

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE051616\
 Data File : BE091778.D
 Acq On : 16 May 2016 17:52
 Operator : UM/SJ
 Sample : PB90589BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB90589BS

Quant Time: May 17 04:01:38 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	47933	5.00	ng	0.00
7) Naphthalene-d8	10.57	136	237108	5.00	ng	0.00
13) Acenaphthene-d10	14.40	164	140631	5.00	ng	-0.01
19) Phenanthrene-d10	17.15	188	361181	5.00	ng	0.00
26) Chrysene-d12	21.31	240	313486	5.00	ng	0.00
35) Perylene-d12	23.75	264	323974	5.00	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.39	112	68944	5.86	ng	0.00
5) Phenol-d6	6.95	99	103664	6.64	ng	0.00
8) Nitrobenzene-d5	8.95	82	46254	3.02	ng	0.00
14) 2,4,6-Tribromophenol	15.89	330	32014	6.15	ng	-0.01
15) 2-Fluorobiphenyl	13.04	172	131845	3.31	ng	0.00
29) Terphenyl-d14	19.76	244	190980	3.91	ng	0.00

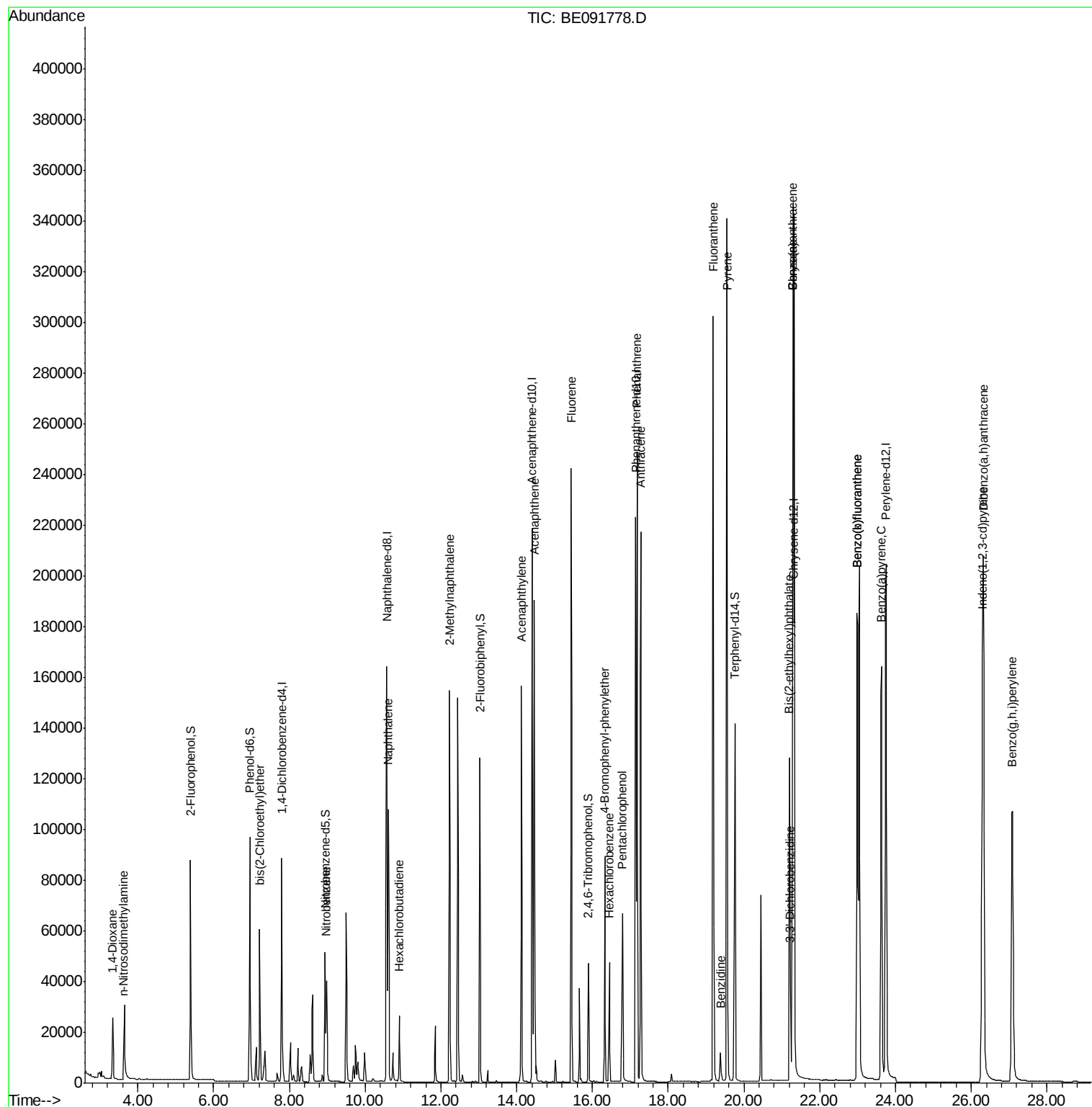
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.33	88	16092	2.84	ng	95
3) n-Nitrosodimethylamine	3.63	42	25310	2.91	ng	# 94
6) bis(2-Chloroethyl)ether	7.21	93	43545	3.17	ng	# 76
9) Nitrobenzene	8.98	77	51038	3.19	ng	93
10) Naphthalene	10.61	128	157137	3.28	ng	98
11) Hexachlorobutadiene	10.90	225	24584	3.48	ng	98
12) 2-Methylnaphthalene	12.23	142	112451	3.65	ng	98
16) Acenaphthylene	14.12	152	194421	3.59	ng	# 86
17) Acenaphthene	14.47	154	124177	3.54	ng	96
18) Fluorene	15.45	166	149896	3.44	ng	98
20) 4-Bromophenyl-phenylether	16.33	248	42509	3.27	ng	93
21) Hexachlorobenzene	16.45	284	44708	3.44	ng	99
22) Pentachlorophenol	16.79	266	46572	6.65	ng	# 88
23) Phenanthrene	17.18	178	263305	3.21	ng	99
24) Anthracene	17.28	178	250617	3.39	ng	98
25) Fluoranthene	19.19	202	303754	3.54	ng	# 96
27) Benzdine	19.38	184	19399	0.92	ng	# 76
28) Pyrene	19.55	202	330561	4.67	ng	99
30) Benzo(a)anthracene	21.29	228	283475	3.70	ng	# 90
31) 3,3'-Dichlorobenzidine	21.22	252	29145	0.75	ng	# 86
32) Chrysene	21.29	228	283475	3.56	ng	# 86
33) Bis(2-ethylhexyl)phthalate	21.20	149	153430	6.61	ng	# 87
34) Indeno(1,2,3-cd)pyrene	26.29	276	309718	4.37	ng	95
36) Benzo(b)fluoranthene	22.99	252	316865	4.17	ng	96
37) Benzo(k)fluoranthene	22.99	252	316865	4.11	ng	96
38) Benzo(a)pyrene	23.63	252	272181	3.81	ng	# 96
39) Dibenzo(a,h)anthracene	26.32	278	259614	3.83	ng	95
40) Benzo(g,h,i)perylene	27.09	276	264491	3.84	ng	# 93

(#) = 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: BE091778.D

Acq: 16 May 2016 17:52

Instrument :

BNA_E

ClientSampleId :

PB90589BS

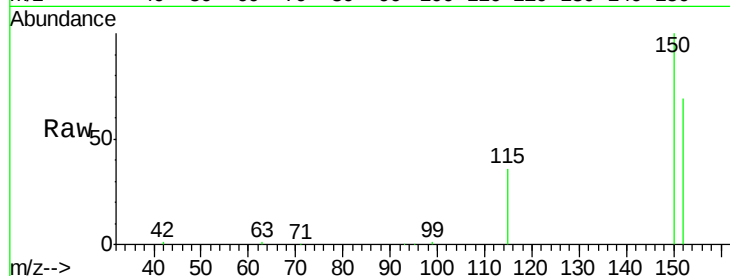
Tgt Ion:152 Resp: 47933

Ion Ratio Lower Upper

152 100

150 145.4 122.6 183.8

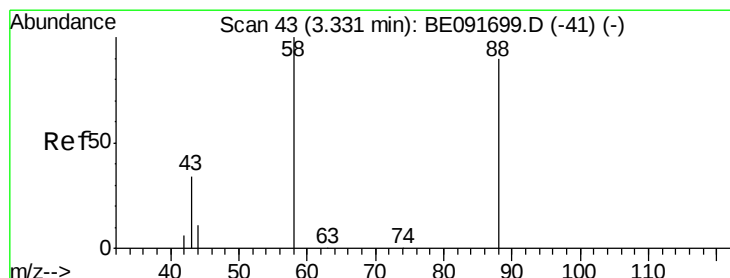
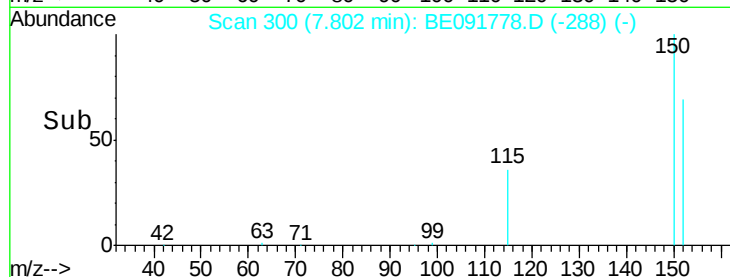
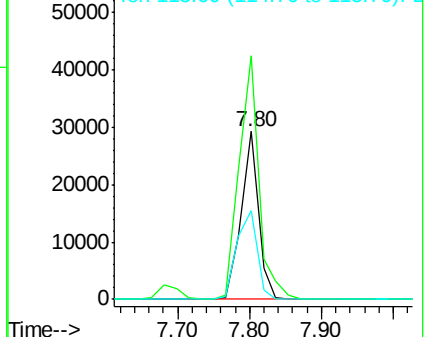
115 53.0 52.8 79.2



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: 2.84 ng

RT: 3.33 min Scan# 43

Delta R.T. 0.00 min

Lab File: BE091778.D

Acq: 16 May 2016 17:52

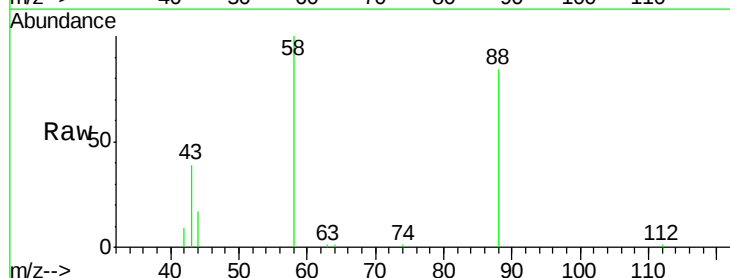
Tgt Ion: 88 Resp: 16092

Ion Ratio Lower Upper

88 100

58 86.0 65.8 98.6

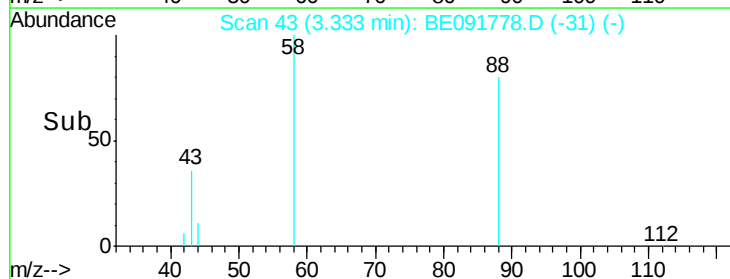
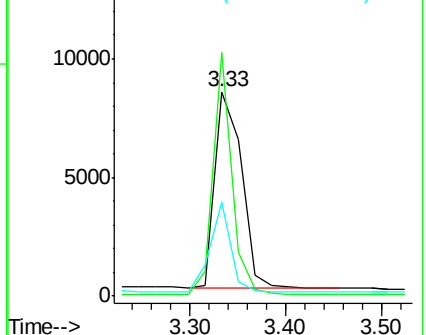
43 35.5 25.3 37.9

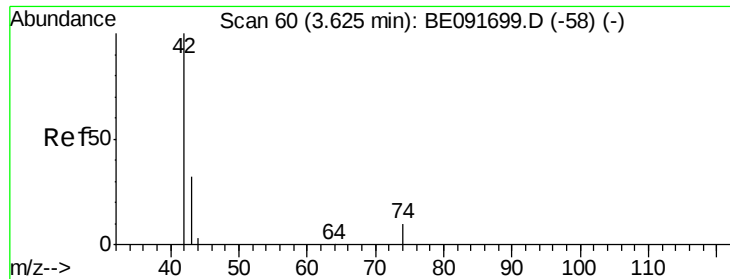


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#3

n-Nitrosodimethylamine

Concen: 2.91 ng

RT: 3.63 min Scan# 60

Delta R.T. 0.00 min

Lab File: BE091778.D

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Instrument :

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ClientSampleId :

PB90589BS

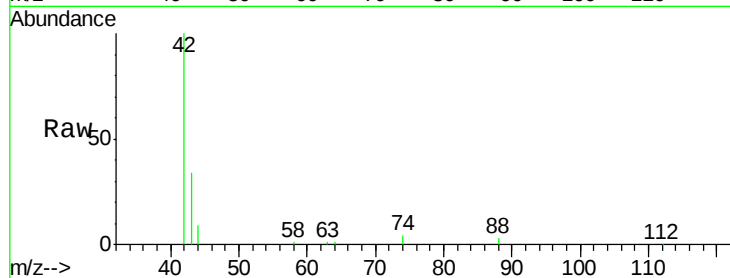
Tgt Ion: 42 Resp: 25310

Ion Ratio Lower Upper

42 100

74 103.6 87.9 131.9

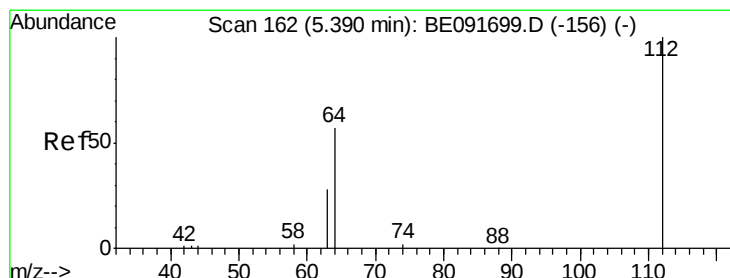
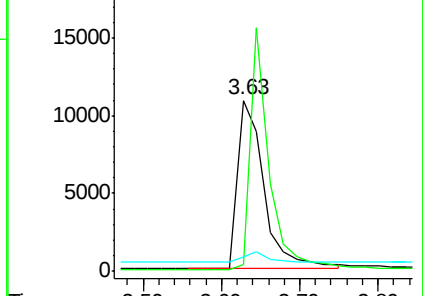
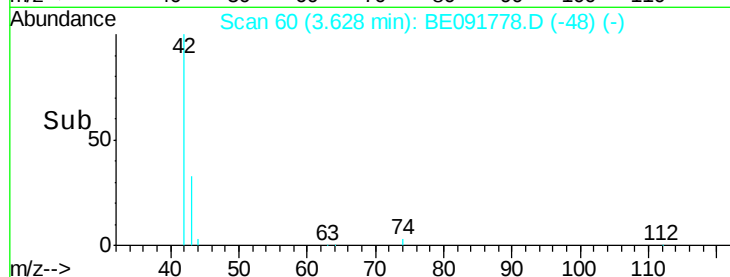
44 5.9 6.6 9.8#



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: 5.86 ng

RT: 5.39 min Scan# 162

Delta R.T. 0.00 min

Lab File: BE091778.D

Acq: 16 May 2016 17:52

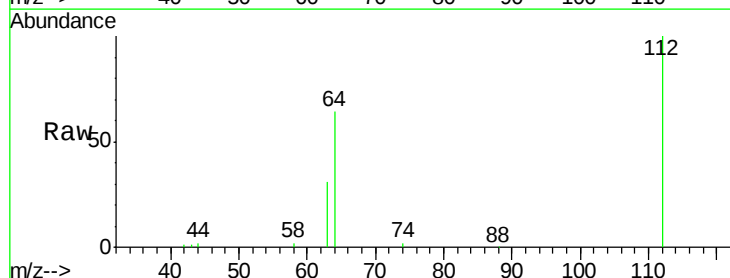
Tgt Ion: 112 Resp: 68944

Ion Ratio Lower Upper

112 100

64 66.3 30.9 46.3#

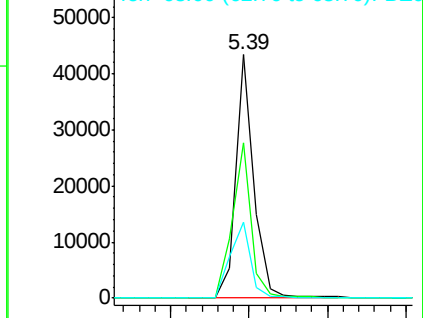
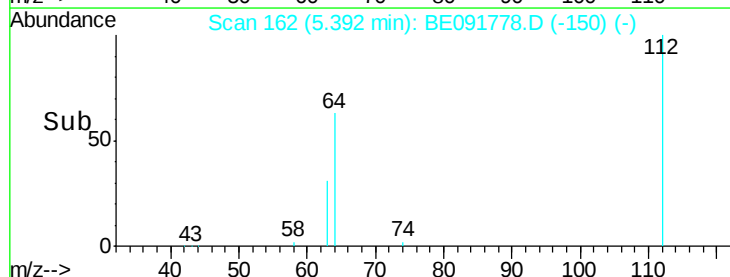
63 35.4 16.7 25.1#

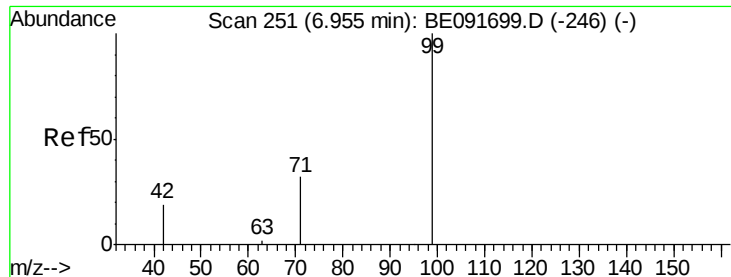


Abundance Ion 112.00 (111.70 to 112.70): BE0

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 6.64 ng

RT: 6.95 min Scan# 251

Delta R.T. -0.00 min

Lab File: BE091778.D

Acq: 16 May 2016 17:52

Instrument :

BNA_E

ClientSampleId :

PB90589BS

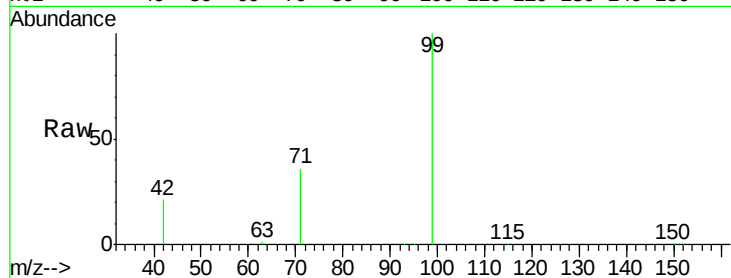
Tgt Ion: 99 Resp: 103664

Ion Ratio Lower Upper

99 100

42 24.6 16.2 24.2#

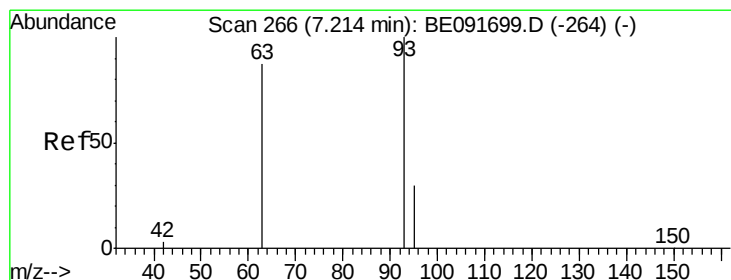
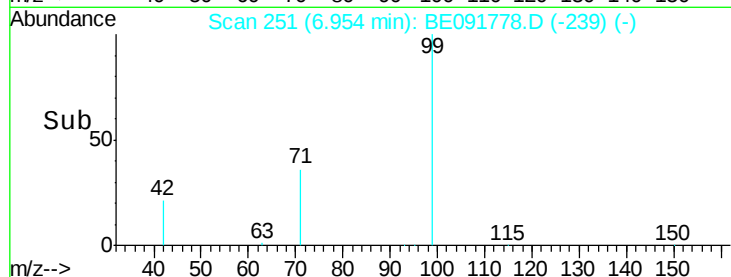
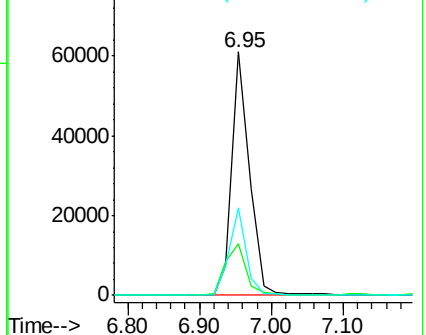
71 34.7 29.0 43.4



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: 3.17 ng

RT: 7.21 min Scan# 266

Delta R.T. -0.00 min

Lab File: BE091778.D

Acq: 16 May 2016 17:52

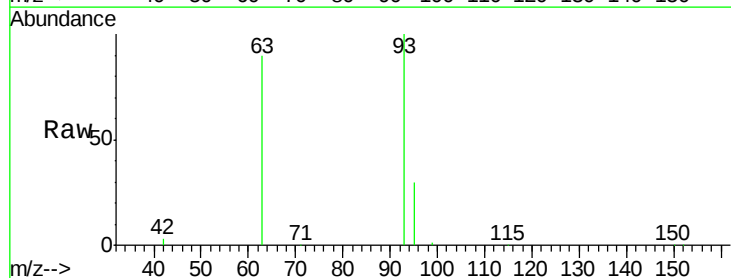
Tgt Ion: 93 Resp: 43545

Ion Ratio Lower Upper

93 100

63 85.2 49.5 74.3#

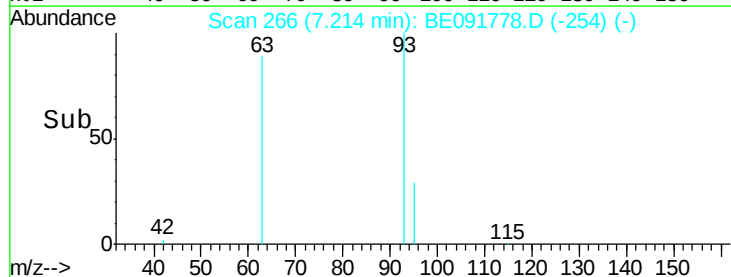
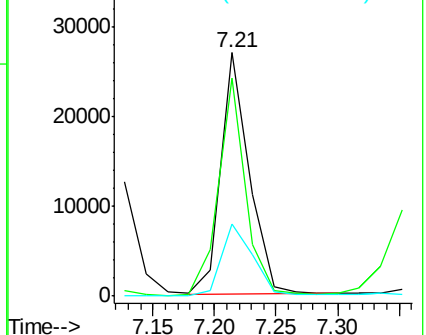
95 32.6 22.2 33.4

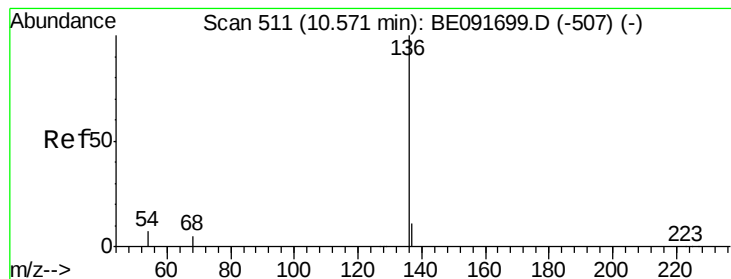


Abundance Ion 93.00 (92.70 to 93.70): BE0

Ion 63.00 (62.70 to 63.70): BE0

Ion 95.00 (94.70 to 95.70): BE0





#7

Naphthalene-d8

Concen: 5.00 ng

RT: 10.57 min Scan# 511

Delta R.T. 0.00 min

Lab File: BE091778.D

Acq: 16 May 2016 17:52

Instrument :

BNA_E

ClientSampleId :

PB90589BS

Tgt Ion: 136 Resp: 237108

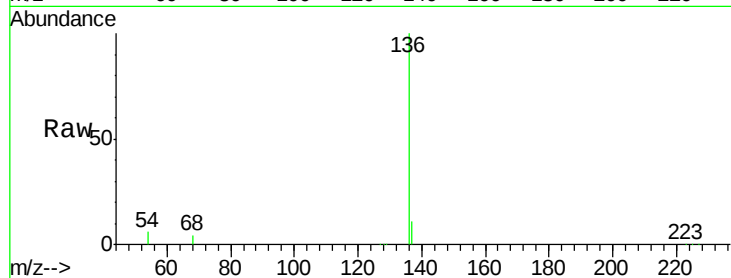
Ion Ratio Lower Upper

136 100

137 11.2 8.9 13.3

54 5.5 8.2 12.4#

68 4.4 6.2 9.4#

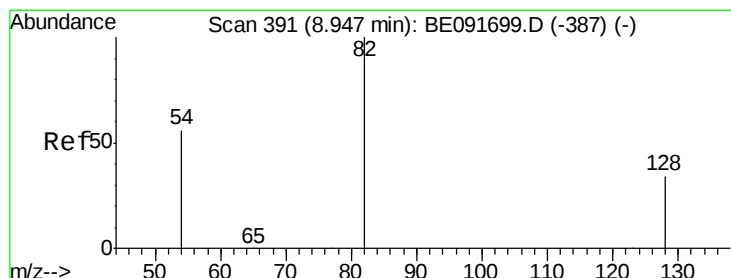
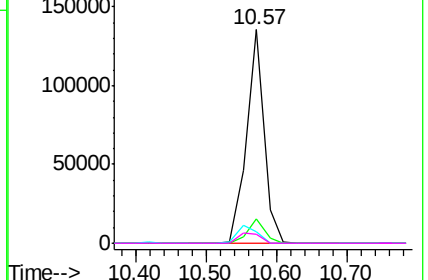
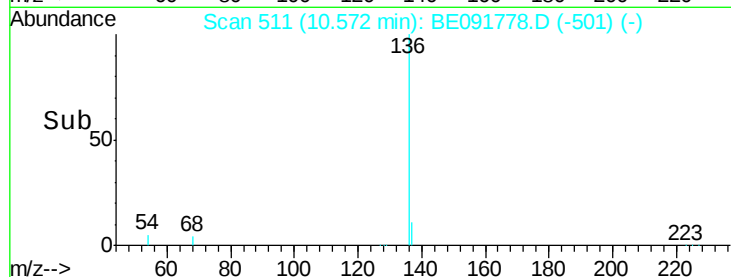


Abundance Ion 136.00 (135.70 to 136.70): E

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: 3.02 ng

RT: 8.95 min Scan# 391

Delta R.T. -0.00 min

Lab File: BE091778.D

Acq: 16 May 2016 17:52

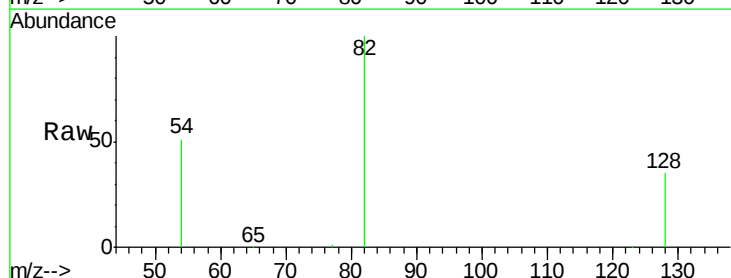
Tgt Ion: 82 Resp: 46254

Ion Ratio Lower Upper

82 100

128 34.9 25.4 38.0

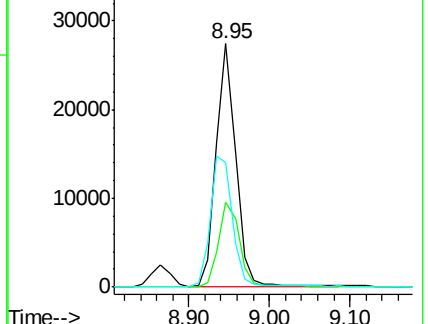
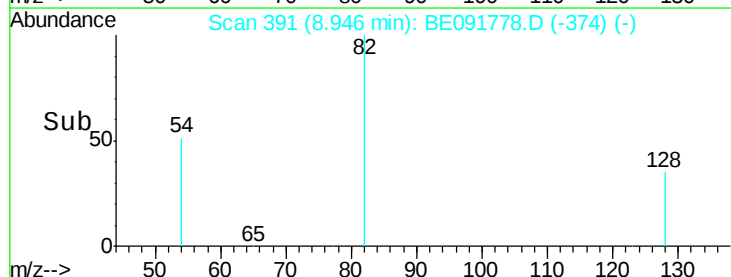
54 51.0 48.4 72.6

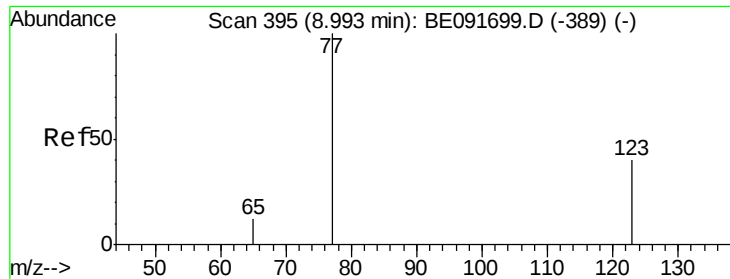


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Nitrobenzene

Concen: 3.19 ng

RT: 8.98 min Scan# 394

Delta R.T. -0.01 min

Lab File: BE091778.D

Acq: 16 May 2016 17:52

Instrument :

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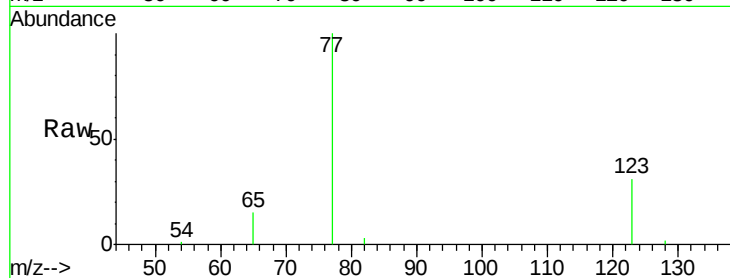
Tgt Ion: 77 Resp: 51038

Ion Ratio Lower Upper

77 100

123 37.8 26.9 40.3

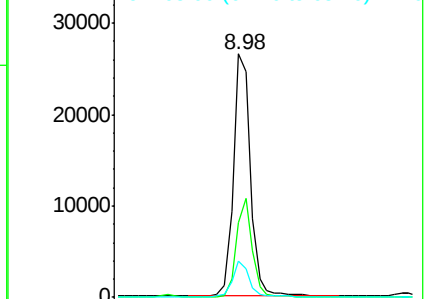
65 13.9 9.4 14.2



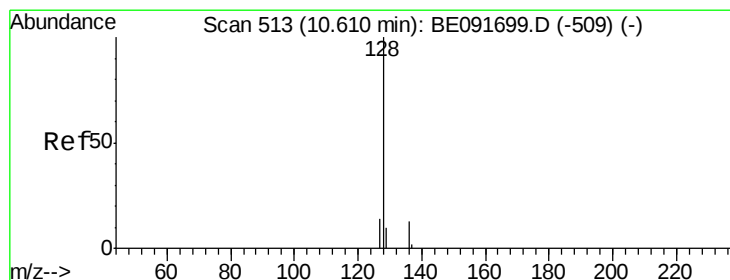
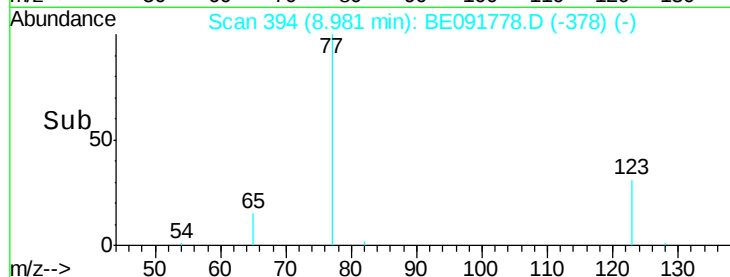
Abundance Ion 77.00 (76.70 to 77.70): BE091699.D (-389) (-)

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

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



Time--> 8.80 8.90 9.00 9.10 9.20



#10

Naphthalene

Concen: 3.28 ng

RT: 10.61 min Scan# 513

Delta R.T. 0.00 min

Lab File: BE091778.D

Acq: 16 May 2016 17:52

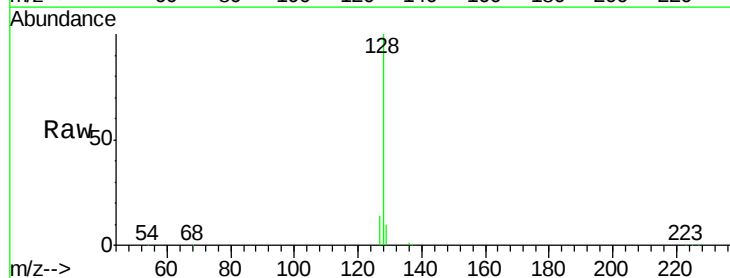
Tgt Ion: 128 Resp: 157137

Ion Ratio Lower Upper

128 100

129 10.4 9.3 13.9

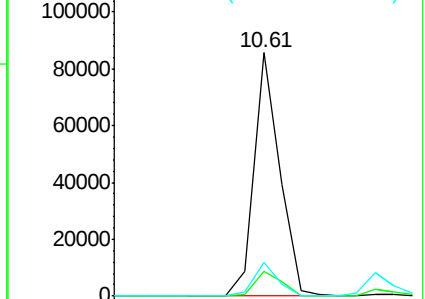
127 13.8 10.7 16.1



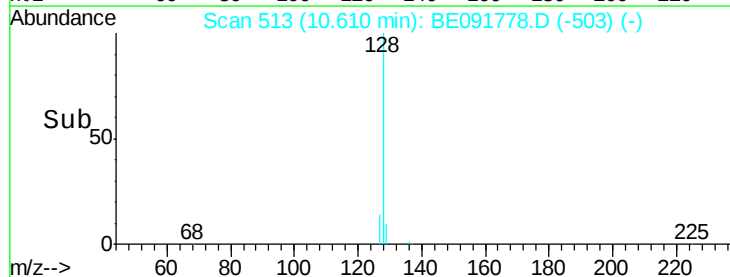
Abundance Ion 128.00 (127.70 to 128.70): BE091699.D (-509) (-)

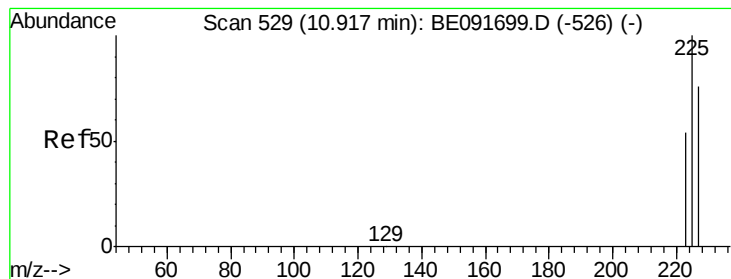
Ion 129.00 (128.70 to 129.70): BE091699.D (-509) (-)

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



Time--> 10.50 10.60 10.70





#11

Hexachlorobutadiene

Concen: 3.48 ng

RT: 10.90 min Scan# 528

Delta R.T. -0.02 min

Lab File: BE091778.D

Acq: 16 May 2016 17:52

Instrument :

BNA_E

ClientSampleId :

PB90589BS

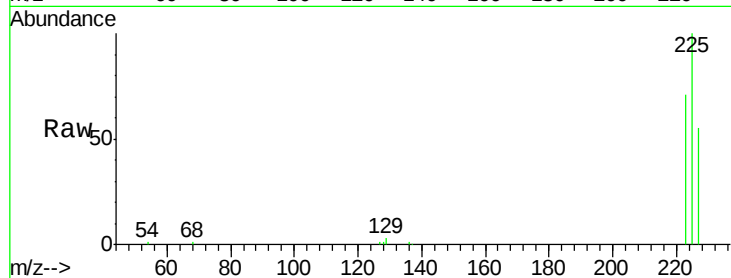
Tgt Ion: 225 Resp: 24584

Ion Ratio Lower Upper

225 100

223 64.2 49.0 73.6

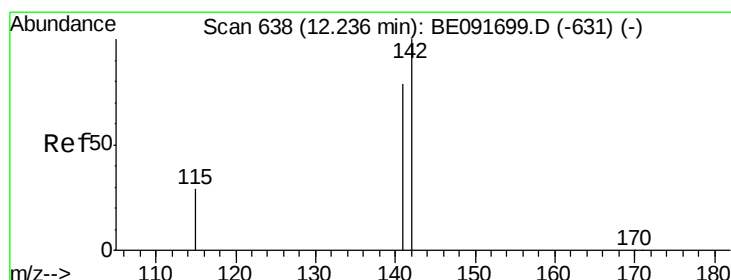
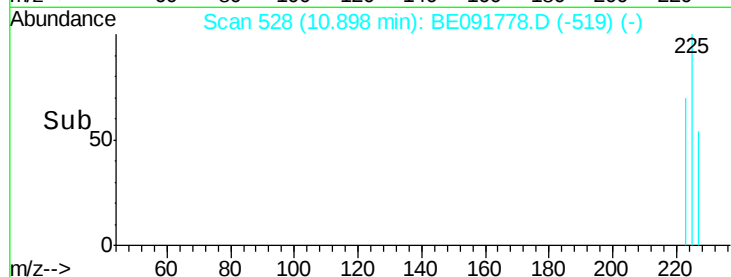
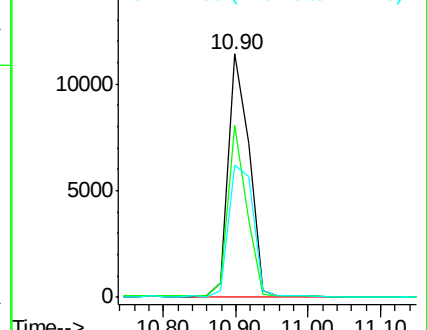
227 63.8 50.3 75.5



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: 3.65 ng

RT: 12.23 min Scan# 637

Delta R.T. -0.01 min

Lab File: BE091778.D

Acq: 16 May 2016 17:52

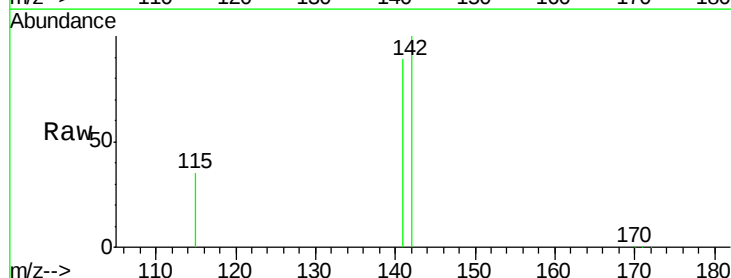
Tgt Ion: 142 Resp: 112451

Ion Ratio Lower Upper

142 100

141 88.5 71.4 107.0

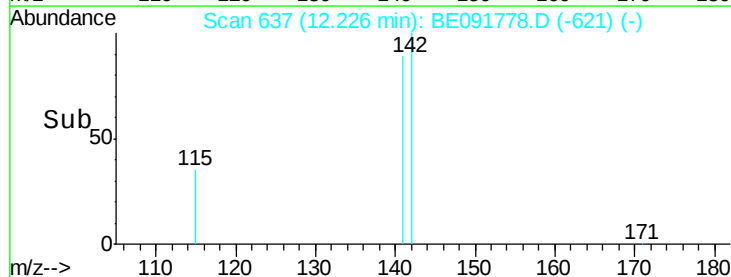
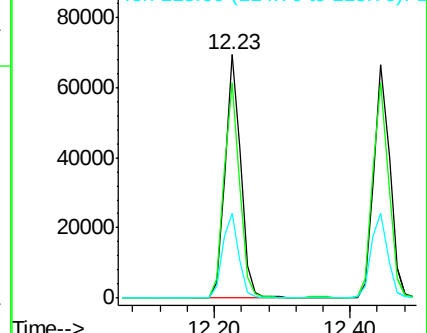
115 35.0 30.3 45.5

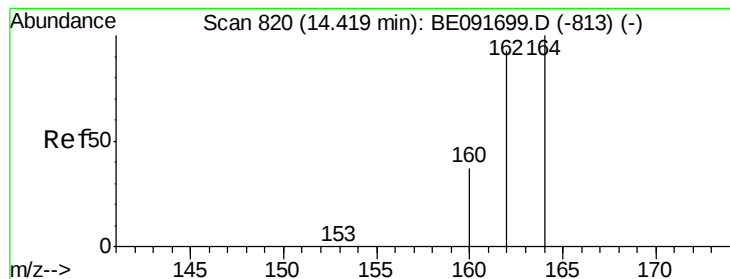


Abundance Ion 142.00 (141.70 to 142.70): E

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: 14.40 min Scan# 819

Delta R.T. -0.01 min

Lab File: BE091778.D

Acq: 16 May 2016 17:52

Instrument :

BNA_E

ClientSampleId :

PB90589BS

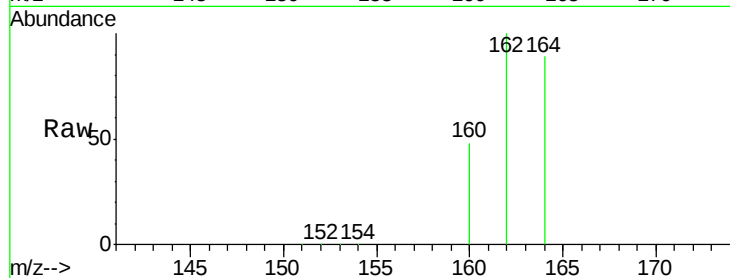
Tgt Ion:164 Resp: 140631

Ion Ratio Lower Upper

164 100

162 112.9 85.3 127.9

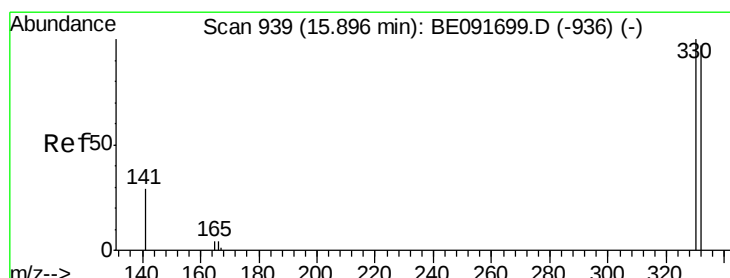
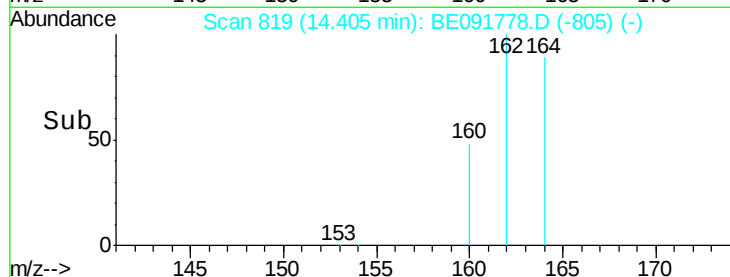
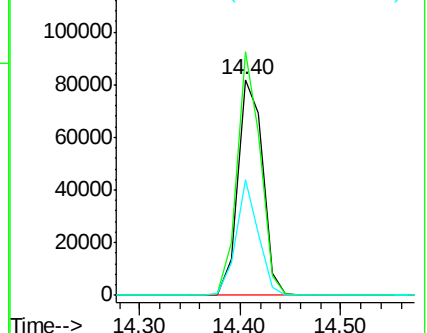
160 53.7 46.2 69.2



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: 6.15 ng

RT: 15.89 min Scan# 938

Delta R.T. -0.01 min

Lab File: BE091778.D

Acq: 16 May 2016 17:52

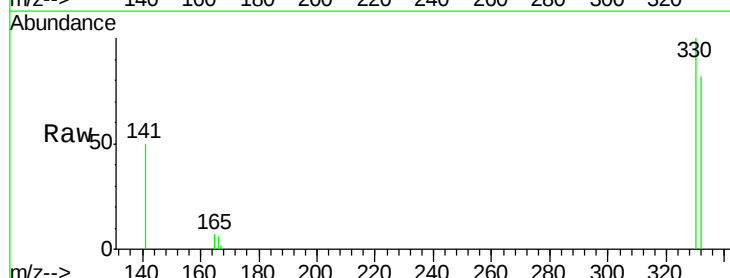
Tgt Ion:330 Resp: 32014

Ion Ratio Lower Upper

330 100

332 96.8 79.1 118.7

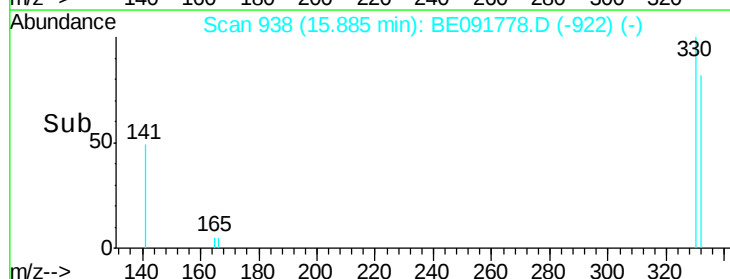
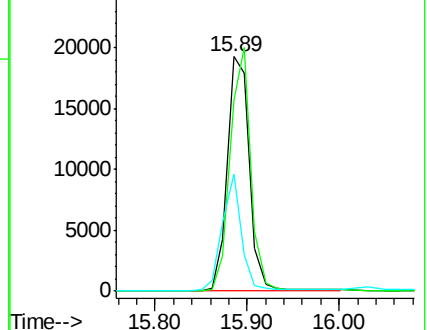
141 42.3 125.4 188.0#

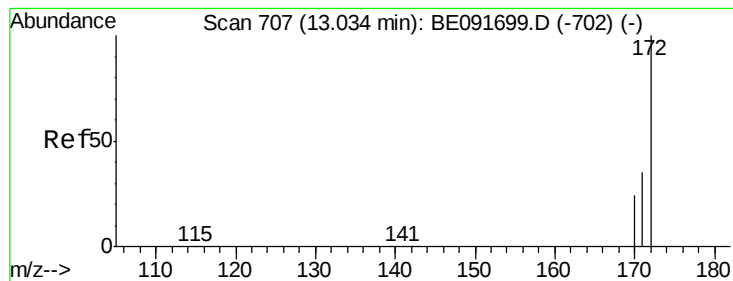


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

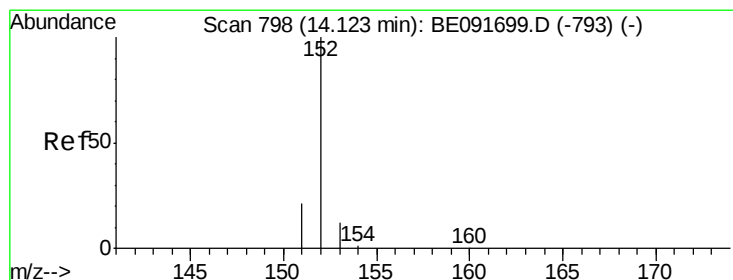
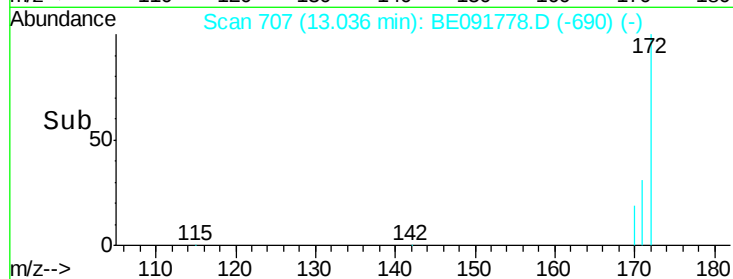
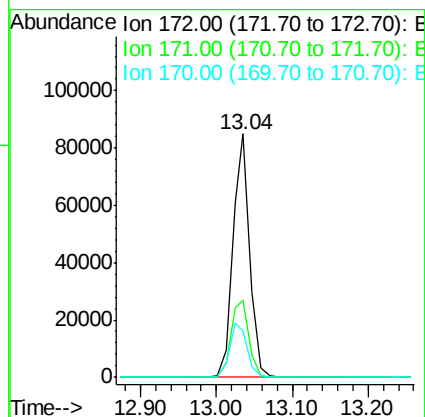
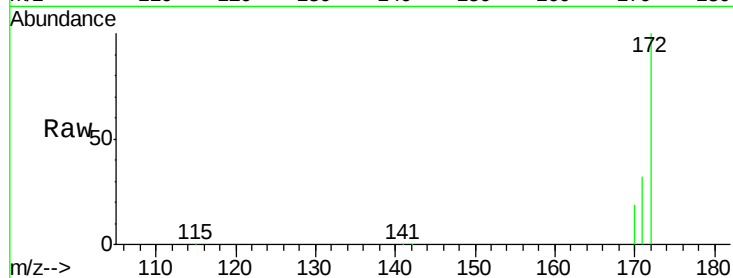




#15
2-Fluorobiphenyl
Concen: 3.31 ng
RT: 13.04 min Scan# 707
Delta R.T. 0.00 min
Lab File: BE091778.D
Acq: 16 May 2016 17:52

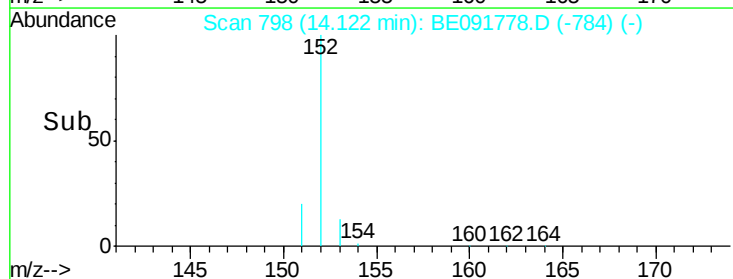
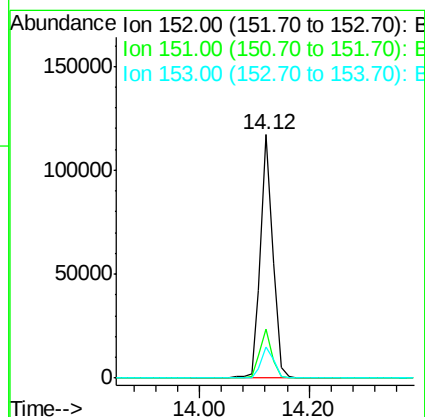
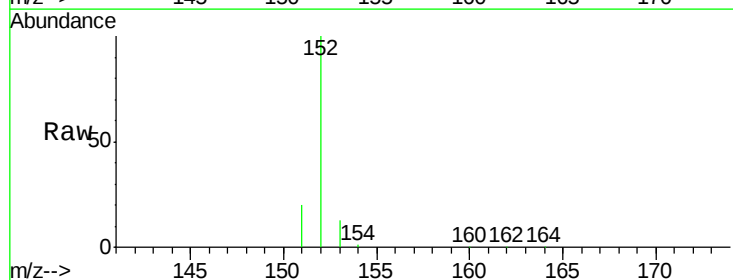
Instrument :
BNA_E
ClientSampleId :
PB90589BS

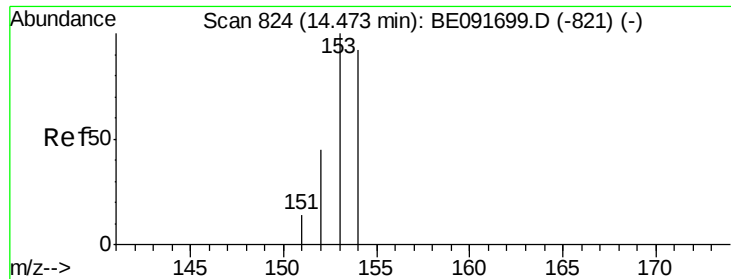
Tgt Ion:172 Resp: 131845
Ion Ratio Lower Upper
172 100
171 31.5 28.8 43.2
170 19.3 19.3 28.9



#16
Acenaphthylene
Concen: 3.59 ng
RT: 14.12 min Scan# 798
Delta R.T. -0.00 min
Lab File: BE091778.D
Acq: 16 May 2016 17:52

Tgt Ion:152 Resp: 194421
Ion Ratio Lower Upper
152 100
151 20.1 3.9 5.9#
153 13.5 10.3 15.5

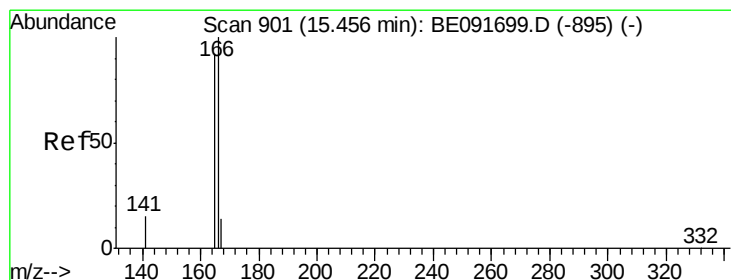
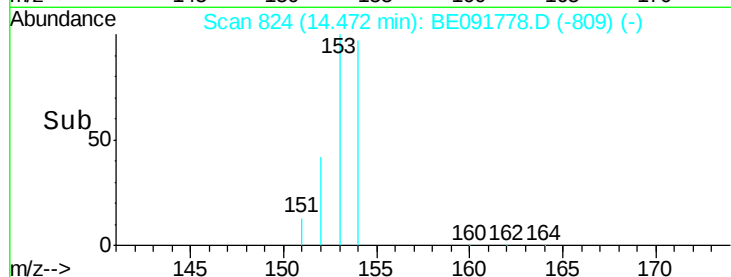
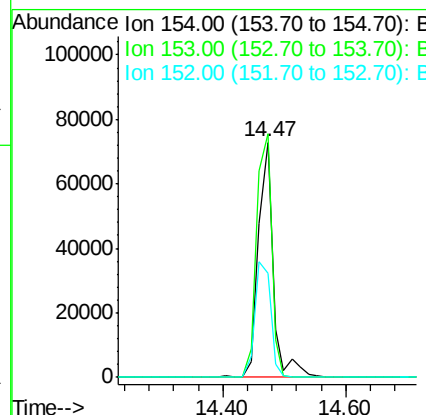
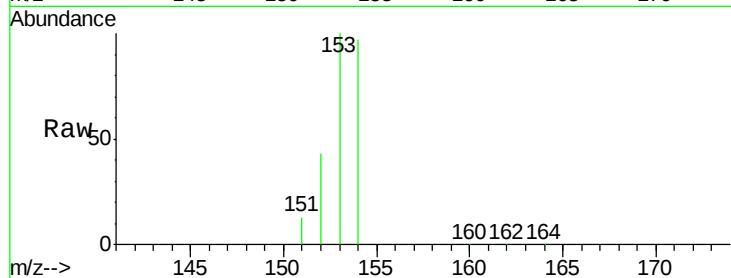




#17
Acenaphthene
Concen: 3.54 ng
RT: 14.47 min Scan# 824
Delta R.T. -0.00 min
Lab File: BE091778.D
Acq: 16 May 2016 17:52

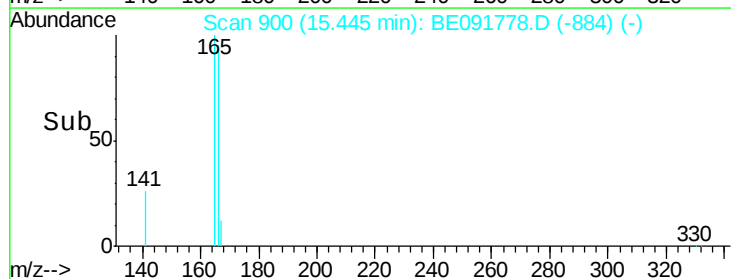
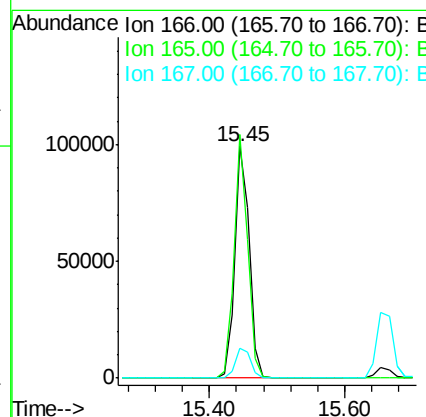
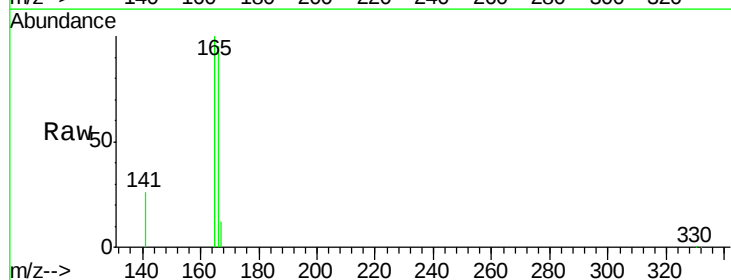
Instrument :
BNA_E
ClientSampleId :
PB90589BS

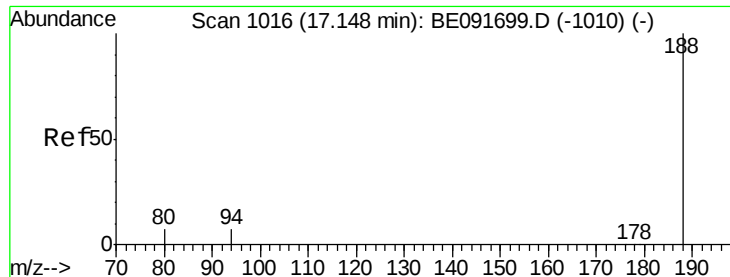
Tgt Ion:154 Resp: 124177
Ion Ratio Lower Upper
154 100
153 104.7 80.0 120.0
152 51.4 40.0 60.0



#18
Fluorene
Concen: 3.44 ng
RT: 15.45 min Scan# 900
Delta R.T. -0.01 min
Lab File: BE091778.D
Acq: 16 May 2016 17:52

Tgt Ion:166 Resp: 149896
Ion Ratio Lower Upper
166 100
165 98.6 80.8 121.2
167 13.6 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: BE091778.D

Acq: 16 May 2016 17:52

Instrument :

BNA_E

ClientSampleId :

PB90589BS

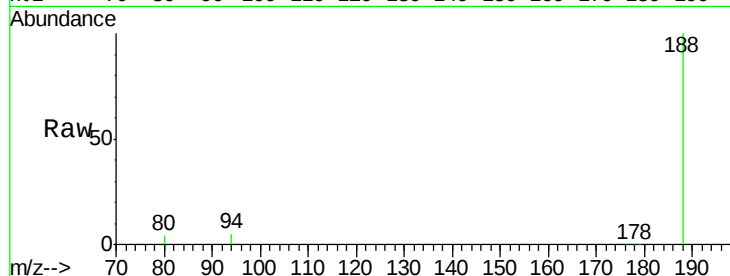
Tgt Ion:188 Resp: 361181

Ion Ratio Lower Upper

188 100

94 4.8 8.7 13.1#

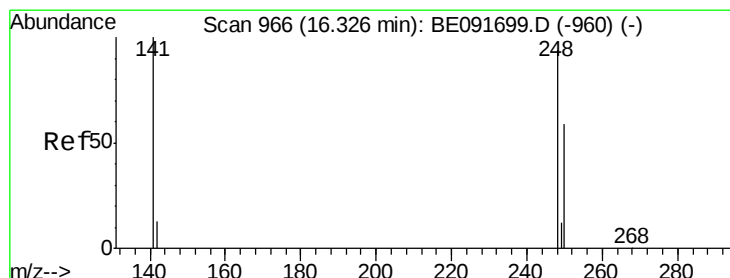
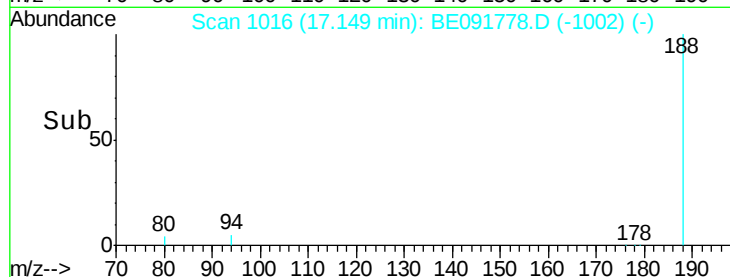
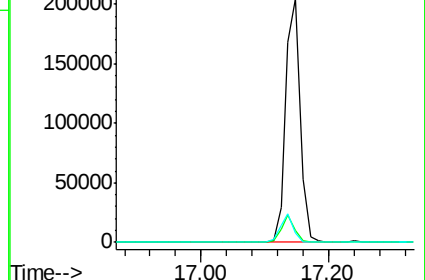
80 4.0 9.4 14.0#



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: 3.27 ng

RT: 16.33 min Scan# 966

Delta R.T. 0.00 min

Lab File: BE091778.D

Acq: 16 May 2016 17:52

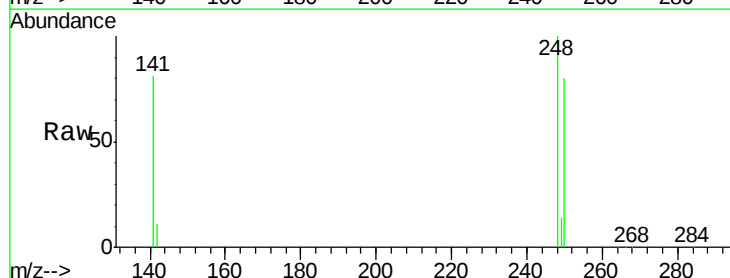
Tgt Ion:248 Resp: 42509

Ion Ratio Lower Upper

248 100

250 95.1 80.5 120.7

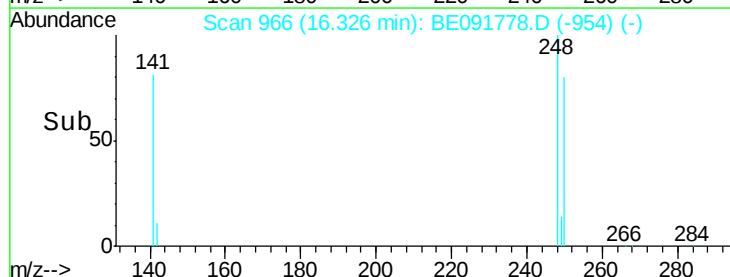
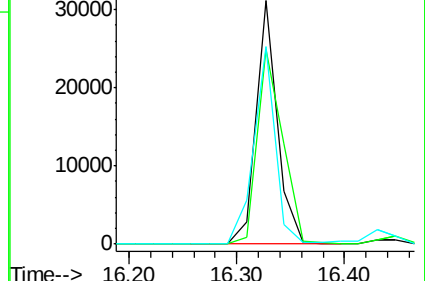
141 81.2 72.0 108.0

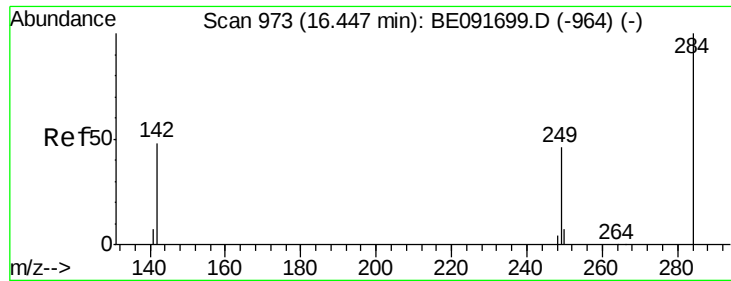


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

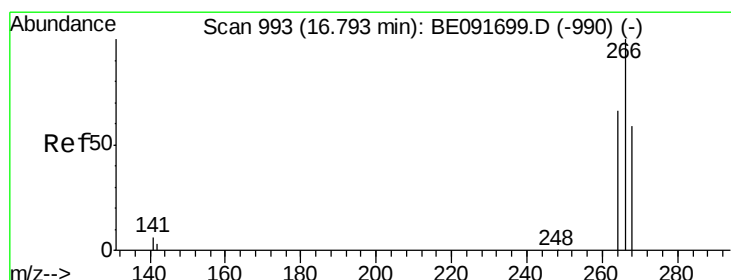
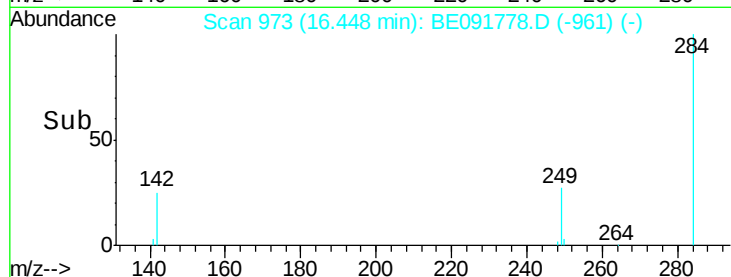
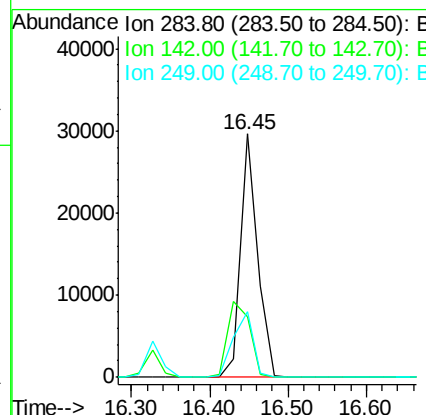
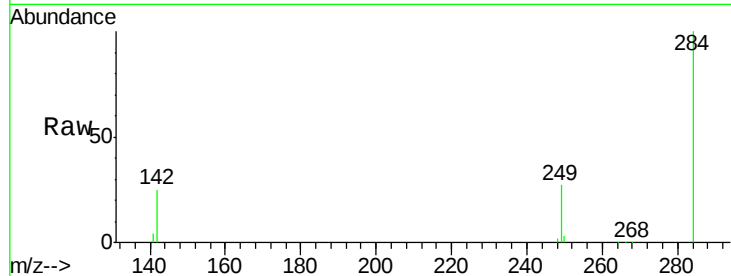




#21
Hexachlorobenzene
Concen: 3.44 ng
RT: 16.45 min Scan# 973
Delta R.T. 0.00 min
Lab File: BE091778.D
Acq: 16 May 2016 17:52

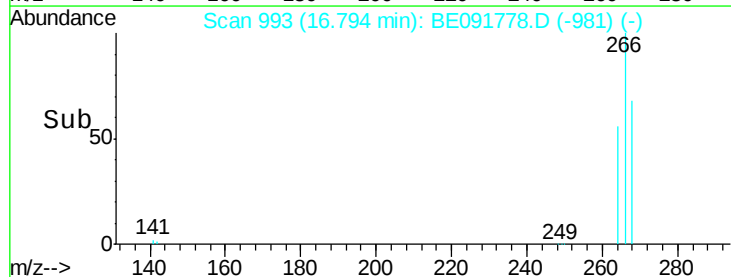
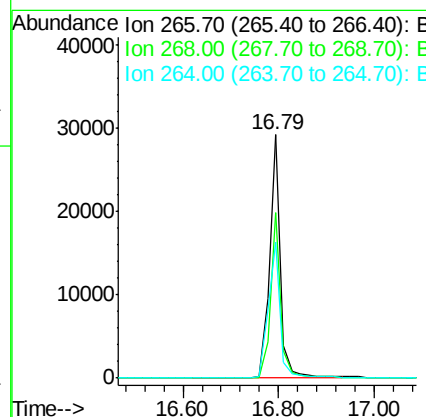
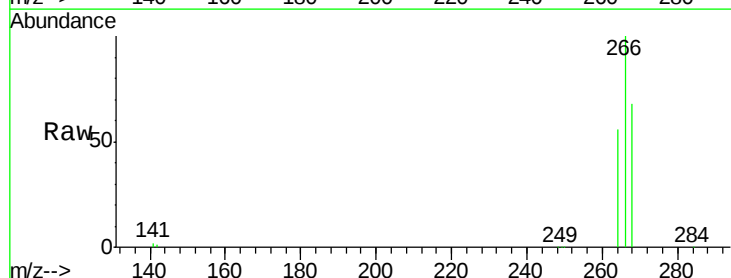
Instrument :
BNA_E
ClientSampleId :
PB90589BS

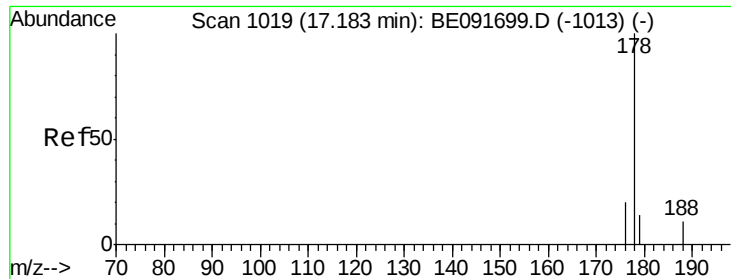
Tgt Ion: 284 Resp: 44708
Ion Ratio Lower Upper
284 100
142 39.6 32.2 48.2
249 30.9 25.4 38.2



#22
Pentachlorophenol
Concen: 6.65 ng
RT: 16.79 min Scan# 993
Delta R.T. 0.00 min
Lab File: BE091778.D
Acq: 16 May 2016 17:52

Tgt Ion: 266 Resp: 46572
Ion Ratio Lower Upper
266 100
268 67.7 58.2 87.2
264 55.9 56.2 84.4#

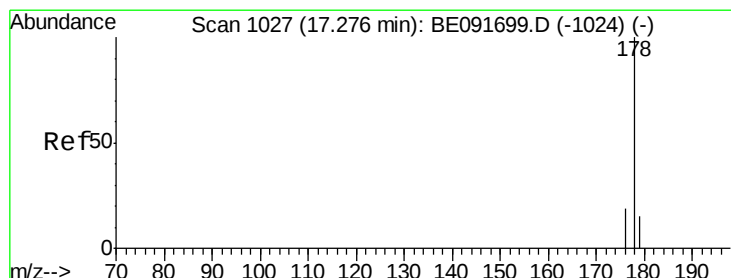
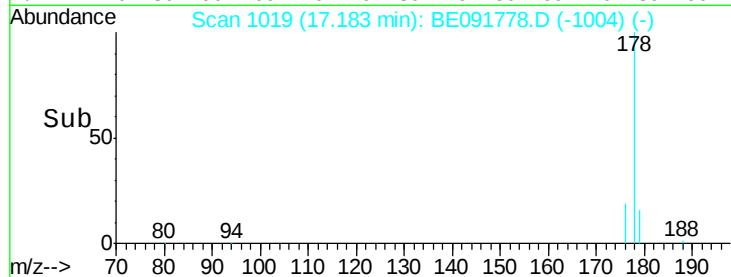
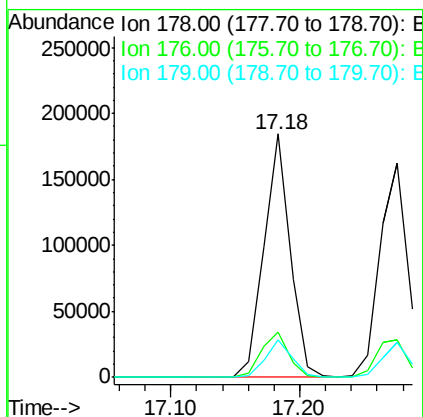
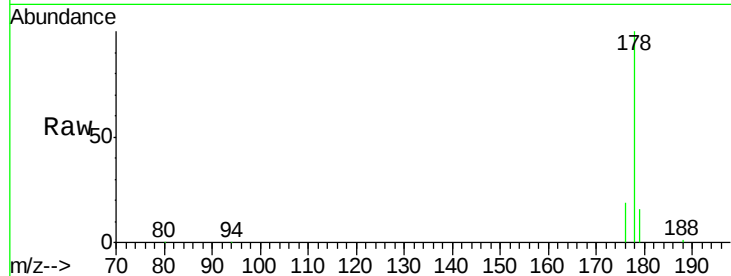




#23
Phenanthrene
Concen: 3.21 ng
RT: 17.18 min Scan# 1019
Delta R.T. 0.00 min
Lab File: BE091778.D
Acq: 16 May 2016 17:52

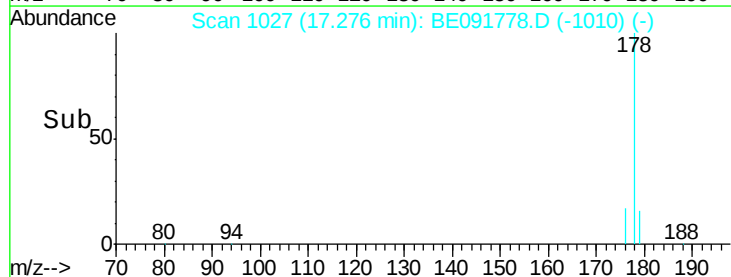
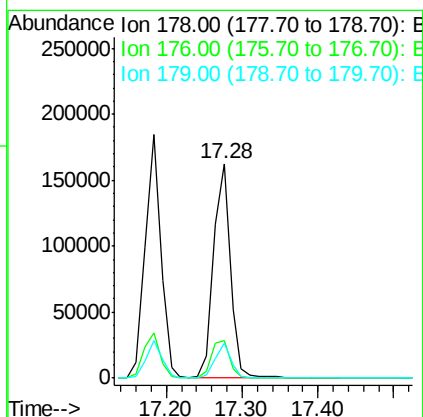
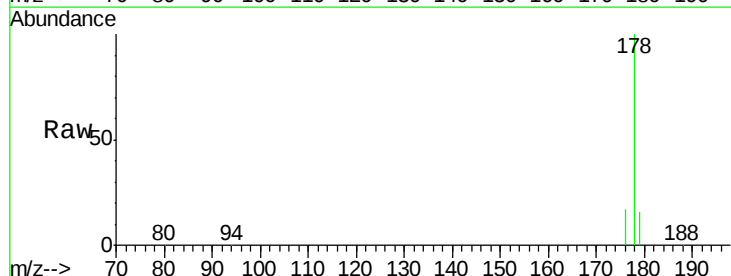
Instrument :
BNA_E
ClientSampleId :
PB90589BS

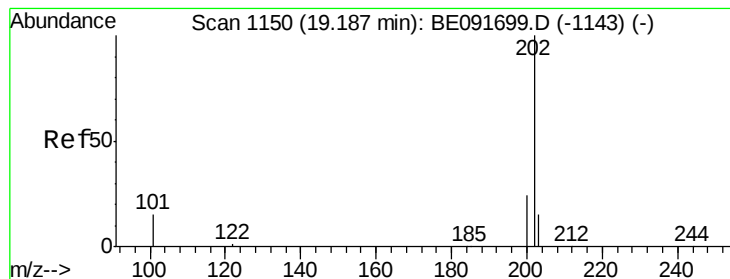
Tgt Ion:178 Resp: 263305
Ion Ratio Lower Upper
178 100
176 19.5 15.3 22.9
179 15.5 12.6 18.8



#24
Anthracene
Concen: 3.39 ng
RT: 17.28 min Scan# 1027
Delta R.T. 0.00 min
Lab File: BE091778.D
Acq: 16 May 2016 17:52

Tgt Ion:178 Resp: 250617
Ion Ratio Lower Upper
178 100
176 19.1 14.6 21.8
179 15.1 11.8 17.6





#25

Fluoranthene

Concen: 3.54 ng

RT: 19.19 min Scan# 1150

Delta R.T. -0.00 min

Lab File: BE091778.D

Acq: 16 May 2016 17:52

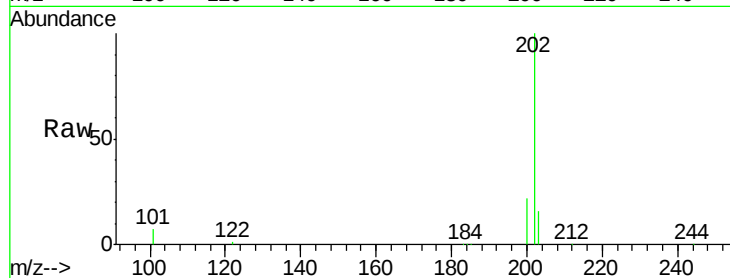
Instrument :

BNA_E

ClientSampleId :

PB90589BS

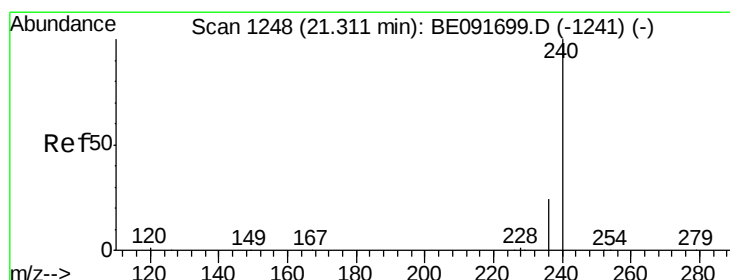
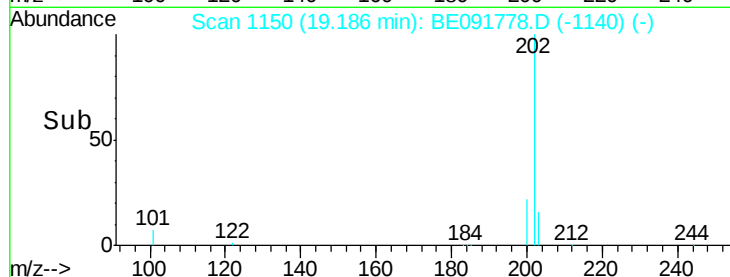
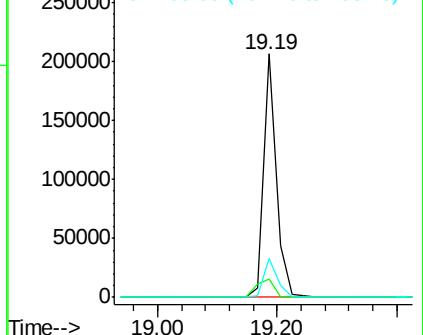
Tgt Ion:	202	Resp:	303754
Ion Ratio	Lower	Upper	
202	100		
101	10.3	11.0	16.6#
203	17.2	13.9	20.9



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#26

Chrysene-d12

Concen: 5.00 ng

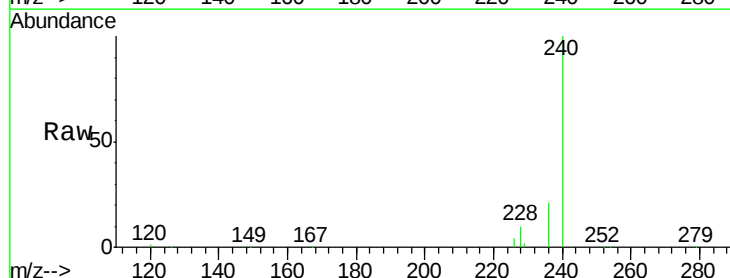
RT: 21.31 min Scan# 1248

Delta R.T. 0.00 min

Lab File: BE091778.D

Acq: 16 May 2016 17:52

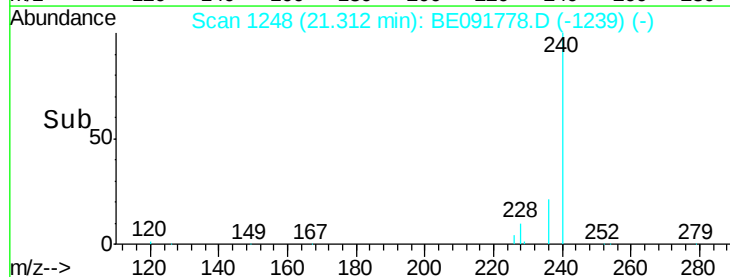
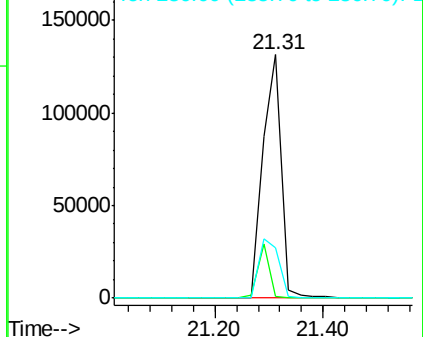
Tgt Ion:	240	Resp:	313486
Ion Ratio	Lower	Upper	
240	100		
120	0.8	11.0	16.4#
236	20.6	21.7	32.5#

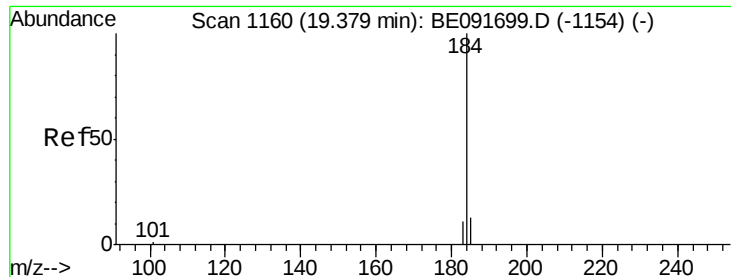


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#27

Benzidine

Concen: 0.92 ng

RT: 19.38 min Scan# 1160

Delta R.T. 0.00 min

Lab File: BE091778.D

Acq: 16 May 2016 17:52

Instrument :

BNA_E

ClientSampleId :

PB90589BS

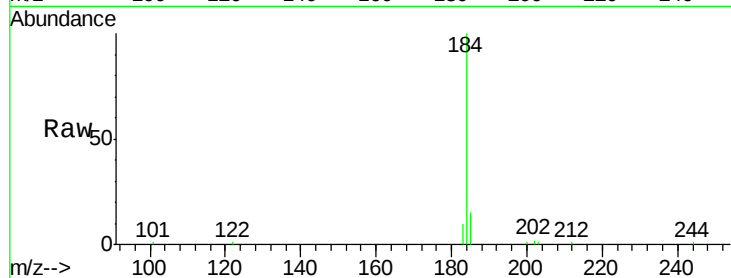
Tgt Ion:184 Resp: 19399

Ion Ratio Lower Upper

184 100

185 14.5 22.3 33.5#

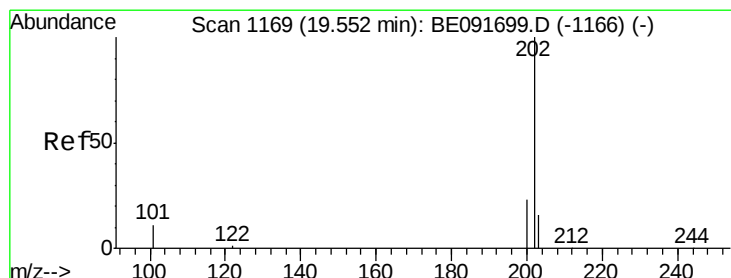
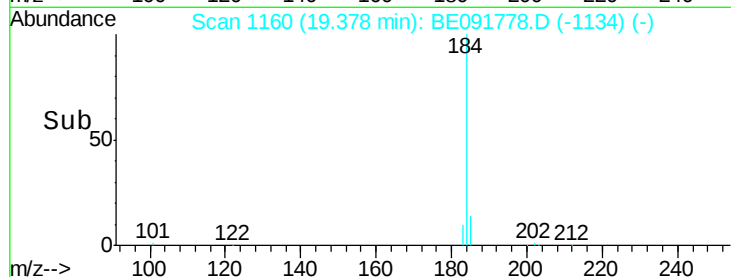
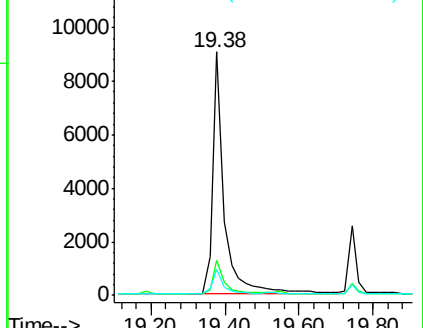
183 10.5 16.4 24.6#



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: 4.67 ng

RT: 19.55 min Scan# 1169

Delta R.T. -0.00 min

Lab File: BE091778.D

Acq: 16 May 2016 17:52

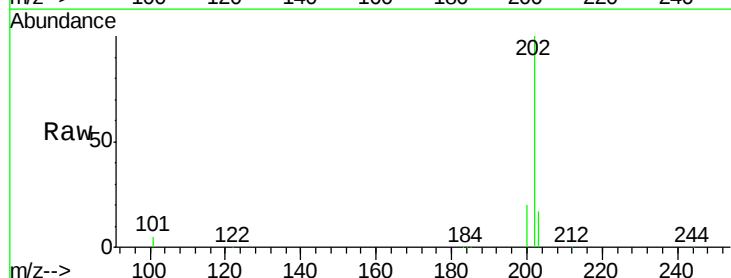
Tgt Ion:202 Resp: 330561

Ion Ratio Lower Upper

202 100

200 20.8 16.8 25.2

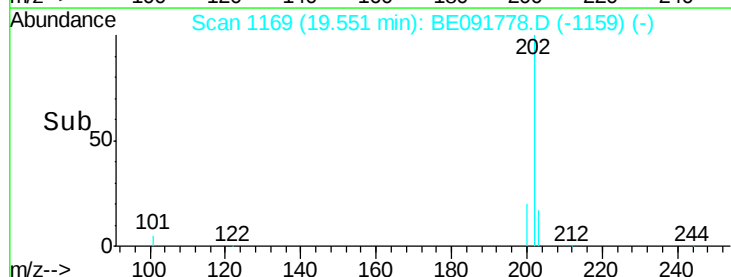
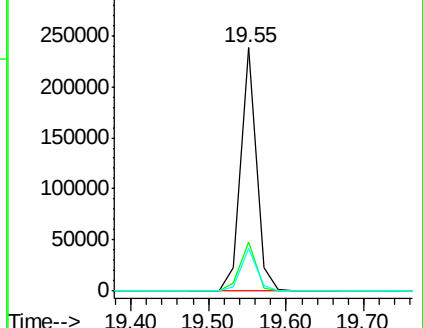
203 18.0 14.0 21.0

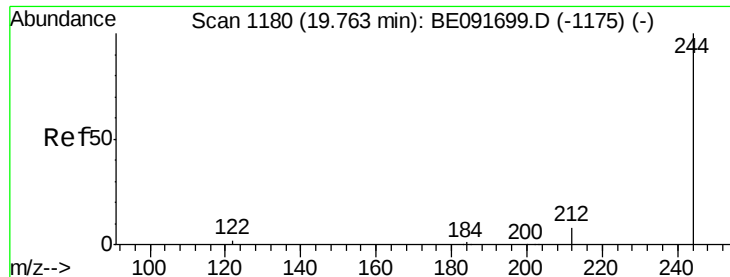


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 3.91 ng

RT: 19.76 min Scan# 1180

Delta R.T. -0.00 min

Lab File: BE091778.D

Acq: 16 May 2016 17:52

Instrument :

BNA_E

ClientSampleId :

PB90589BS

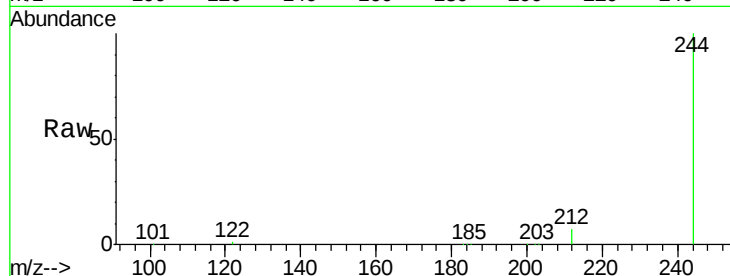
Tgt Ion:244 Resp: 190980

Ion Ratio Lower Upper

244 100

212 7.0 6.9 10.3

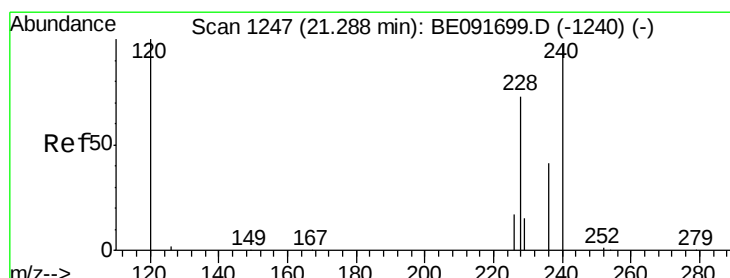
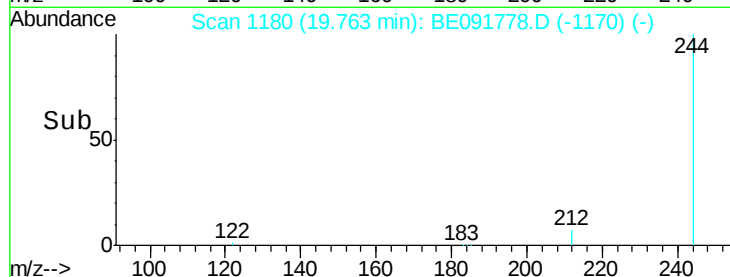
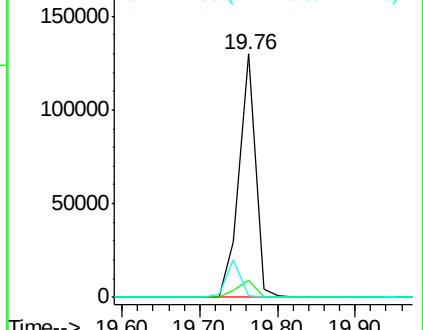
122 0.9 11.0 16.4#



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: 3.70 ng

RT: 21.29 min Scan# 1247

Delta R.T. 0.00 min

Lab File: BE091778.D

Acq: 16 May 2016 17:52

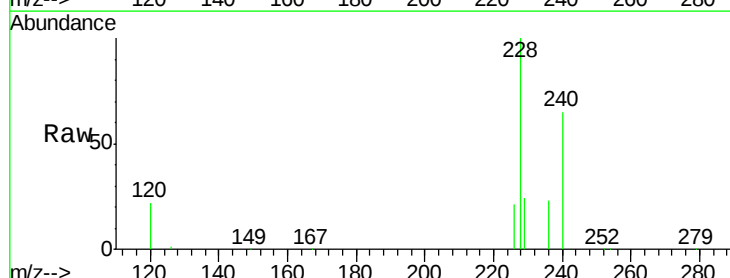
Tgt Ion:228 Resp: 283475

Ion Ratio Lower Upper

228 100

226 21.1 21.0 31.4

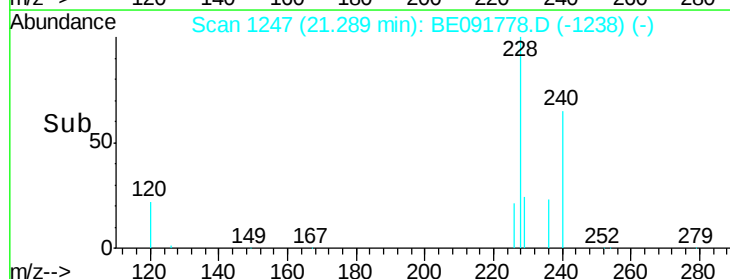
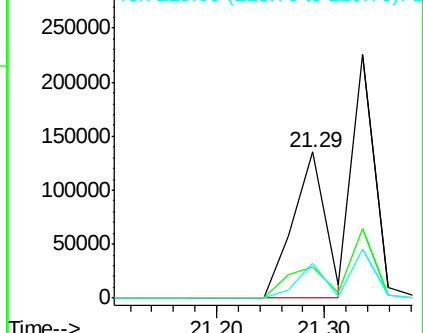
229 24.2 15.7 23.5#

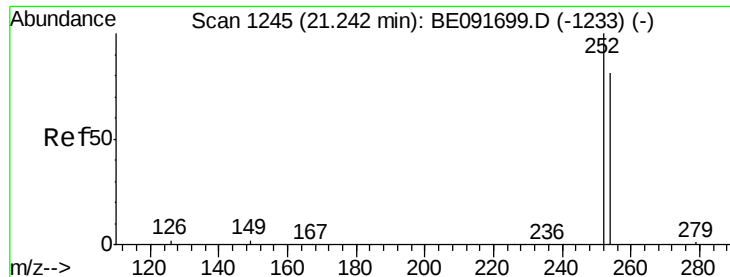


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

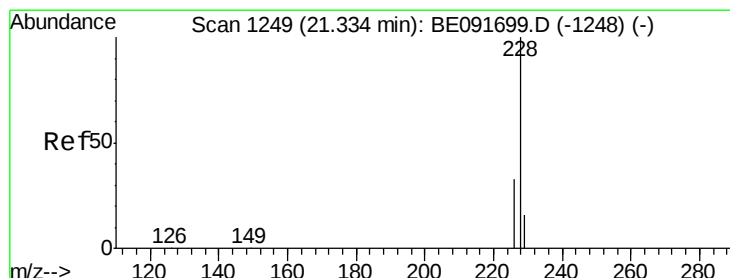
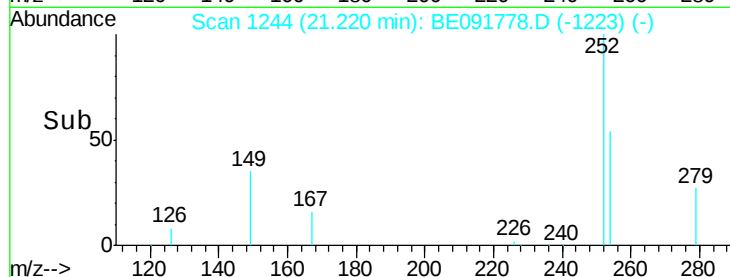
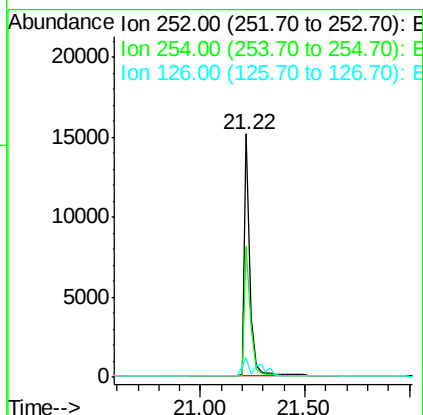
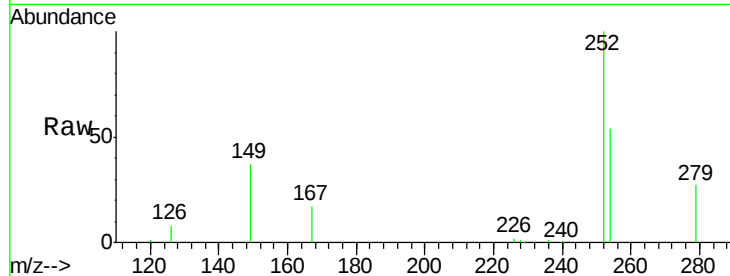




#31
 3,3'-Dichlorobenzidine
 Concen: 0.75 ng
 RT: 21.22 min Scan# 1244
 Delta R.T. -0.02 min
 Lab File: BE091778.D
 Acq: 16 May 2016 17:52

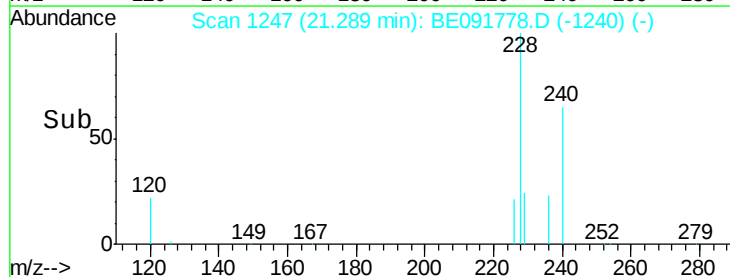
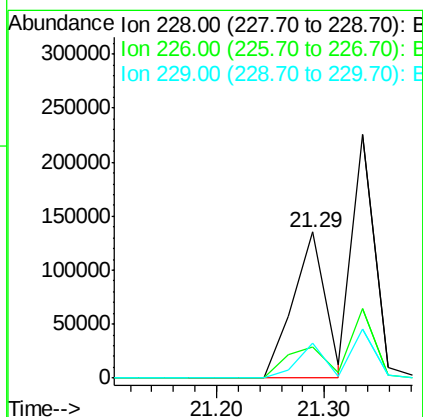
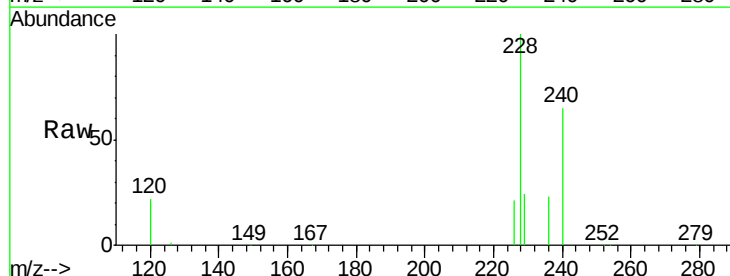
Instrument :
 BNA_E
 ClientSampleId :
 PB90589BS

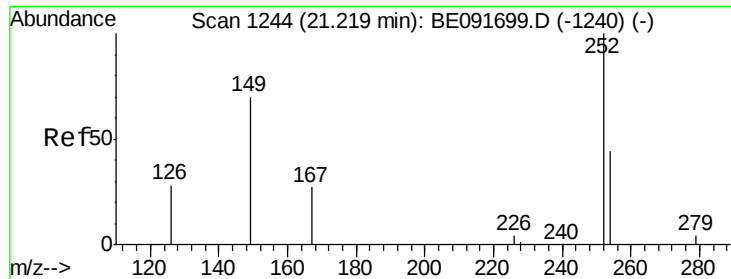
Tgt Ion: 252 Resp: 29145
 Ion Ratio Lower Upper
 252 100
 254 53.8 51.1 76.7
 126 8.1 12.6 18.8#



#32
 Chrysene
 Concen: 3.56 ng
 RT: 21.29 min Scan# 1247
 Delta R.T. -0.04 min
 Lab File: BE091778.D
 Acq: 16 May 2016 17:52

Tgt Ion: 228 Resp: 283475
 Ion Ratio Lower Upper
 228 100
 226 21.1 24.0 36.0#
 229 24.2 15.9 23.9#

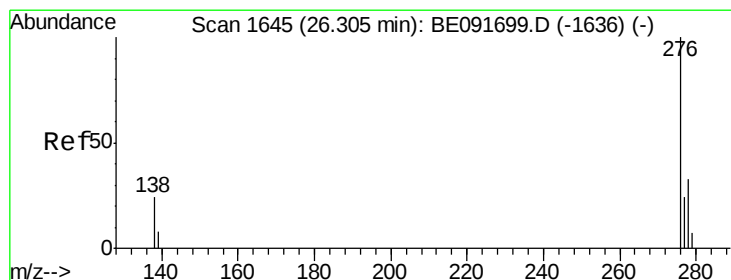
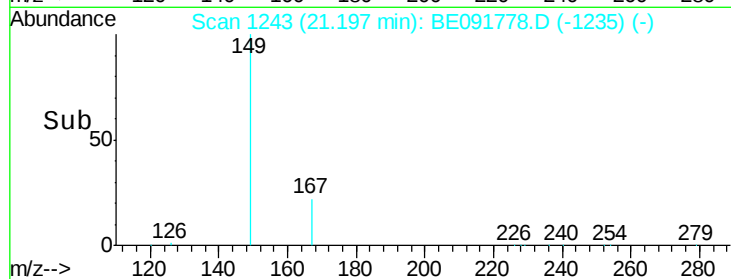
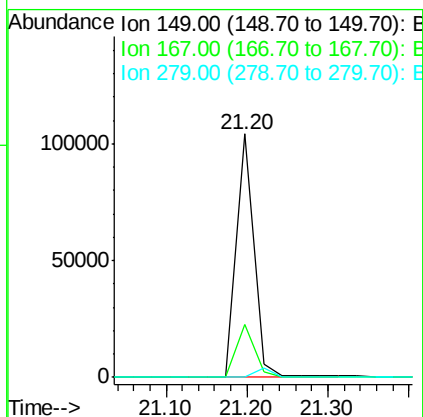
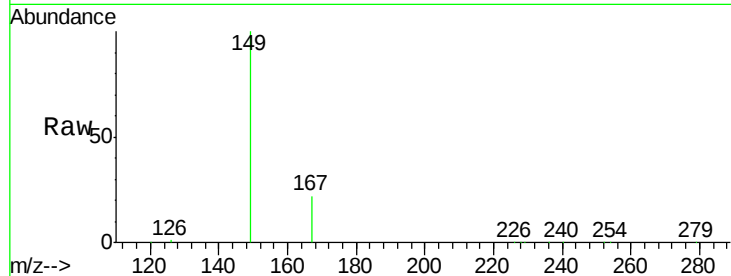




#33
 Bis(2-ethylhexyl)phthalate
 Concen: 6.61 ng
 RT: 21.20 min Scan# 1243
 Delta R.T. -0.02 min
 Lab File: BE091778.D
 Acq: 16 May 2016 17:52

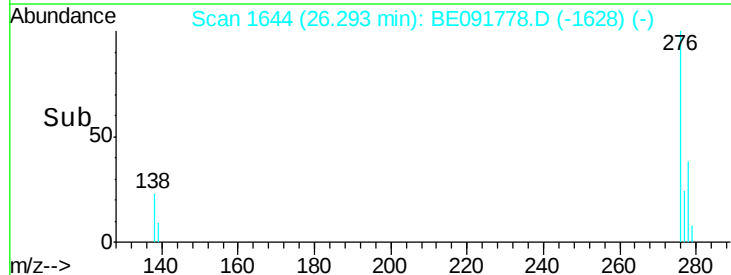
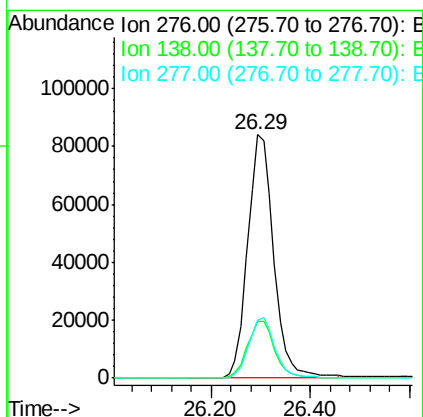
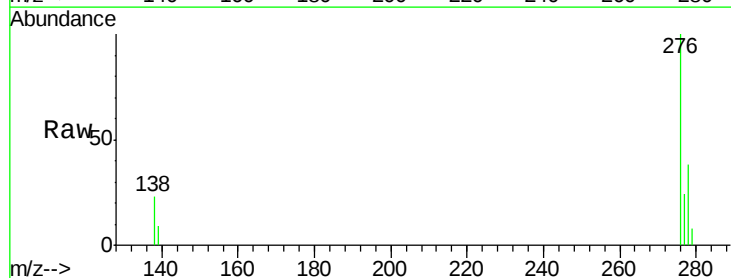
Instrument :
 BNA_E
 ClientSampleId :
 PB90589BS

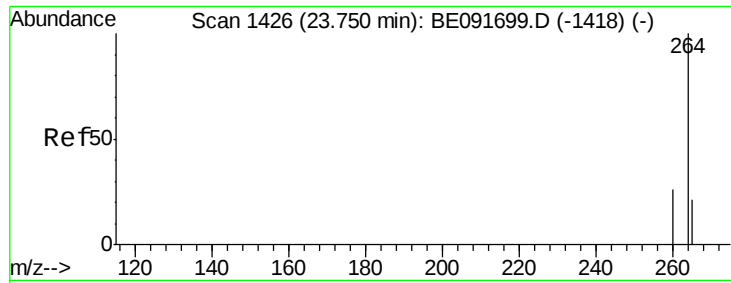
Tgt Ion:149 Resp: 153430
 Ion Ratio Lower Upper
 149 100
 167 22.9 19.5 29.3
 279 0.0 10.0 15.0#



#34
 Indeno(1,2,3-cd)pyrene
 Concen: 4.37 ng
 RT: 26.29 min Scan# 1644
 Delta R.T. -0.01 min
 Lab File: BE091778.D
 Acq: 16 May 2016 17:52

Tgt Ion:276 Resp: 309718
 Ion Ratio Lower Upper
 276 100
 138 24.5 23.4 35.2
 277 24.9 19.8 29.8

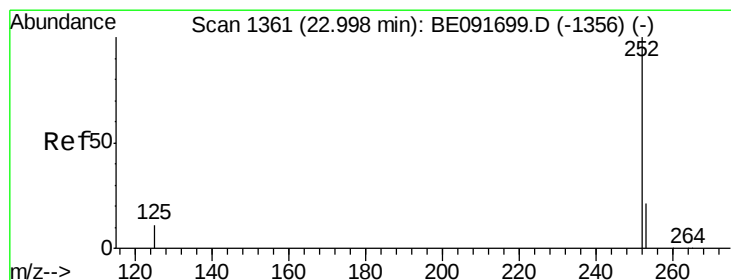
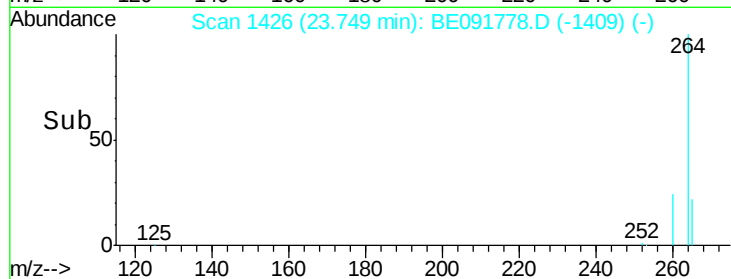
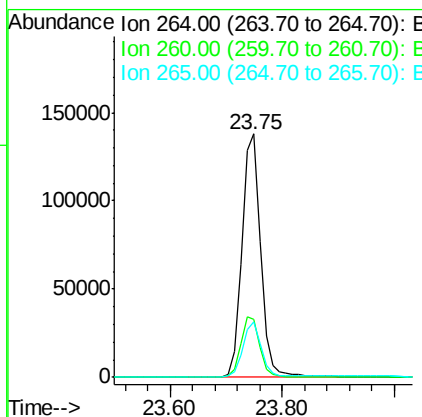
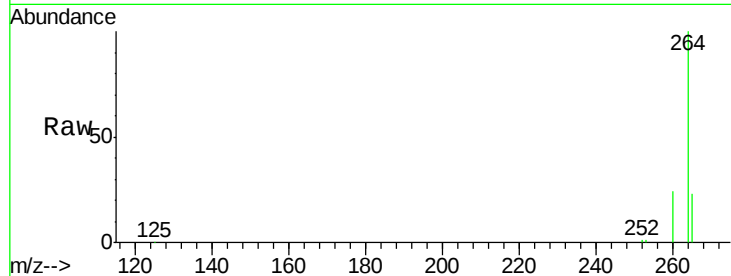




#35
Perylene-d12
Concen: 5.00 ng
RT: 23.75 min Scan# 1426
Delta R.T. -0.00 min
Lab File: BE091778.D
Acq: 16 May 2016 17:52

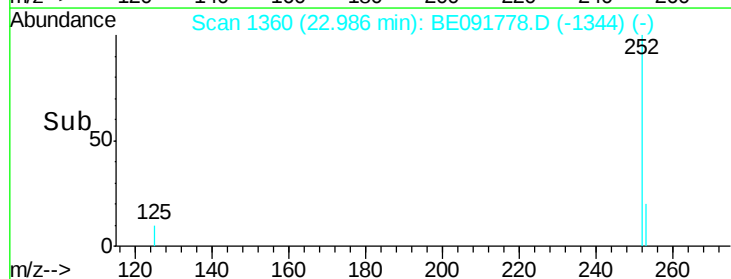
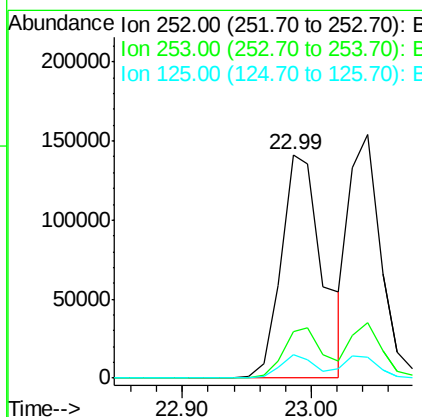
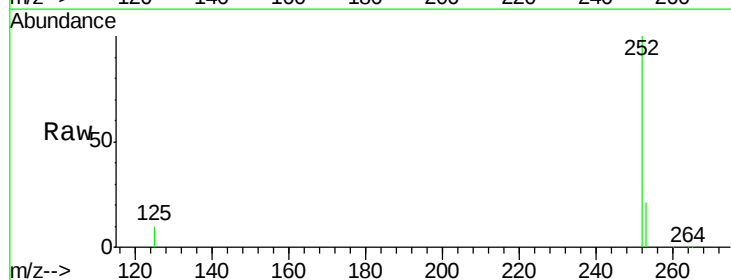
Instrument :
BNA_E
ClientSampleId :
PB90589BS

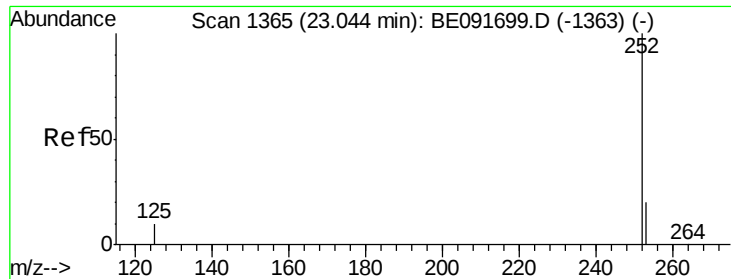
Tgt Ion: 264 Resp: 323974
Ion Ratio Lower Upper
264 100
260 23.6 20.0 30.0
265 22.6 17.5 26.3



#36
Benzo(b)fluoranthene
Concen: 4.17 ng
RT: 22.99 min Scan# 1360
Delta R.T. -0.01 min
Lab File: BE091778.D
Acq: 16 May 2016 17:52

Tgt Ion: 252 Resp: 316865
Ion Ratio Lower Upper
252 100
253 20.6 17.4 26.0
125 10.3 10.2 15.2

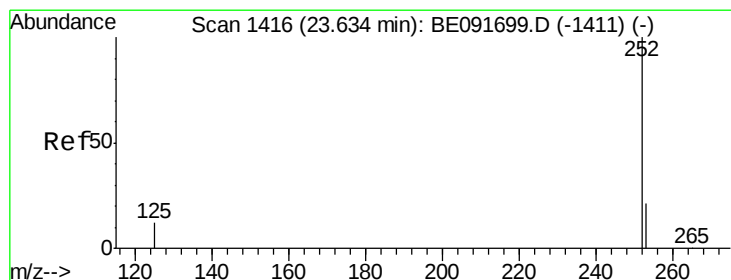
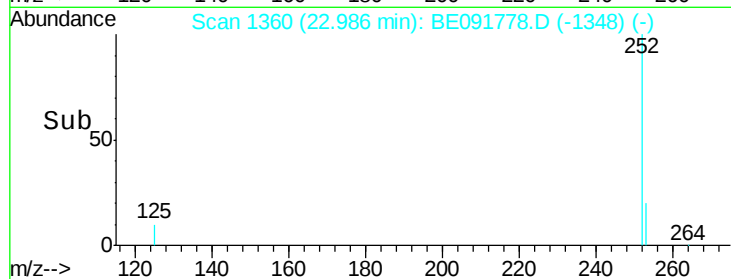
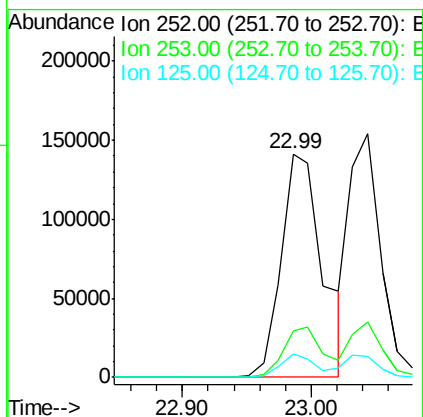
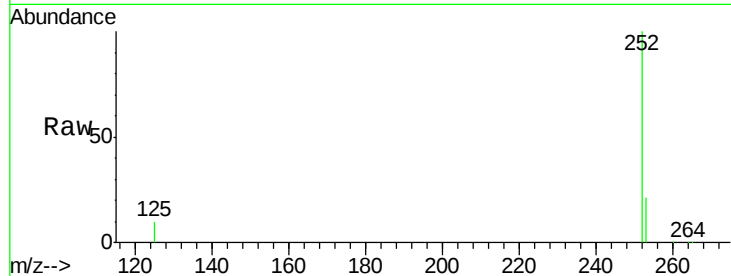




#37
Benzo(k)fluoranthene
Concen: 4.11 ng
RT: 22.99 min Scan# 1360
Delta R.T. -0.06 min
Lab File: BE091778.D
Acq: 16 May 2016 17:52

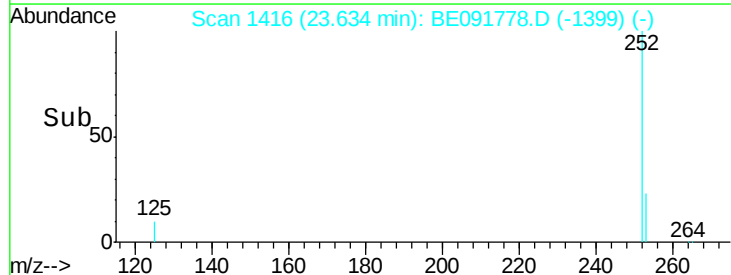
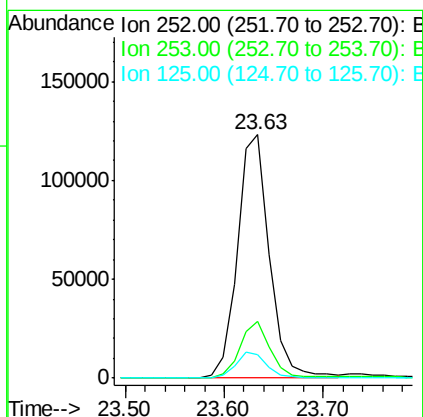
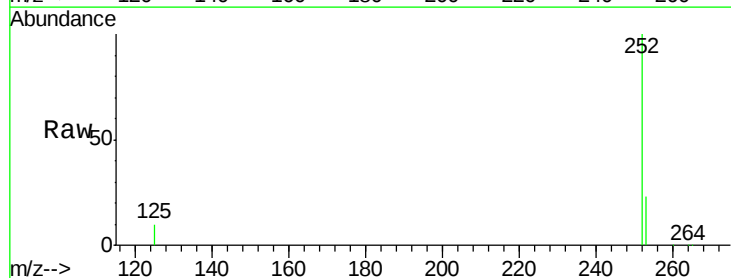
Instrument :
BNA_E
ClientSampleId :
PB90589BS

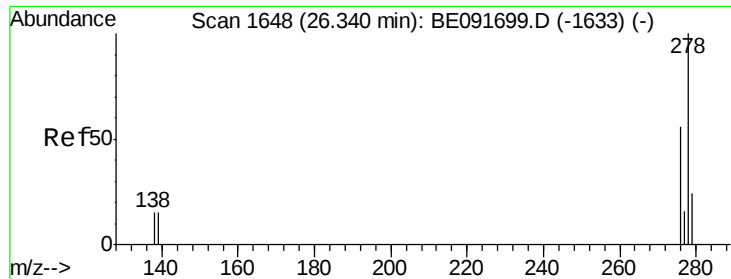
Tgt Ion: 252 Resp: 316865
Ion Ratio Lower Upper
252 100
253 20.6 17.6 26.4
125 10.3 9.9 14.9



#38
Benzo(a)pyrene
Concen: 3.81 ng
RT: 23.63 min Scan# 1416
Delta R.T. -0.00 min
Lab File: BE091778.D
Acq: 16 May 2016 17:52

Tgt Ion: 252 Resp: 272181
Ion Ratio Lower Upper
252 100
253 23.2 18.1 27.1
125 9.8 11.0 16.4#





#39

Dibenzo(a,h)anthracene

Concen: 3.83 ng

RT: 26.32 min Scan# 1646

Delta R.T. -0.02 min

Lab File: BE091778.D

Acq: 16 May 2016 17:52

Instrument :

BNA_E

ClientSampleId :

PB90589BS

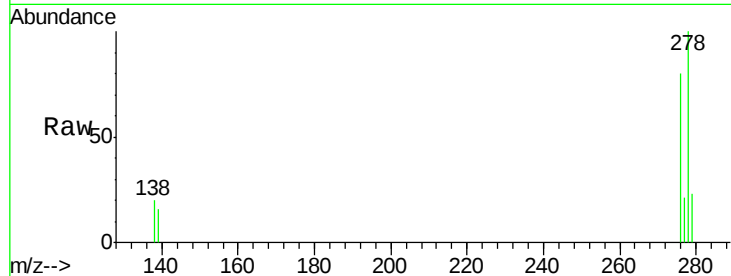
Tgt Ion: 278 Resp: 259614

Ion Ratio Lower Upper

278 100

139 16.3 16.0 24.0

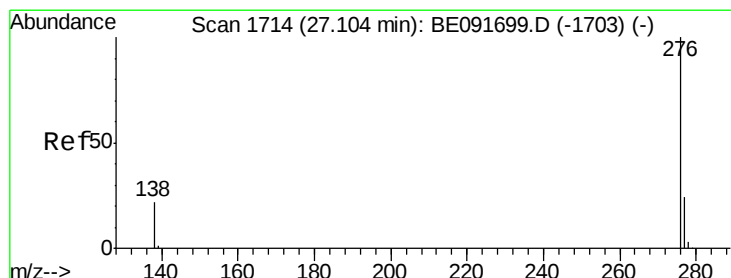
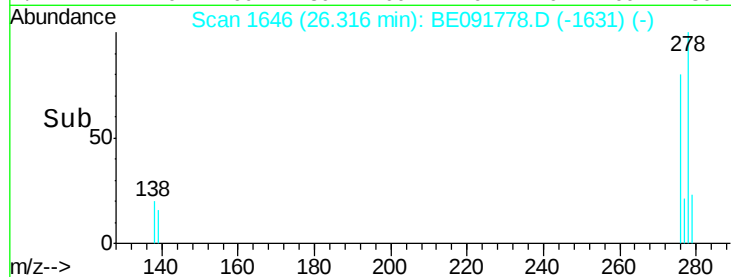
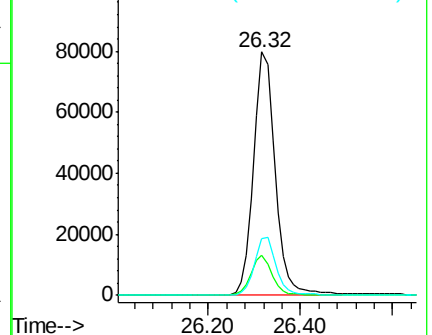
279 23.3 19.4 29.2



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: 3.84 ng

RT: 27.09 min Scan# 1713

Delta R.T. -0.01 min

Lab File: BE091778.D

Acq: 16 May 2016 17:52

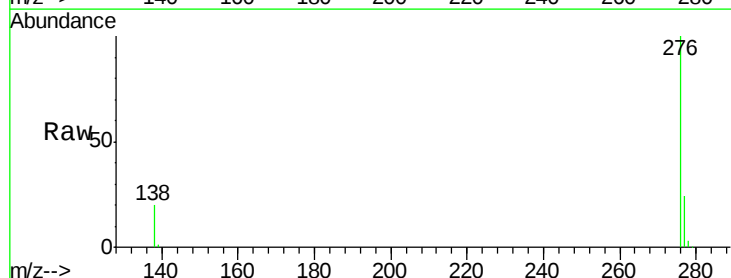
Tgt Ion: 276 Resp: 264491

Ion Ratio Lower Upper

276 100

277 24.3 18.6 28.0

138 20.1 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

