96.9 79.1 118.7

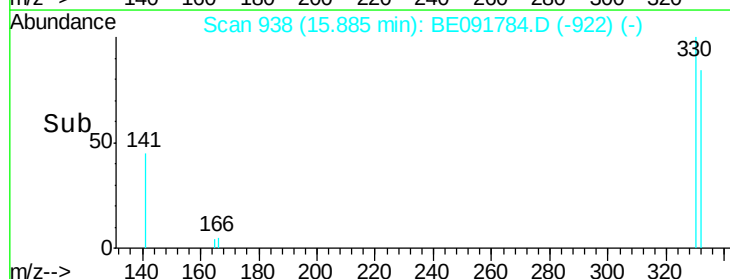
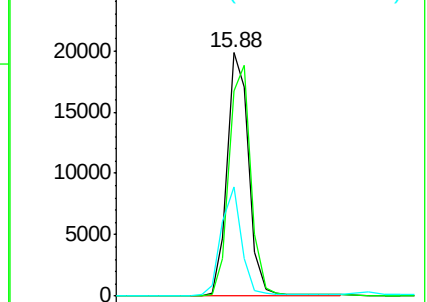
141 41.8 125.4 188.0#

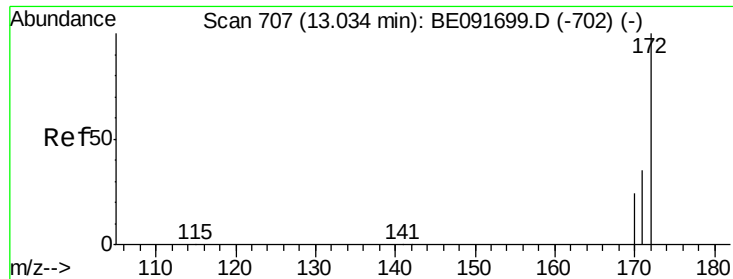


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

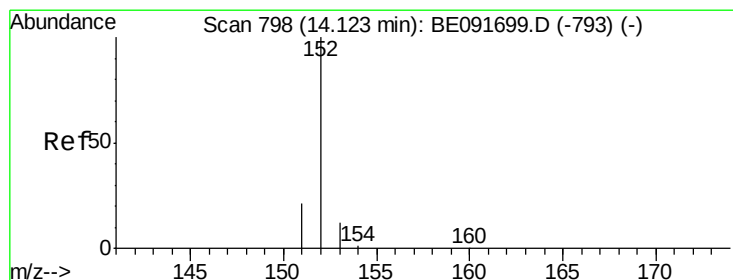
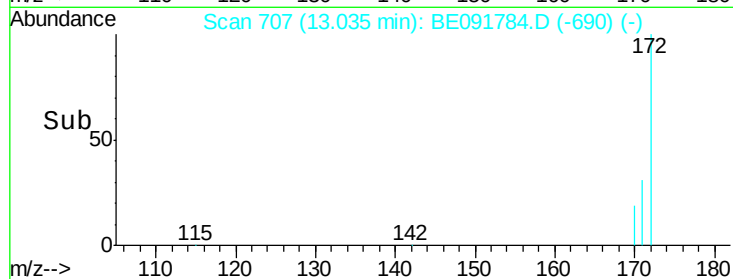
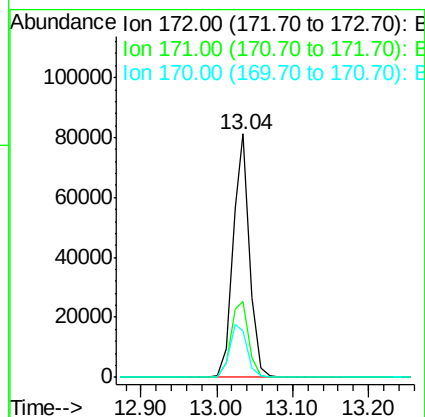
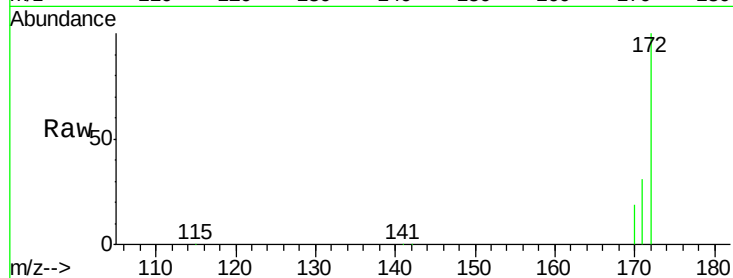




#15
2-Fluorobiphenyl
Concen: 3.94 ng
RT: 13.04 min Scan# 707
Delta R.T. 0.00 min
Lab File: BE091784.D
Acq: 16 May 2016 21:35

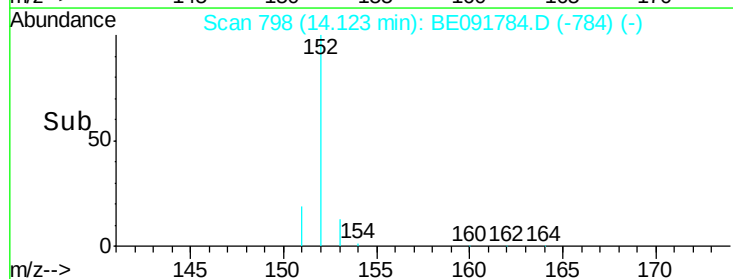
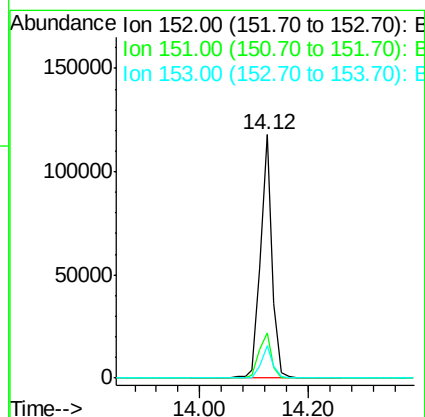
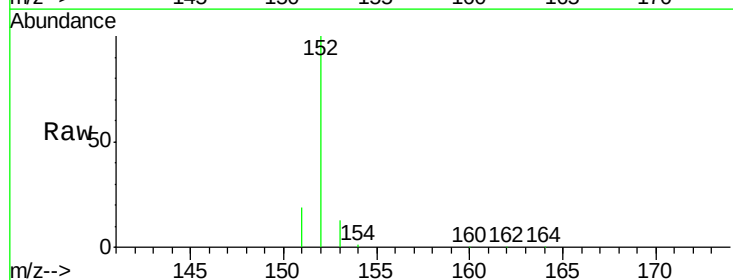
Instrument :
BNA_E
ClientSampleId :
PB90599BS

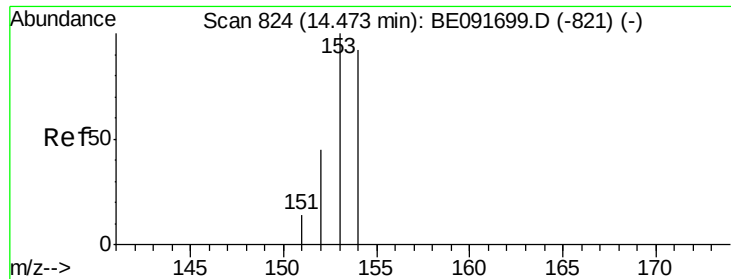
Tgt Ion:172 Resp: 123748
Ion Ratio Lower Upper
172 100
171 31.2 28.8 43.2
170 19.0 19.3 28.9#



#16
Acenaphthylene
Concen: 4.45 ng
RT: 14.12 min Scan# 798
Delta R.T. 0.00 min
Lab File: BE091784.D
Acq: 16 May 2016 21:35

Tgt Ion:152 Resp: 189834
Ion Ratio Lower Upper
152 100
151 20.2 3.9 5.9#
153 13.5 10.3 15.5

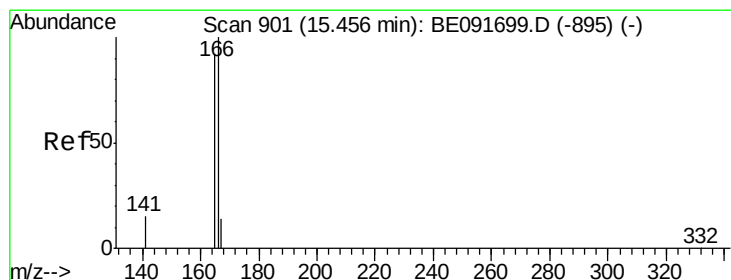
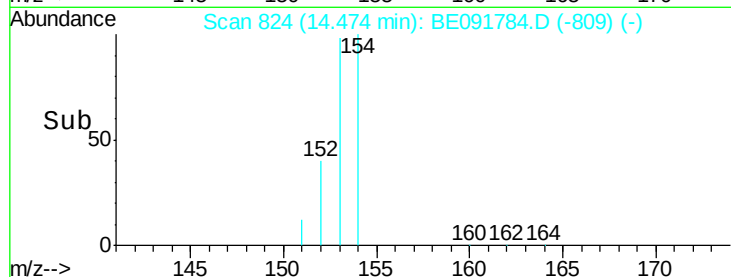
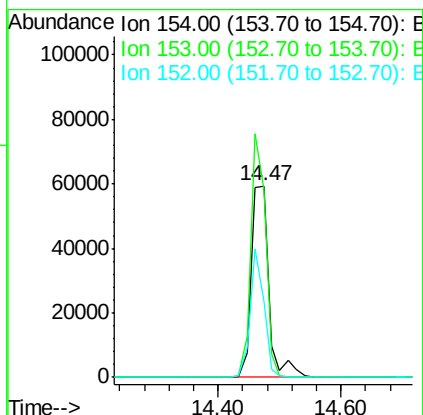
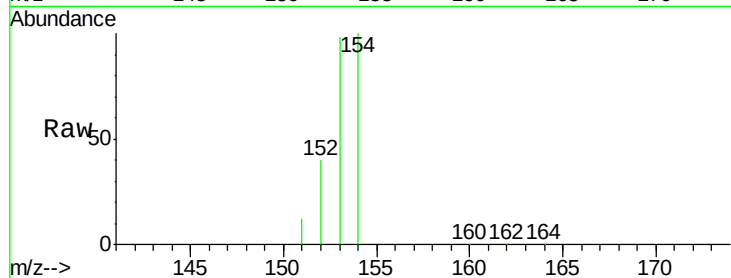




#17
Acenaphthene
Concen: 4.30 ng
RT: 14.47 min Scan# 824
Delta R.T. 0.00 min
Lab File: BE091784.D
Acq: 16 May 2016 21:35

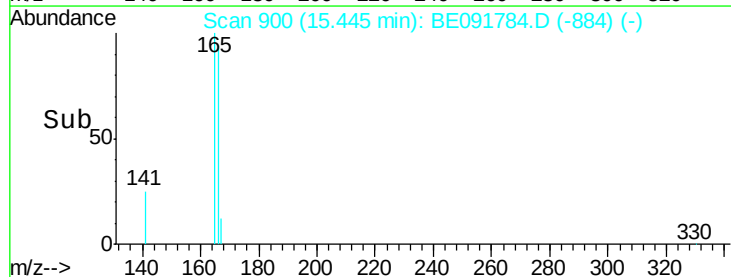
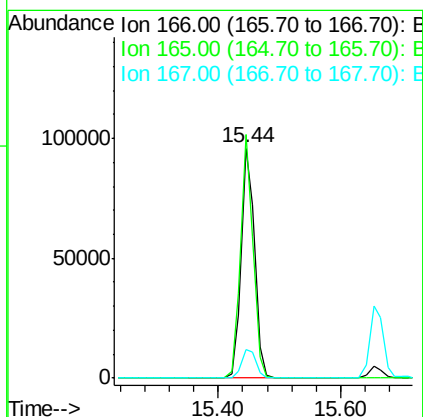
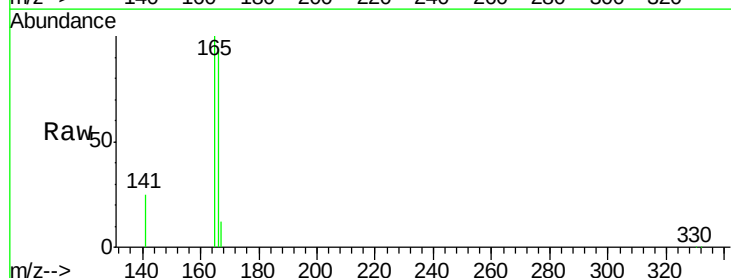
Instrument :
BNA_E
ClientSampleId :
PB90599BS

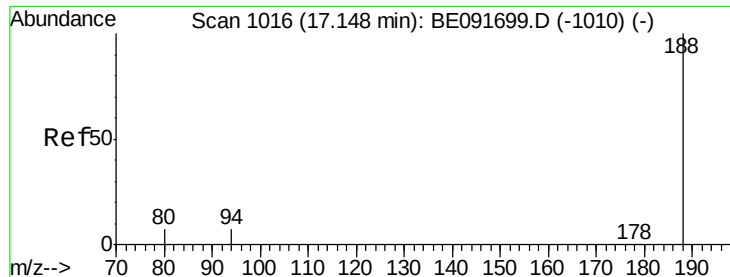
Tgt Ion:154 Resp: 119078
Ion Ratio Lower Upper
154 100
153 104.9 80.0 120.0
152 51.4 40.0 60.0



#18
Fluorene
Concen: 4.26 ng
RT: 15.44 min Scan# 900
Delta R.T. -0.01 min
Lab File: BE091784.D
Acq: 16 May 2016 21:35

Tgt Ion:166 Resp: 146542
Ion Ratio Lower Upper
166 100
165 99.1 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: BE091784.D

Acq: 16 May 2016 21:35

Instrument :

BNA_E

ClientSampleId :

PB90599BS

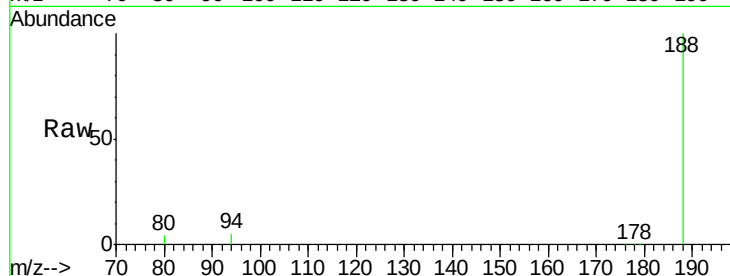
Tgt Ion:188 Resp: 292581

Ion Ratio Lower Upper

188 100

94 5.0 8.7 13.1#

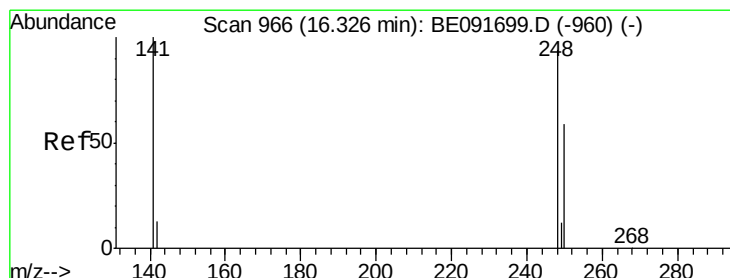
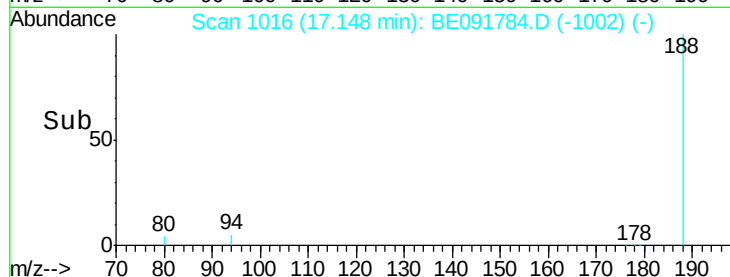
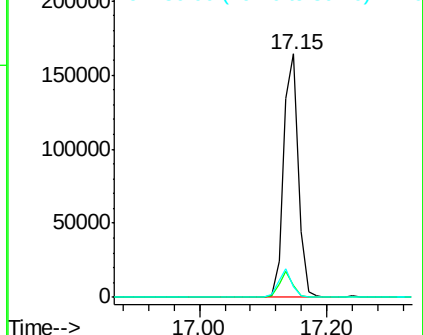
80 4.1 9.4 14.0#



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: 4.11 ng

RT: 16.33 min Scan# 966

Delta R.T. -0.00 min

Lab File: BE091784.D

Acq: 16 May 2016 21:35

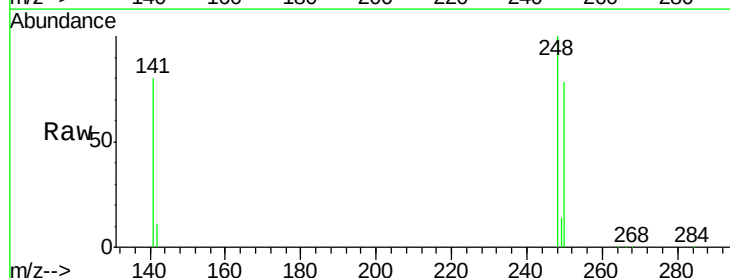
Tgt Ion:248 Resp: 43230

Ion Ratio Lower Upper

248 100

250 93.7 80.5 120.7

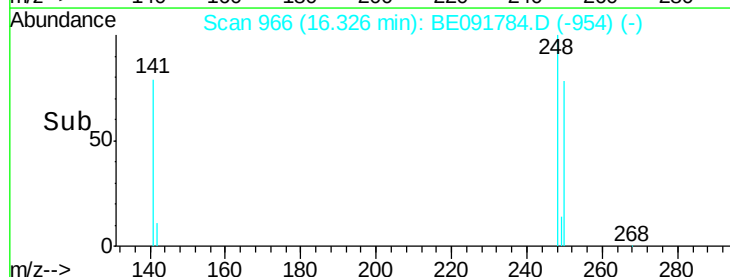
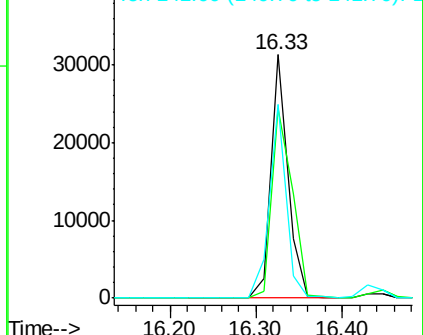
141 78.9 72.0 108.0

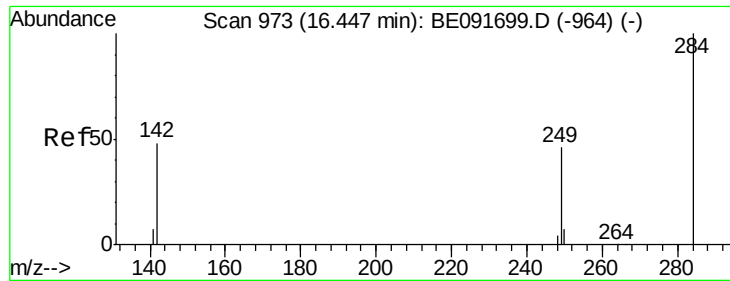


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

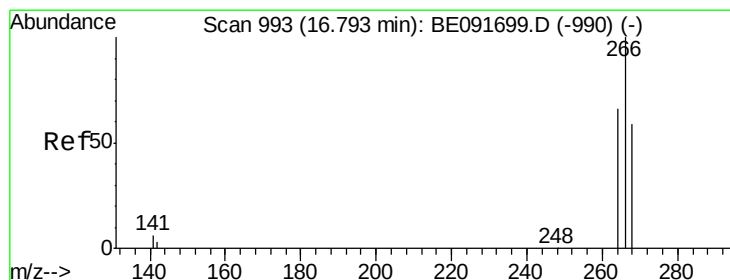
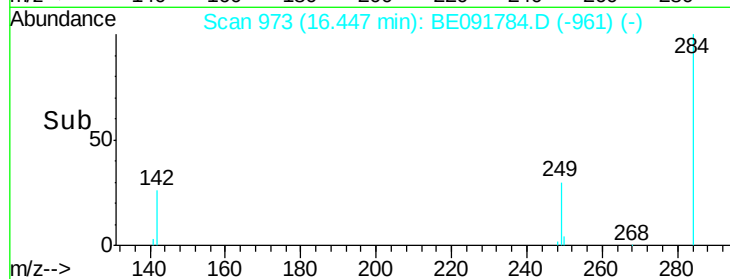
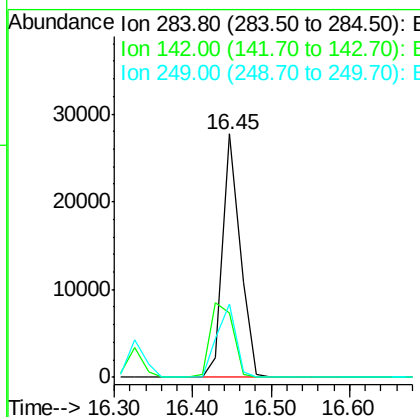
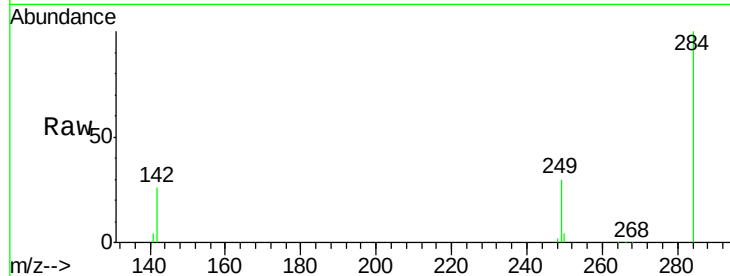




#21
Hexachlorobenzene
Concen: 4.04 ng
RT: 16.45 min Scan# 973
Delta R.T. -0.00 min
Lab File: BE091784.D
Acq: 16 May 2016 21:35

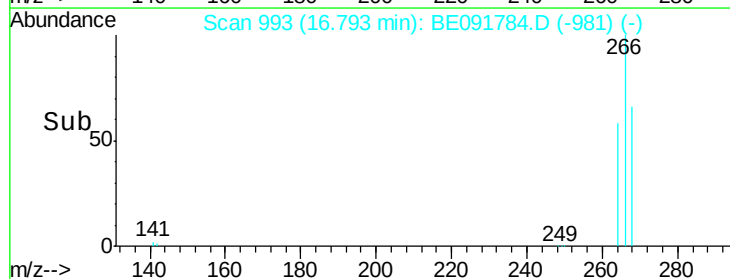
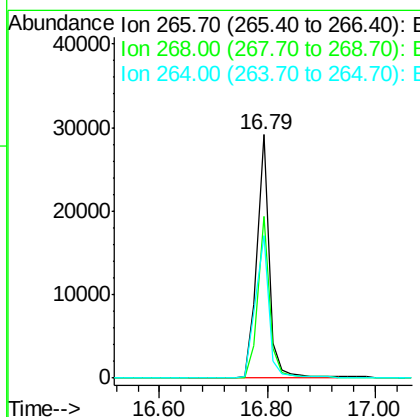
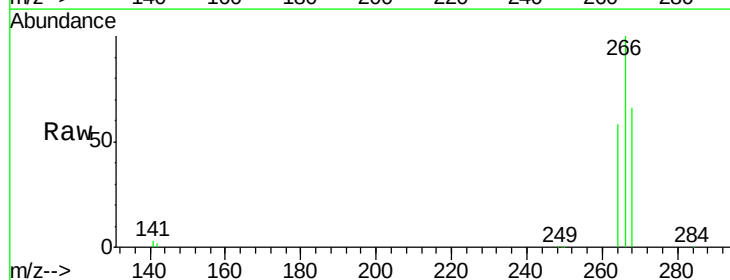
Instrument :
BNA_E
ClientSampleId :
PB90599BS

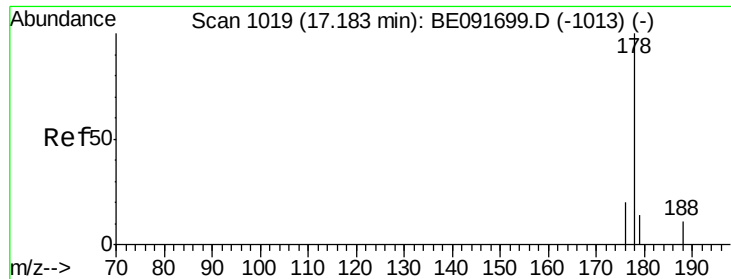
Tgt Ion:284 Resp: 42532
Ion Ratio Lower Upper
284 100
142 39.5 32.2 48.2
249 32.6 25.4 38.2



#22
Pentachlorophenol
Concen: 8.08 ng
RT: 16.79 min Scan# 993
Delta R.T. -0.00 min
Lab File: BE091784.D
Acq: 16 May 2016 21:35

Tgt Ion:266 Resp: 45979
Ion Ratio Lower Upper
266 100
268 66.2 58.2 87.2
264 58.5 56.2 84.4





#23

Phenanthrene

Concen: 3.93 ng

RT: 17.18 min Scan# 1019

Delta R.T. -0.00 min

Lab File: BE091784.D

Acq: 16 May 2016 21:35

Instrument :

BNA_E

ClientSampleId :

PB90599BS

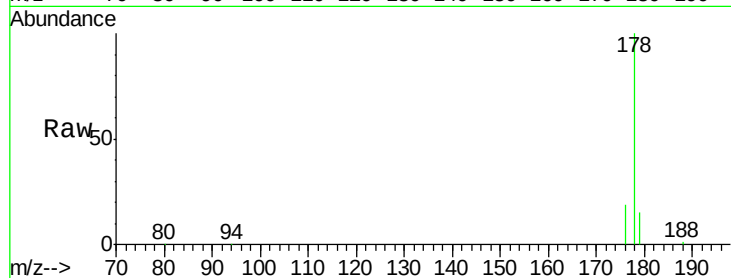
Tgt Ion:178 Resp: 261272

Ion Ratio Lower Upper

178 100

176 19.4 15.3 22.9

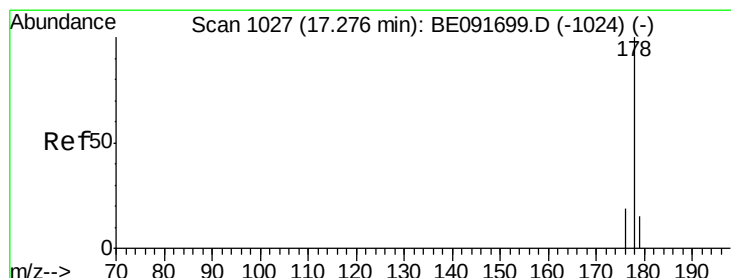
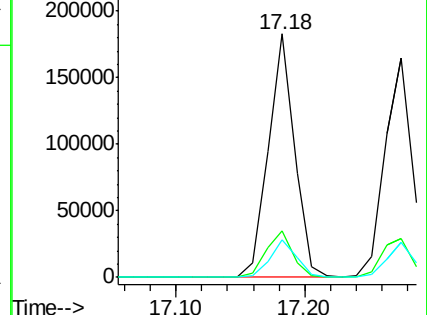
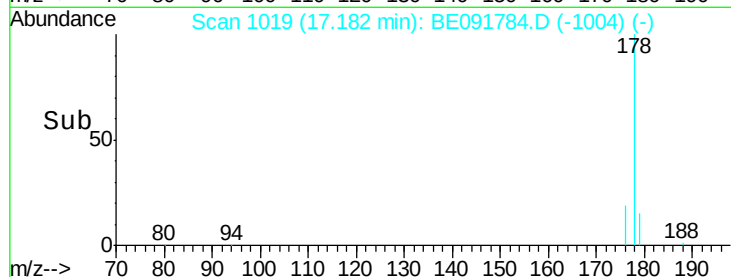
179 15.6 12.6 18.8



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#24

Anthracene

Concen: 4.15 ng

RT: 17.28 min Scan# 1027

Delta R.T. -0.00 min

Lab File: BE091784.D

Acq: 16 May 2016 21:35

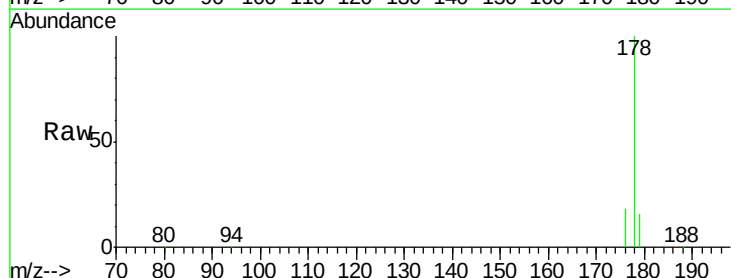
Tgt Ion:178 Resp: 249108

Ion Ratio Lower Upper

178 100

176 18.9 14.6 21.8

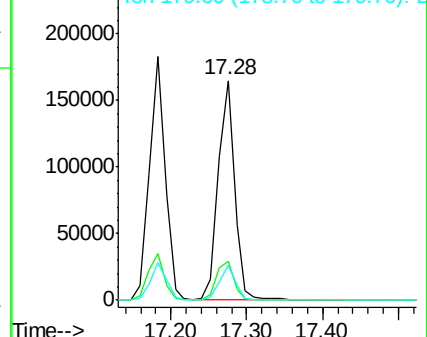
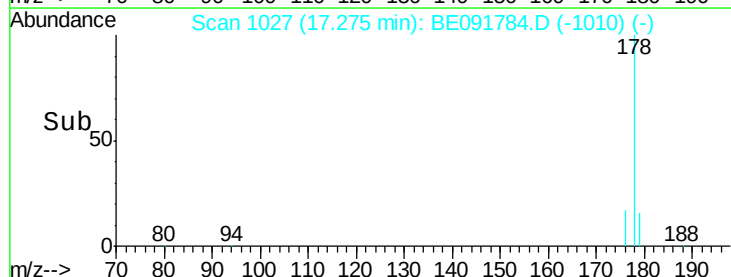
179 15.3 11.8 17.6

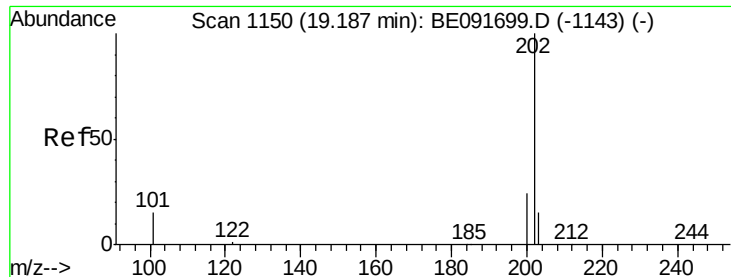


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene

Concen: 4.29 ng

RT: 19.19 min Scan# 1150

Delta R.T. -0.00 min

Lab File: BE091784.D

Acq: 16 May 2016 21:35

Instrument :

BNA_E

ClientSampleId :

PB90599BS

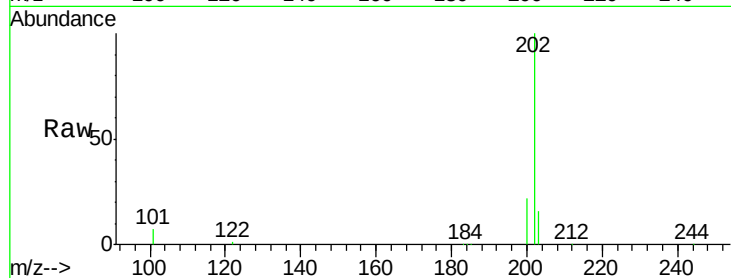
Tgt Ion:202 Resp: 297797

Ion Ratio Lower Upper

202 100

101 10.6 11.0 16.6#

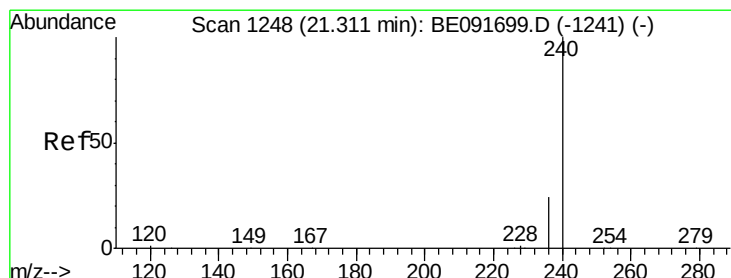
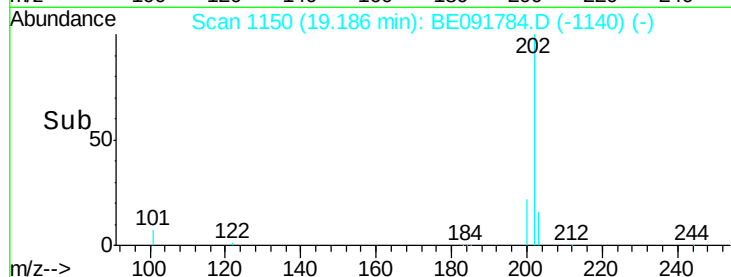
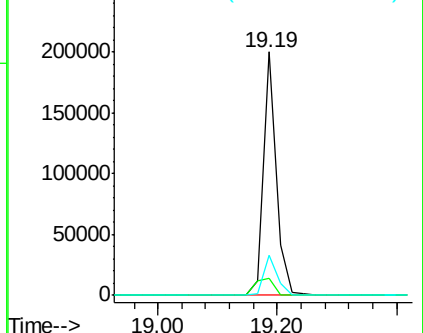
203 17.4 13.9 20.9



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: BE091784.D

Acq: 16 May 2016 21:35

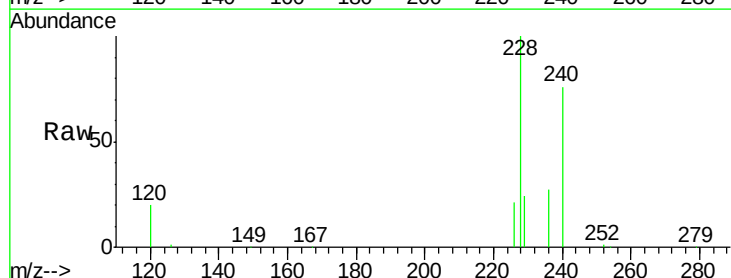
Tgt Ion:240 Resp: 245507

Ion Ratio Lower Upper

240 100

120 26.5 11.0 16.4#

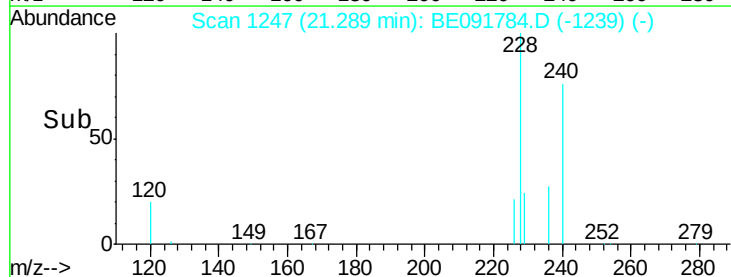
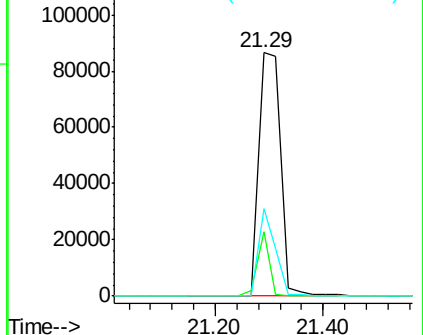
236 35.9 21.7 32.5#

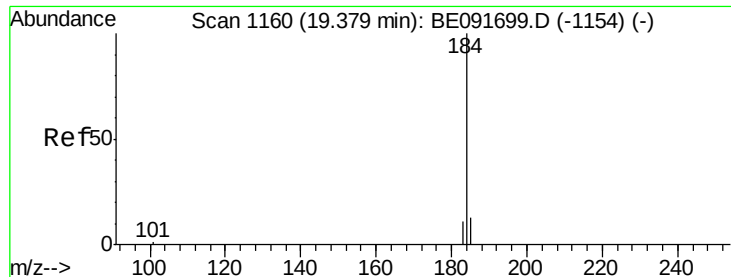


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#27

Benzidine

Concen: 5.22 ng

RT: 19.38 min Scan# 1160

Delta R.T. 0.00 min

Lab File: BE091784.D

Acq: 16 May 2016 21:35

Instrument :

BNA_E

ClientSampleId :

PB90599BS

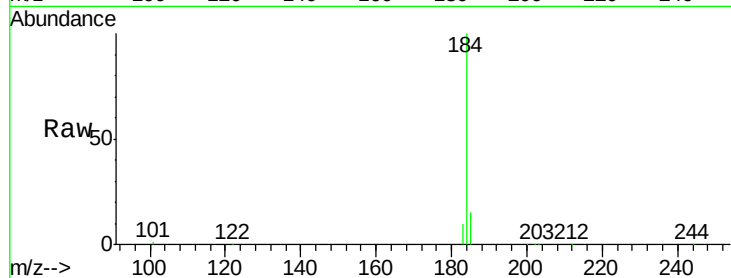
Tgt Ion:184 Resp: 101443

Ion Ratio Lower Upper

184 100

185 14.9 22.3 33.5#

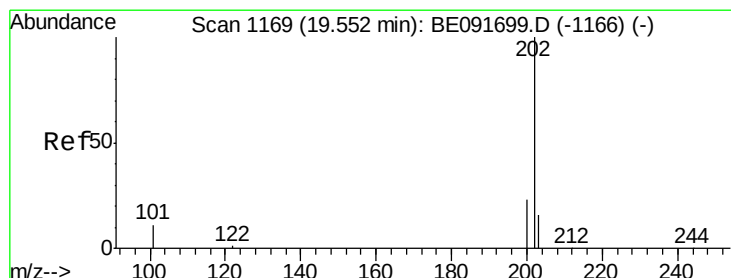
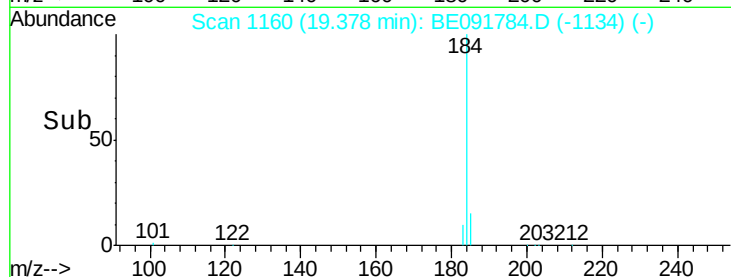
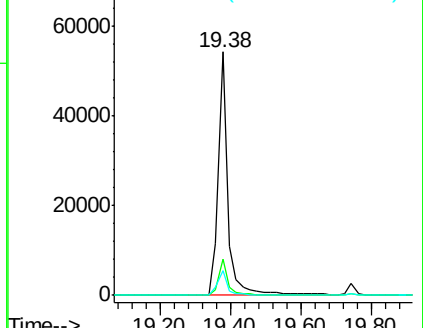
183 9.9 16.4 24.6#



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: 5.73 ng

RT: 19.55 min Scan# 1169

Delta R.T. -0.00 min

Lab File: BE091784.D

Acq: 16 May 2016 21:35

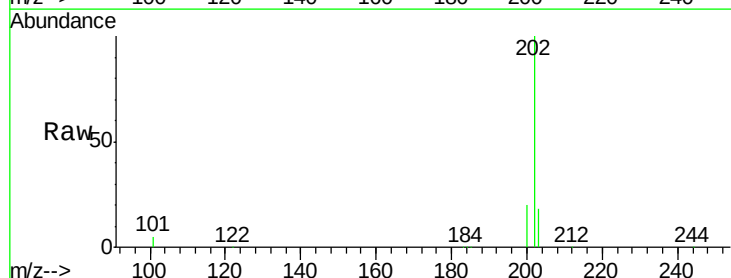
Tgt Ion:202 Resp: 317628

Ion Ratio Lower Upper

202 100

200 21.0 16.8 25.2

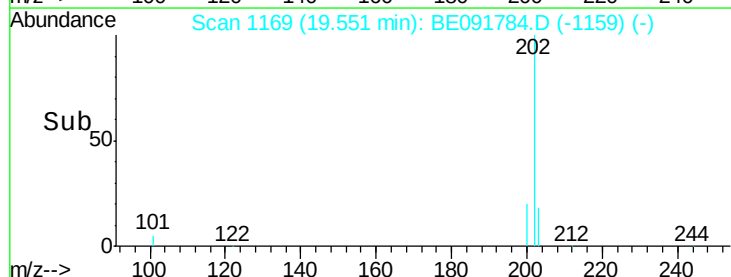
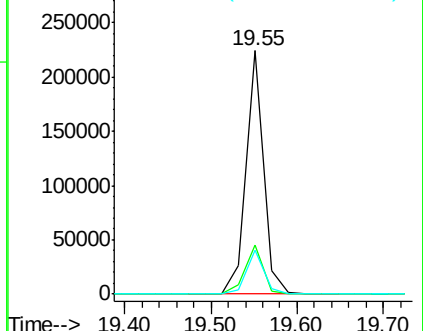
203 18.3 14.0 21.0

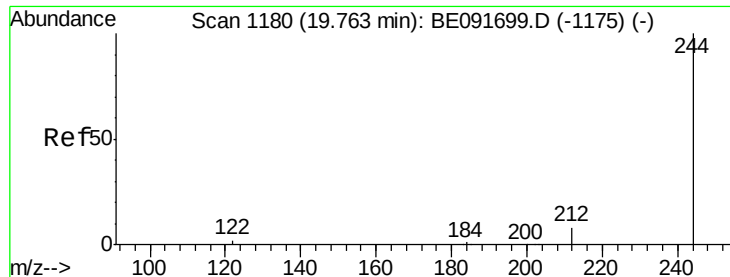


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 4.73 ng

RT: 19.76 min Scan# 1180

Delta R.T. -0.00 min

Lab File: BE091784.D

Acq: 16 May 2016 21:35

Instrument :

BNA_E

ClientSampleId :

PB90599BS

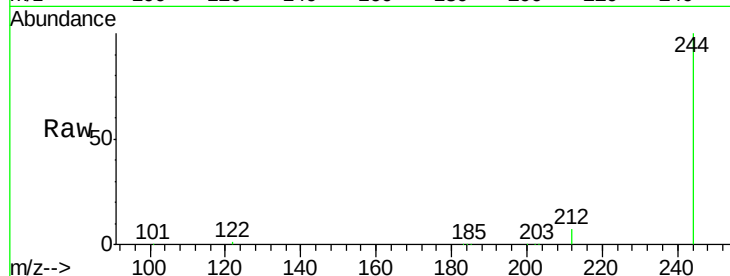
Tgt Ion:244 Resp: 180996

Ion Ratio Lower Upper

244 100

212 6.6 6.9 10.3#

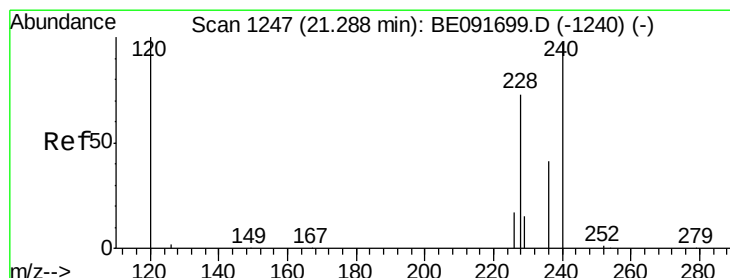
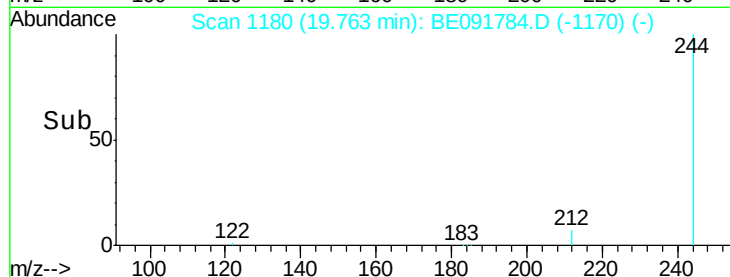
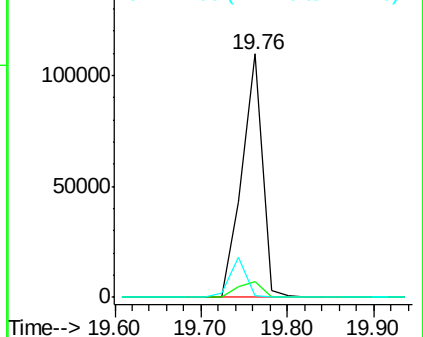
122 0.8 11.0 16.4#



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: 4.71 ng

RT: 21.29 min Scan# 1247

Delta R.T. 0.00 min

Lab File: BE091784.D

Acq: 16 May 2016 21:35

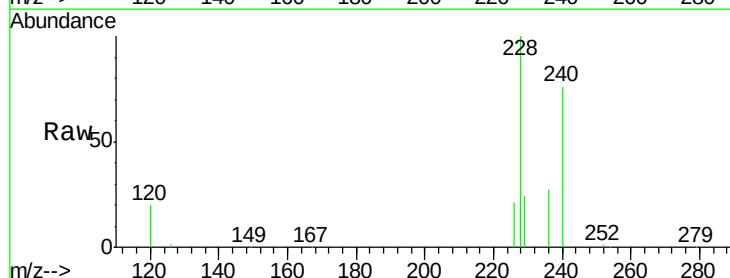
Tgt Ion:228 Resp: 282642

Ion Ratio Lower Upper

228 100

226 20.6 21.0 31.4#

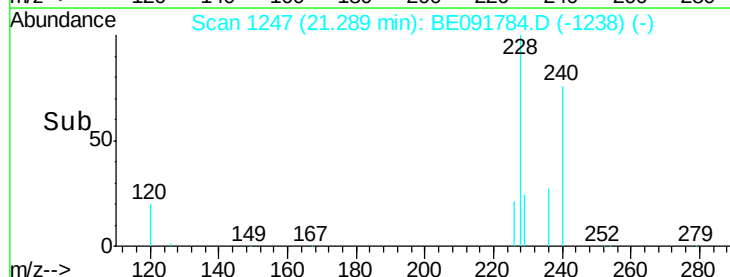
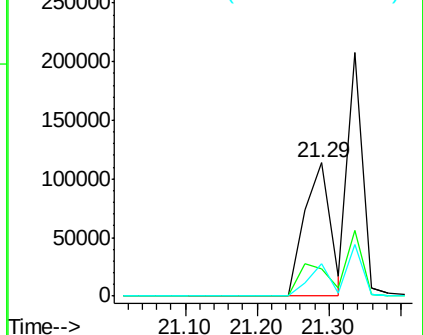
229 24.2 15.7 23.5#

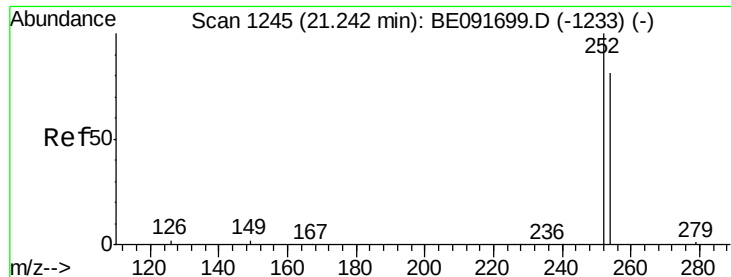


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

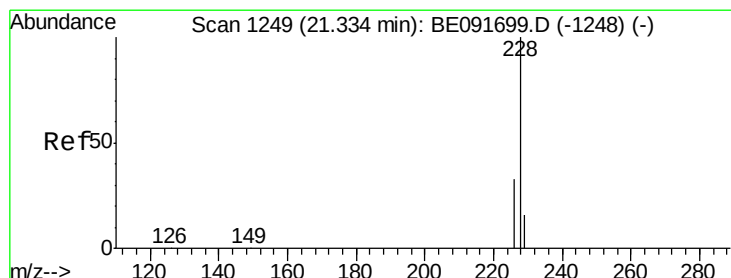
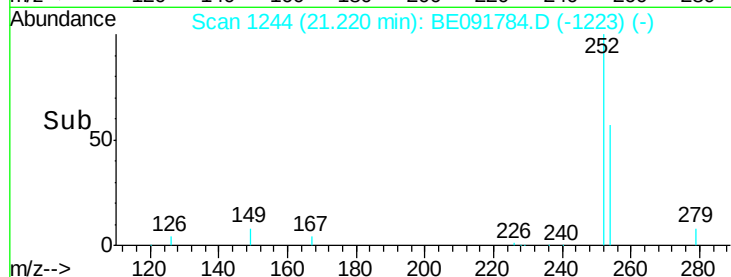
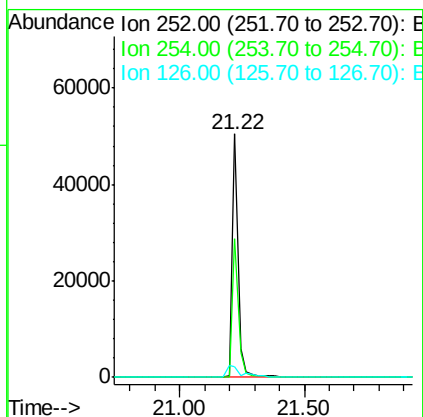
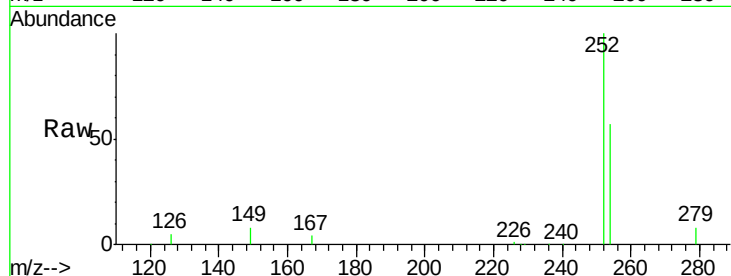




#31
 3,3'-Dichlorobenzidine
 Concen: 2.71 ng
 RT: 21.22 min Scan# 1244
 Delta R.T. -0.02 min
 Lab File: BE091784.D
 Acq: 16 May 2016 21:35

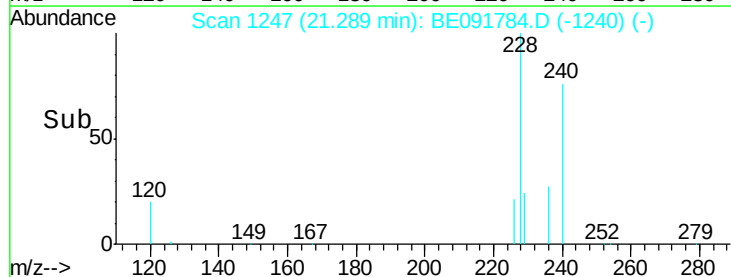
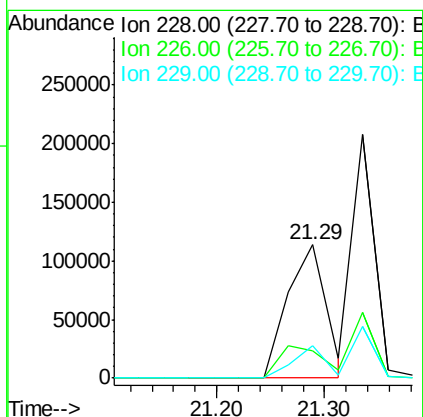
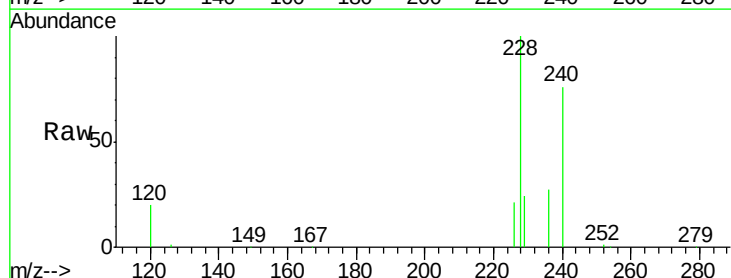
Instrument :
 BNA_E
 ClientSampleId :
 PB90599BS

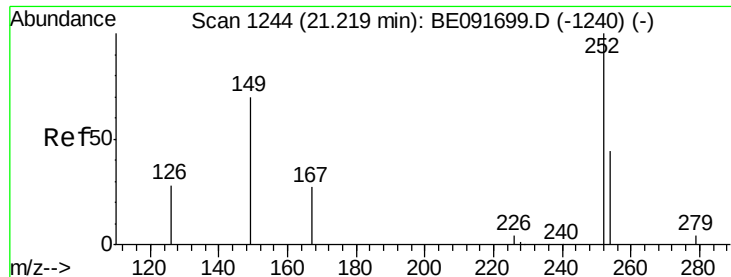
Tgt Ion: 252 Resp: 82935
 Ion Ratio Lower Upper
 252 100
 254 56.9 51.1 76.7
 126 4.5 12.6 18.8#



#32
 Chrysene
 Concen: 4.53 ng
 RT: 21.29 min Scan# 1247
 Delta R.T. -0.05 min
 Lab File: BE091784.D
 Acq: 16 May 2016 21:35

Tgt Ion: 228 Resp: 282616
 Ion Ratio Lower Upper
 228 100
 226 20.6 24.0 36.0#
 229 24.2 15.9 23.9#





#33

Bis(2-ethylhexyl)phthalate

Concen: 10.34 ng

RT: 21.20 min Scan# 1243

Delta R.T. -0.02 min

Lab File: BE091784.D

Acq: 16 May 2016 21:35

Instrument :

BNA_E

ClientSampleId :

PB90599BS

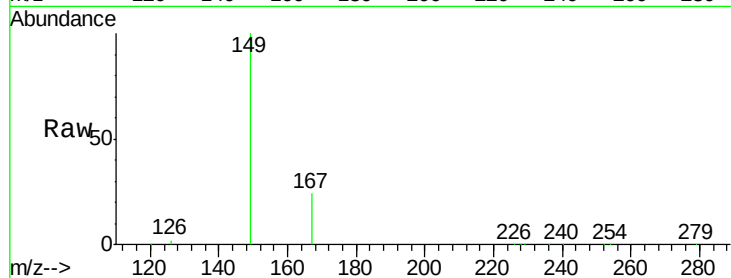
Tgt Ion:149 Resp: 187855

Ion Ratio Lower Upper

149 100

167 24.4 19.5 29.3

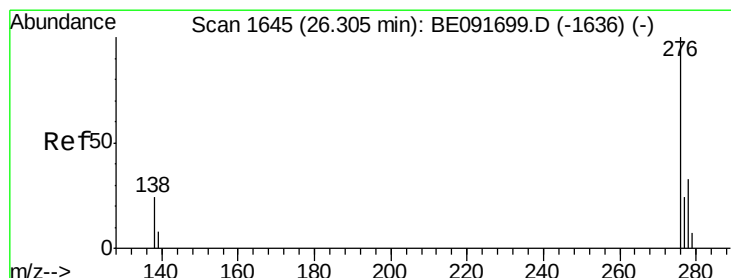
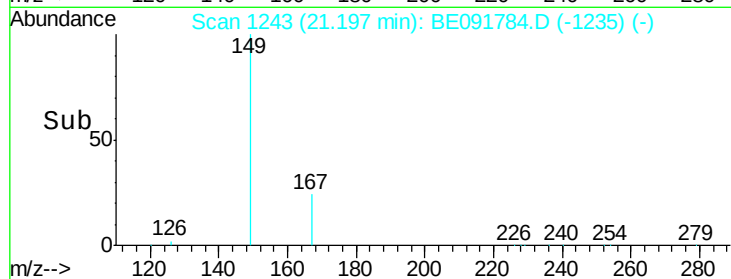
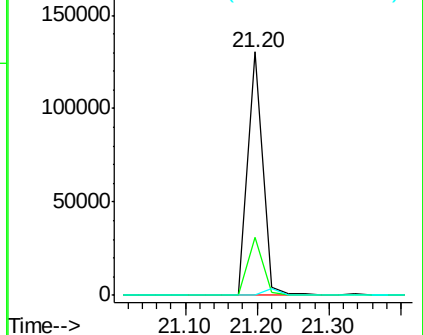
279 0.0 10.0 15.0#



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: 5.43 ng

RT: 26.29 min Scan# 1644

Delta R.T. -0.01 min

Lab File: BE091784.D

Acq: 16 May 2016 21:35

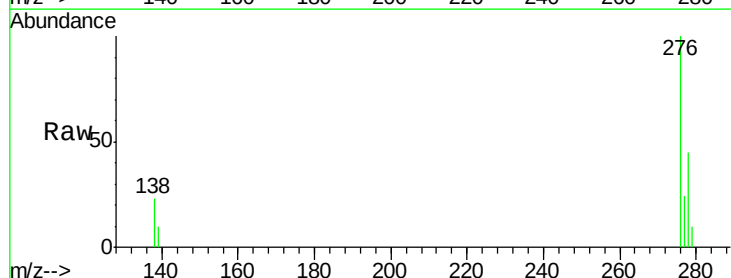
Tgt Ion:276 Resp: 301370

Ion Ratio Lower Upper

276 100

138 24.2 23.4 35.2

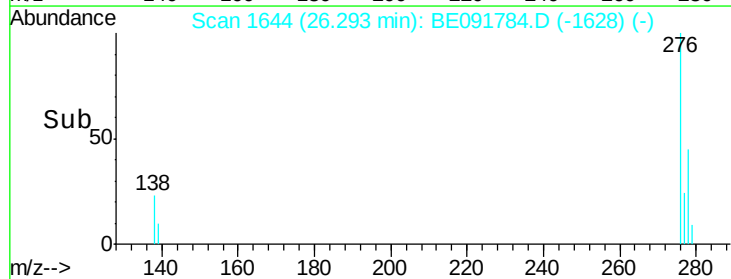
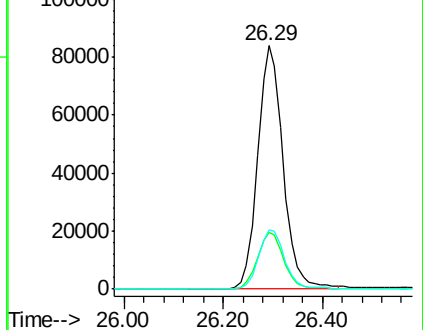
277 24.8 19.8 29.8

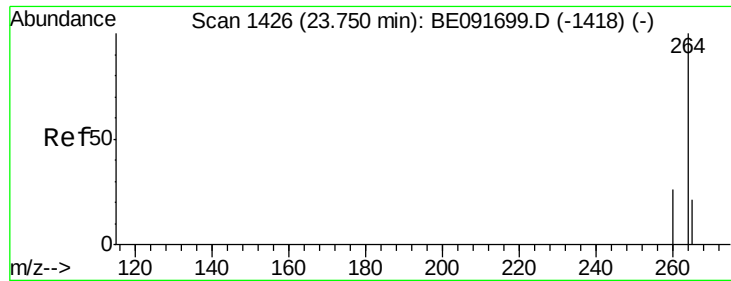


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

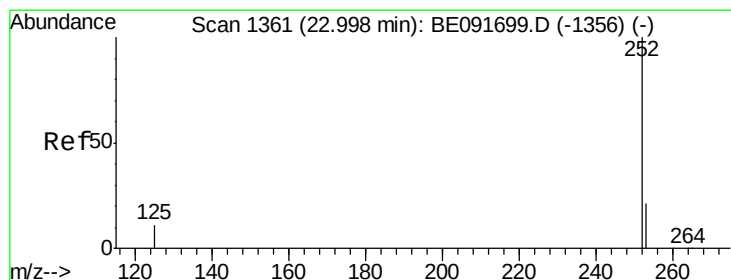
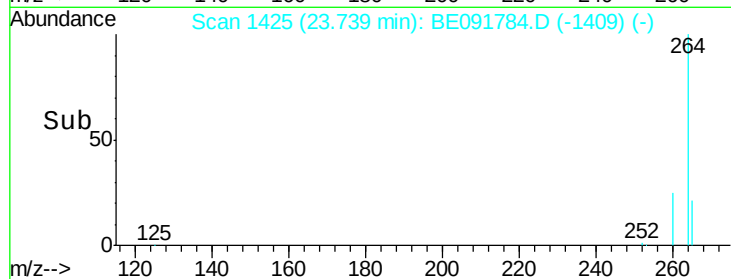
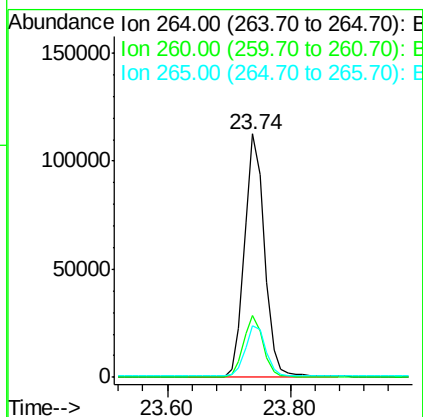
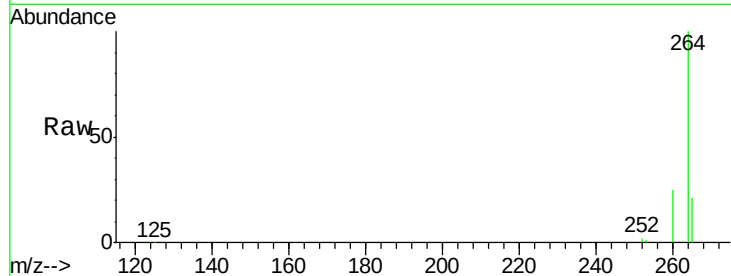




#35
 Perylene-d12
 Concen: 5.00 ng
 RT: 23.74 min Scan# 1425
 Delta R.T. -0.01 min
 Lab File: BE091784.D
 Acq: 16 May 2016 21:35

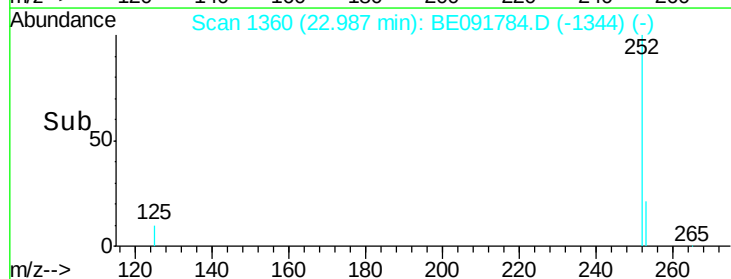
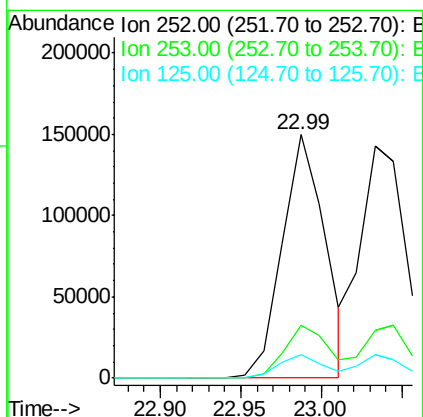
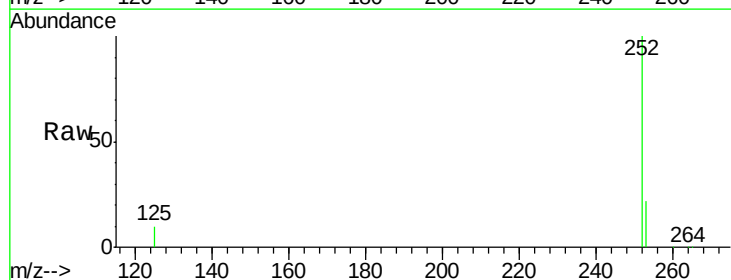
Instrument :
 BNA_E
 ClientSampleId :
 PB90599BS

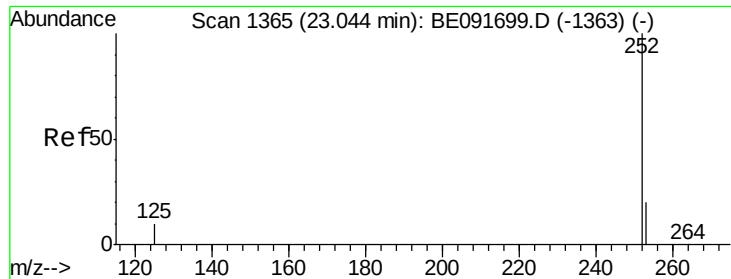
Tgt Ion: 264 Resp: 259187
 Ion Ratio Lower Upper
 264 100
 260 25.5 20.0 30.0
 265 21.4 17.5 26.3



#36
 Benzo(b)fluoranthene
 Concen: 4.58 ng
 RT: 22.99 min Scan# 1360
 Delta R.T. -0.01 min
 Lab File: BE091784.D
 Acq: 16 May 2016 21:35

Tgt Ion: 252 Resp: 278064
 Ion Ratio Lower Upper
 252 100
 253 21.6 17.4 26.0
 125 9.7 10.2 15.2#





#37

Benzo(k)fluoranthene

Concen: 4.63 ng

RT: 23.03 min Scan# 1364

Delta R.T. -0.01 min

Lab File: BE091784.D

Acq: 16 May 2016 21:35

Instrument :

BNA_E

ClientSampleId :

PB90599BS

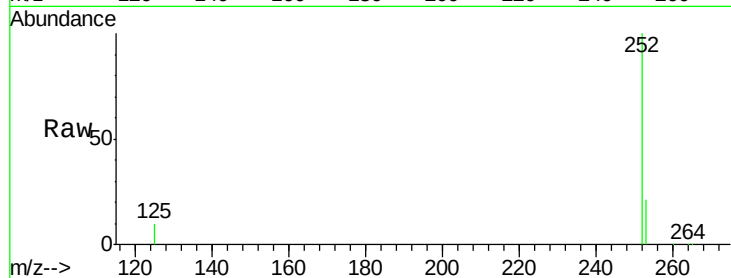
Tgt Ion:252 Resp: 285662

Ion Ratio Lower Upper

252 100

253 20.6 17.6 26.4

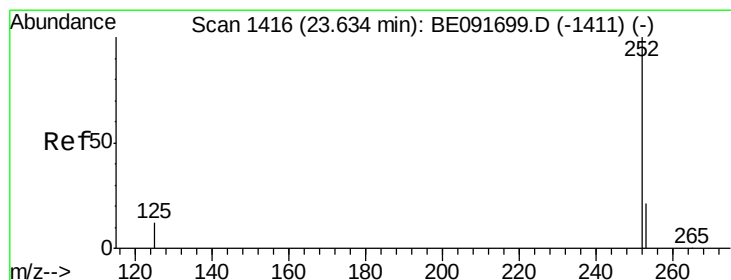
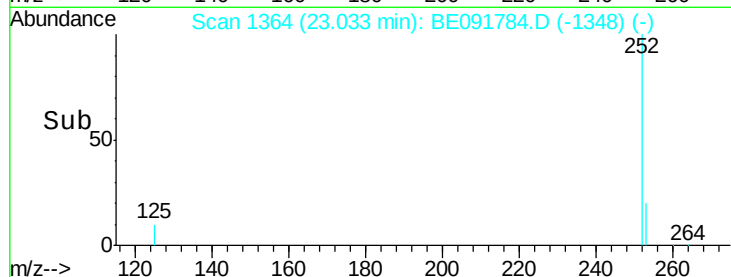
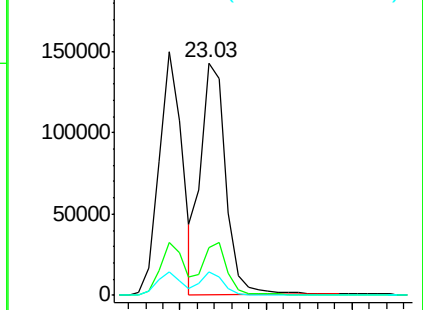
125 9.9 9.9 14.9



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#38

Benzo(a)pyrene

Concen: 4.67 ng

RT: 23.62 min Scan# 1415

Delta R.T. -0.01 min

Lab File: BE091784.D

Acq: 16 May 2016 21:35

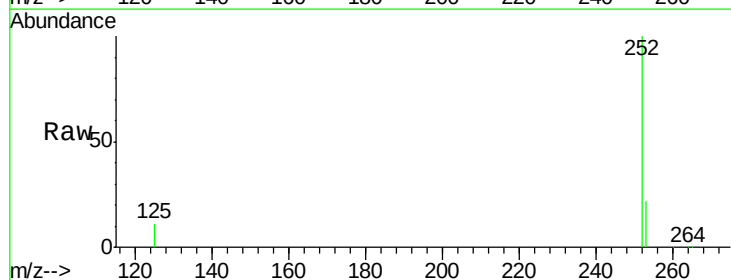
Tgt Ion:252 Resp: 267264

Ion Ratio Lower Upper

252 100

253 21.6 18.1 27.1

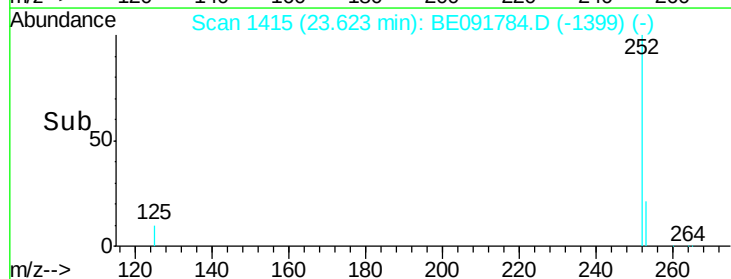
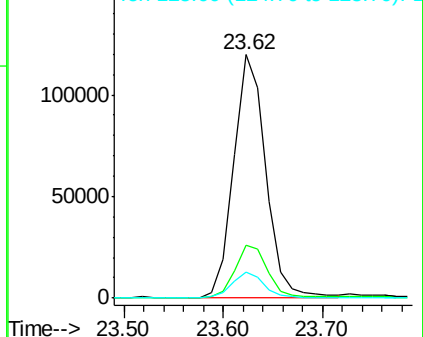
125 10.6 11.0 16.4#

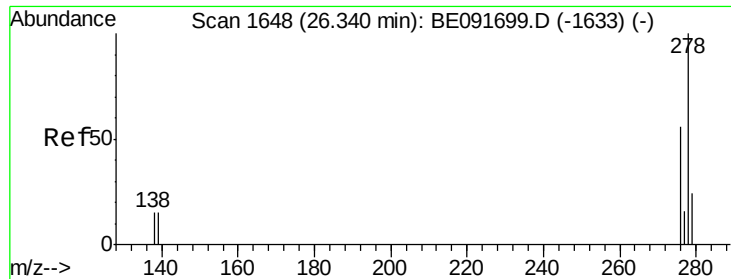


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#39

Dibenzo(a,h)anthracene

Concen: 4.64 ng

RT: 26.32 min Scan# 1646

Delta R.T. -0.02 min

Lab File: BE091784.D

Acq: 16 May 2016 21:35

Instrument :

BNA_E

ClientSampleId :

PB90599BS

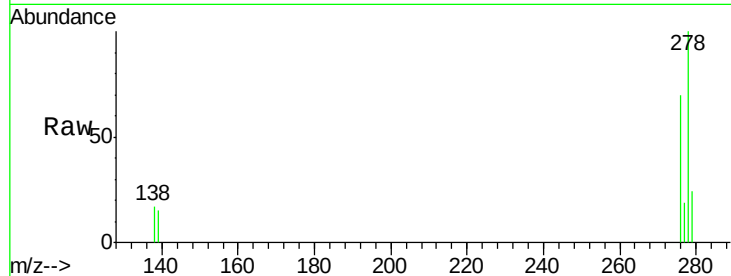
Tgt Ion: 278 Resp: 251278

Ion Ratio Lower Upper

278 100

139 15.2 16.0 24.0#

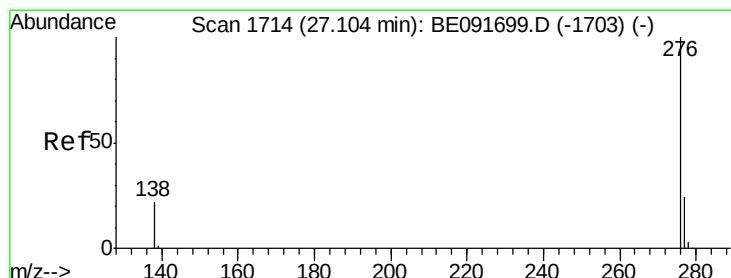
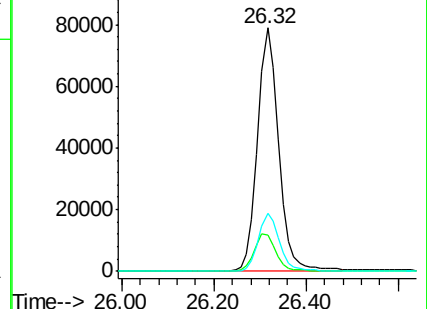
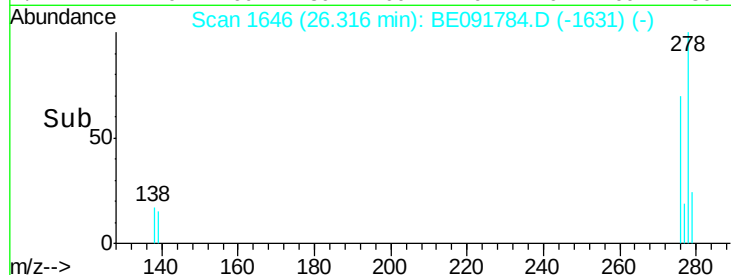
279 23.9 19.4 29.2



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#40

Benzo(g,h,i)perylene

Concen: 4.64 ng

RT: 27.08 min Scan# 1712

Delta R.T. -0.02 min

Lab File: BE091784.D

Acq: 16 May 2016 21:35

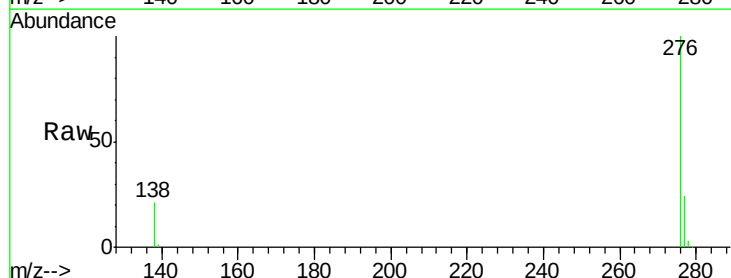
Tgt Ion: 276 Resp: 255791

Ion Ratio Lower Upper

276 100

277 23.5 18.6 28.0

138 20.9 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

