

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE051916\
 Data File : BE091823.D
 Acq On : 19 May 2016 23:14
 Operator : UM/SJ
 Sample : H3084-07MS
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SS043MW011-160512MS

Quant Time: May 20 04:50:57 2016
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE051916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 19 15:36:49 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.78	152	27050	5.00	ng	-0.02
7) Naphthalene-d8	10.55	136	147261	5.00	ng	-0.02
13) Acenaphthene-d10	14.40	164	98282	5.00	ng	-0.01
19) Phenanthrene-d10	17.14	188	228761	5.00	ng	-0.01
26) Chrysene-d12	21.29	240	271567	5.00	ng	-0.02
35) Perylene-d12	23.73	264	239767	5.00	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.39	112	21791	3.08	ng	0.00
5) Phenol-d6	6.95	99	26210	2.63	ng	0.00
8) Nitrobenzene-d5	8.93	82	43405	4.45	ng	-0.01
14) 2,4,6-Tribromophenol	15.90	330	39983	10.48	ng	0.00
15) 2-Fluorobiphenyl	13.02	172	68461	2.46	ng	0.00
29) Terphenyl-d14	19.74	244	196846	5.12	ng	-0.02

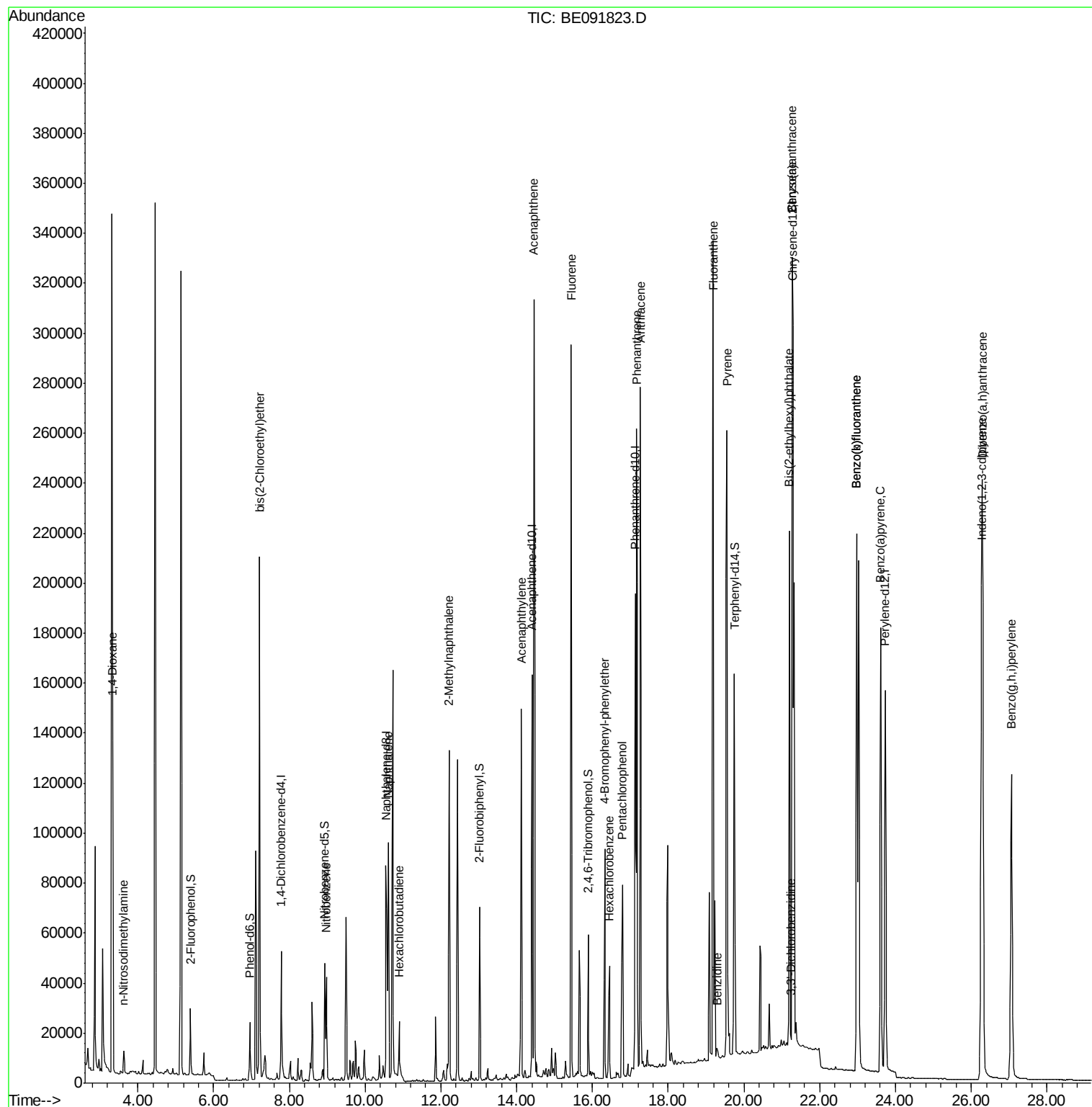
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.33	88	211883	72.23	ng	87
3) n-Nitrosodimethylamine	3.63	42	6228	1.44	ng	# 93
6) bis(2-Chloroethyl)ether	7.21	93	179308	22.44	ng	# 78
9) Nitrobenzene	8.98	77	46068	4.59	ng	# 92
10) Naphthalene	10.61	128	125973	3.87	ng	99
11) Hexachlorobutadiene	10.90	225	18092	3.75	ng	97
12) 2-Methylnaphthalene	12.21	142	103619	4.73	ng	94
16) Acenaphthylene	14.12	152	213234	4.87	ng	# 85
17) Acenaphthene	14.46	154	167699	6.36	ng	92
18) Fluorene	15.44	166	198111	5.80	ng	98
20) 4-Bromophenyl-phenylether	16.33	248	48377	5.66	ng	91
21) Hexachlorobenzene	16.45	284	44631	5.01	ng	96
22) Pentachlorophenol	16.79	266	58683	15.94	ng	# 89
23) Phenanthrene	17.17	178	287907	6.44	ng	98
24) Anthracene	17.26	178	289942	5.83	ng	98
25) Fluoranthene	19.19	202	346532	5.70	ng	# 84
27) Benzidine	19.30	184	935	0.02	ng	# 1
28) Pyrene	19.55	202	333032	5.59	ng	98
30) Benzo(a)anthracene	21.27	228	605467	9.24	ng	92
31) 3,3'-Dichlorobenzidine	21.24	252	3996	0.10	ng	# 14
32) Chrysene	21.27	228	607377	10.76	ng	96
33) Bis(2-ethylhexyl)phthalate	21.20	149	228622	6.07	ng	# 80
34) Indeno(1,2,3-cd)pyrene	26.27	276	351534	5.24	ng	96
36) Benzo(b)fluoranthene	22.97	252	312358	5.21	ng	98
37) Benzo(k)fluoranthene	22.97	252	312358	5.09	ng	98
38) Benzo(a)pyrene	23.61	252	305852	5.34	ng	97
39) Dibenzo(a,h)anthracene	26.29	278	292141	5.23	ng	97
40) Benzo(g,h,i)perylene	27.07	276	295482	5.12	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: 7.78 min Scan# 299

Delta R.T. -0.02 min

Lab File: BE091823.D

Acq: 19 May 2016 23:14

Instrument :

BNA_E

ClientSampleId :

SS043MW011-160512MS

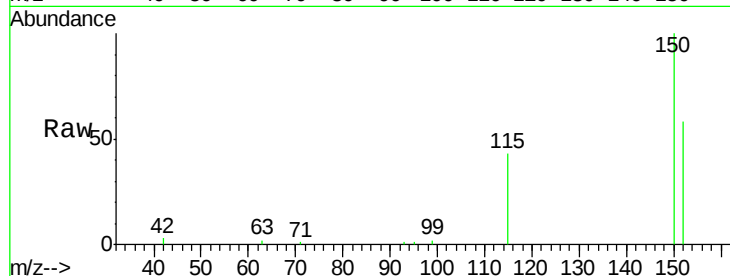
Tgt Ion:152 Resp: 27050

Ion Ratio Lower Upper

152 100

150 171.5 122.6 183.8

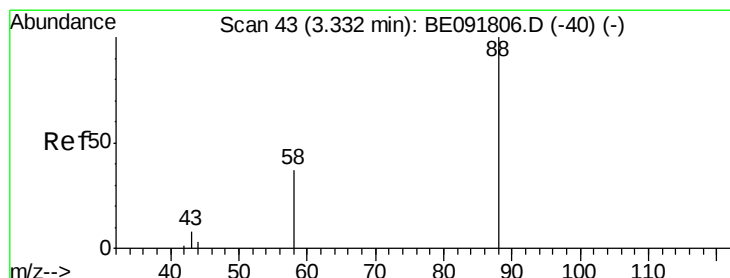
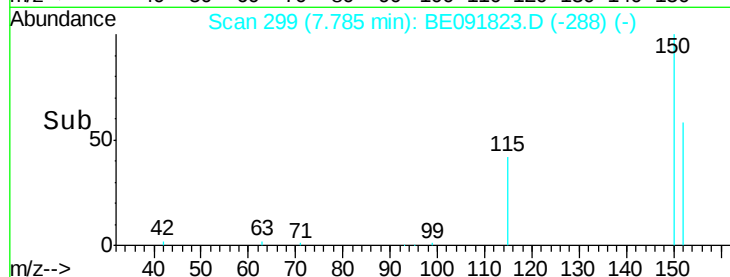
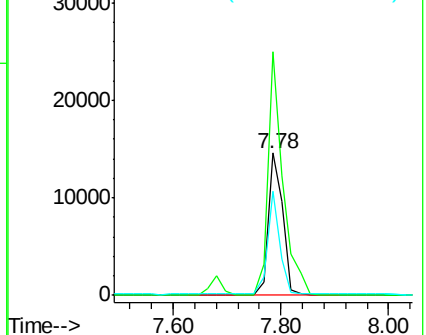
115 73.3 52.8 79.2



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: 72.23 ng

RT: 3.33 min Scan# 43

Delta R.T. 0.00 min

Lab File: BE091823.D

Acq: 19 May 2016 23:14

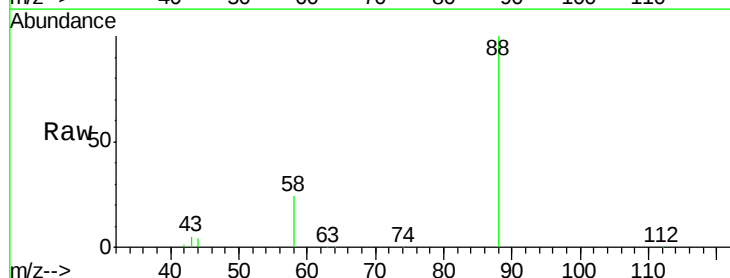
Tgt Ion: 88 Resp: 211883

Ion Ratio Lower Upper

88 100

58 94.1 65.8 98.6

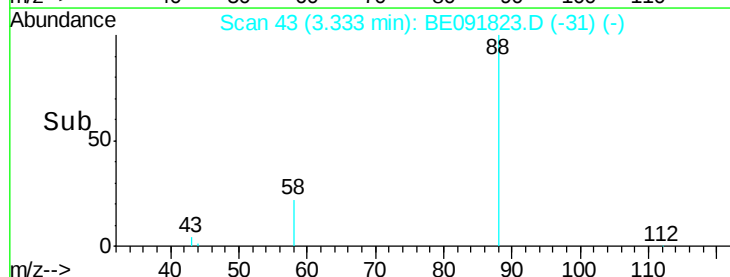
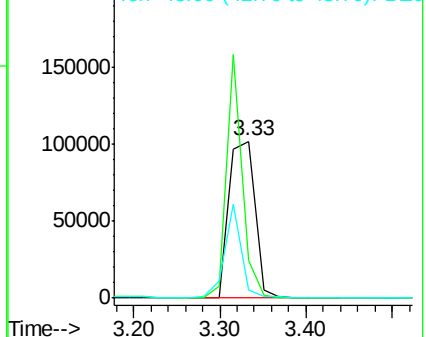
43 37.5 25.3 37.9

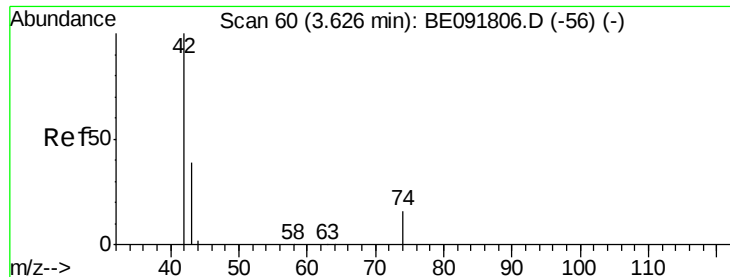


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#3

n-Nitrosodimethylamine

Concen: 1.44 ng

RT: 3.63 min Scan# 60

Delta R.T. 0.00 min

Lab File: BE091823.D

Acq: 19 May 2016 23:14

Instrument :

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SS043MW011-160512MS

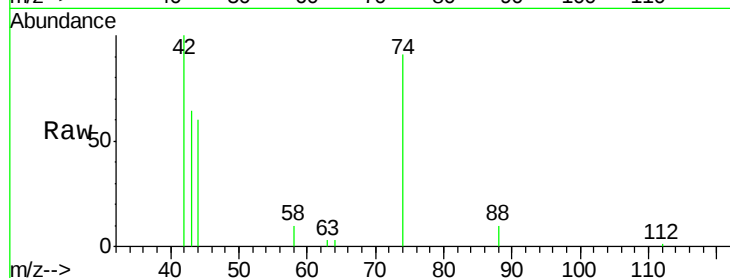
Tgt Ion: 42 Resp: 6228

Ion Ratio Lower Upper

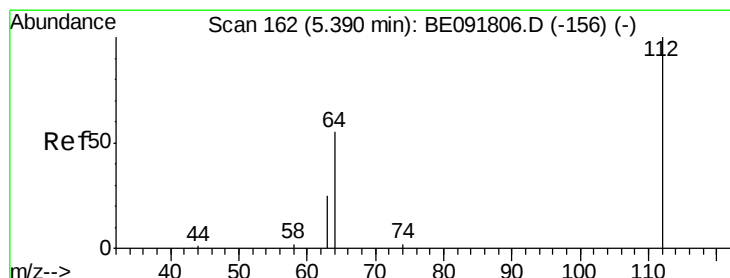
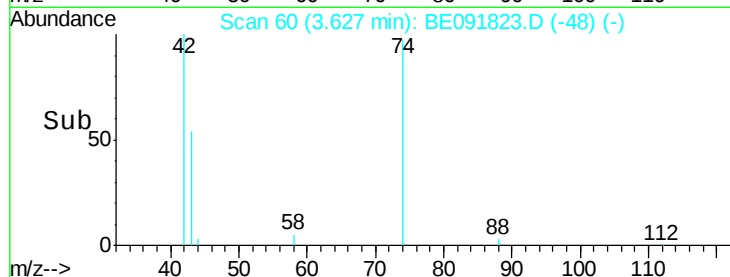
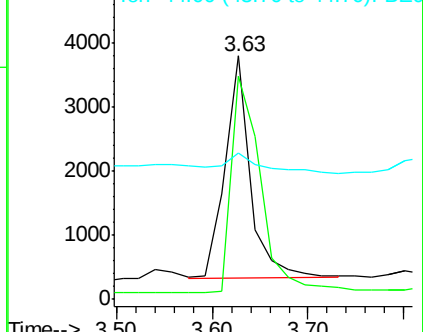
42 100

74 116.7 87.9 131.9

44 13.2 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: 3.08 ng

RT: 5.39 min Scan# 162

Delta R.T. 0.00 min

Lab File: BE091823.D

Acq: 19 May 2016 23:14

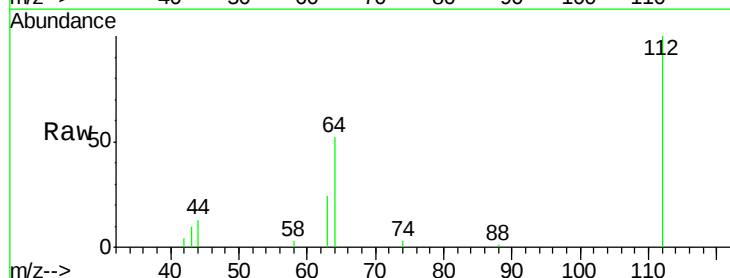
Tgt Ion: 112 Resp: 21791

Ion Ratio Lower Upper

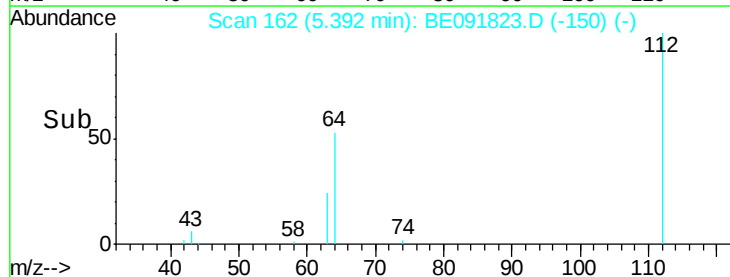
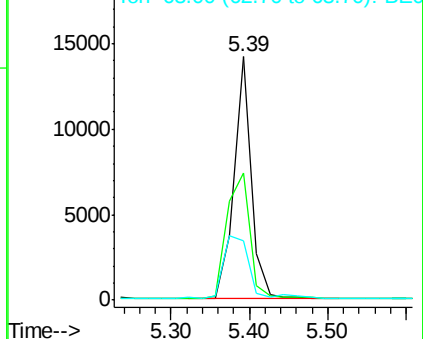
112 100

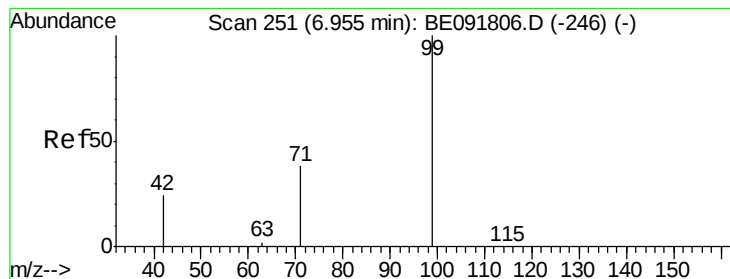
64 69.3 30.9 46.3#

63 38.0 16.7 25.1#



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BE0
Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 2.63 ng

RT: 6.95 min Scan# 251

Delta R.T. -0.00 min

Lab File: BE091823.D

Acq: 19 May 2016 23:14

Instrument :

BNA_E

ClientSampleId :

SS043MW011-160512MS

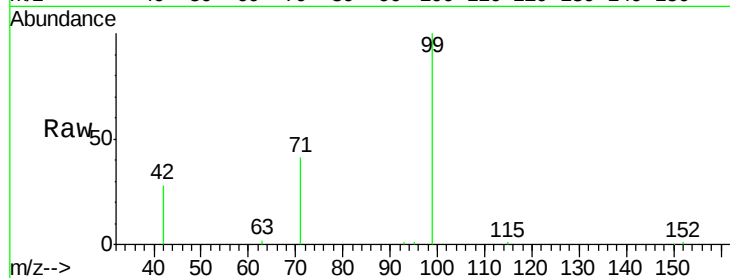
Tgt Ion: 99 Resp: 26210

Ion Ratio Lower Upper

99 100

42 25.7 16.2 24.2#

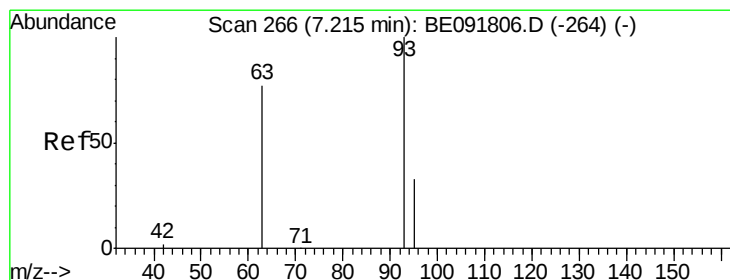
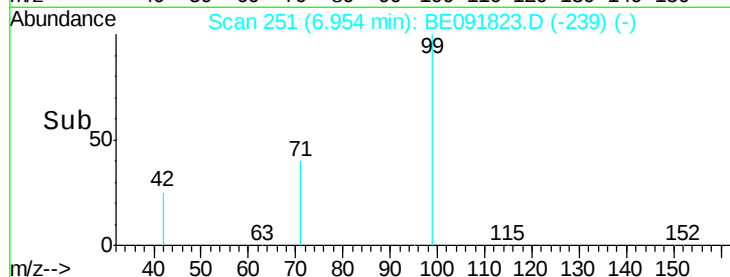
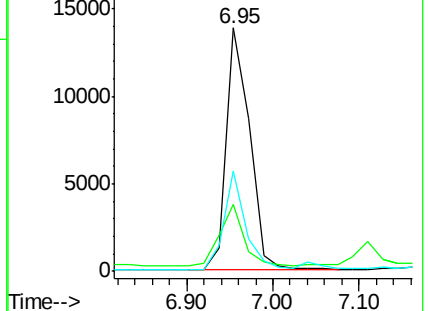
71 37.9 29.0 43.4



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: 22.44 ng

RT: 7.21 min Scan# 266

Delta R.T. -0.00 min

Lab File: BE091823.D

Acq: 19 May 2016 23:14

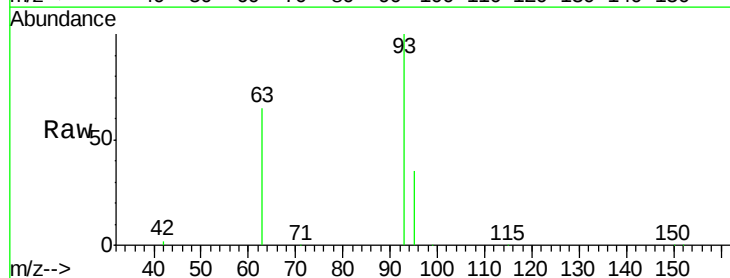
Tgt Ion: 93 Resp: 179308

Ion Ratio Lower Upper

93 100

63 83.8 49.5 74.3#

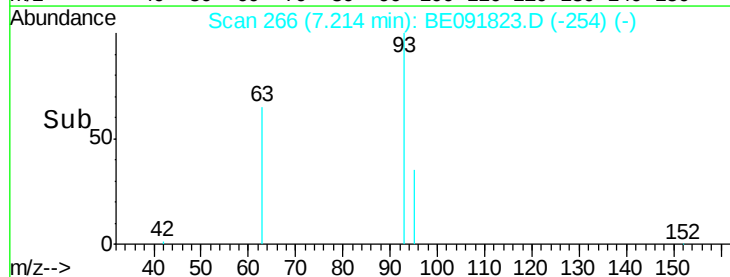
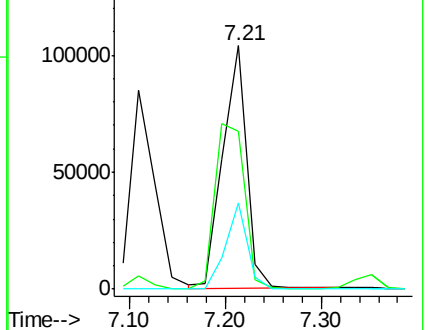
95 32.2 22.2 33.4

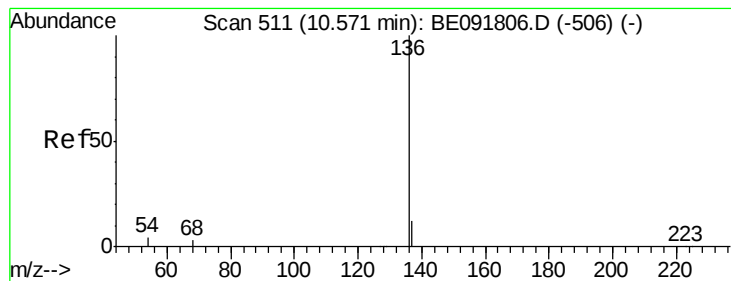


Abundance Ion 93.00 (92.70 to 93.70): BE0

Ion 63.00 (62.70 to 63.70): BE0

Ion 95.00 (94.70 to 95.70): BE0





#7

Naphthalene-d8

Concen: 5.00 ng

RT: 10.55 min Scan# 510

Delta R.T. -0.02 min

Lab File: BE091823.D

Acq: 19 May 2016 23:14

Instrument :

BNA_E

ClientSampleId :

SS043MW011-160512MS

Tgt Ion: 136 Resp: 147261

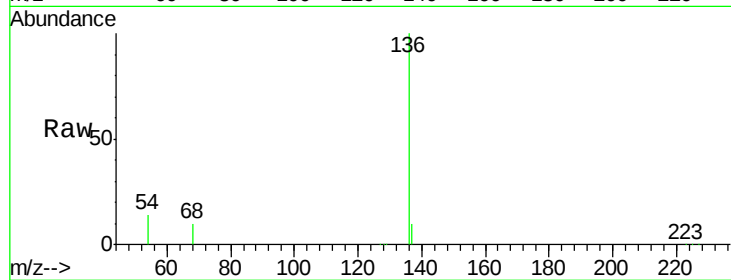
Ion Ratio Lower Upper

136 100

137 9.9 8.9 13.3

54 14.2 8.2 12.4#

68 10.3 6.2 9.4#

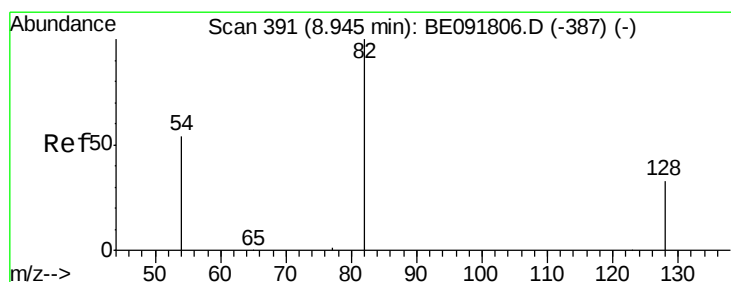
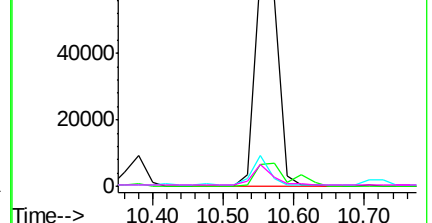
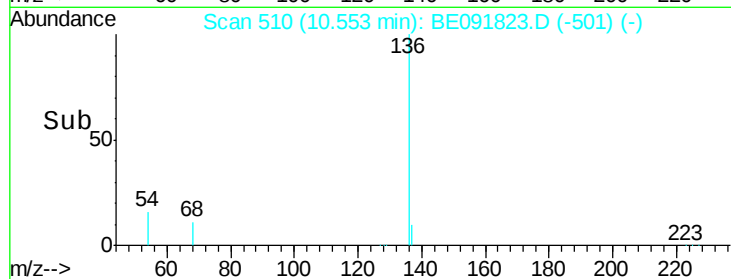


Abundance Ion 136.00 (135.70 to 136.70): E

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: 4.45 ng

RT: 8.93 min Scan# 390

Delta R.T. -0.01 min

Lab File: BE091823.D

Acq: 19 May 2016 23:14

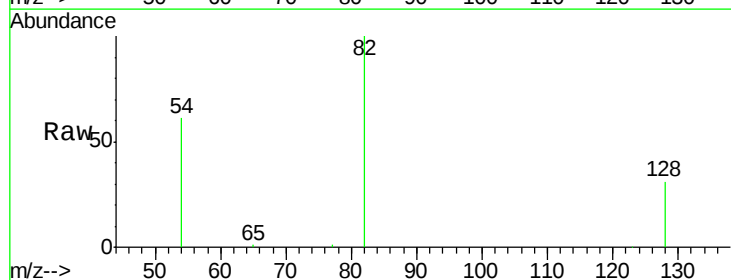
Tgt Ion: 82 Resp: 43405

Ion Ratio Lower Upper

82 100

128 31.1 25.4 38.0

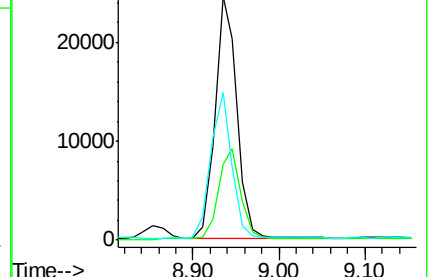
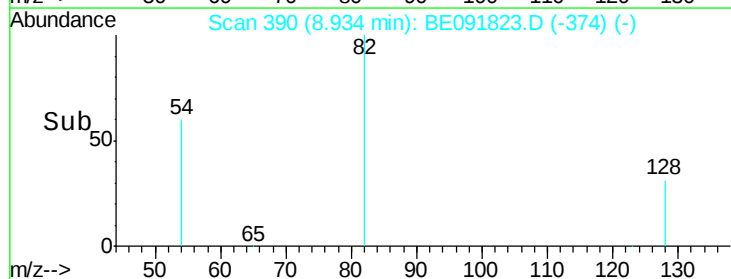
54 60.8 48.4 72.6

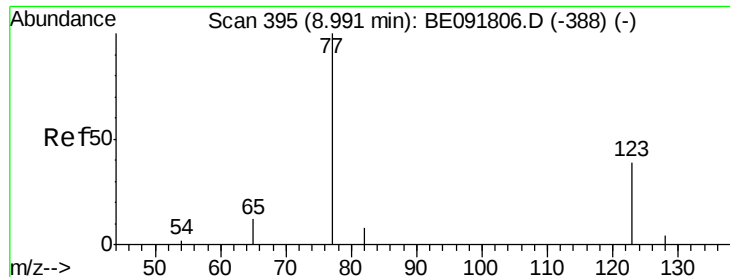


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Nitrobenzene

Concen: 4.59 ng

RT: 8.98 min Scan# 394

Delta R.T. -0.01 min

Lab File: BE091823.D

Acq: 19 May 2016 23:14

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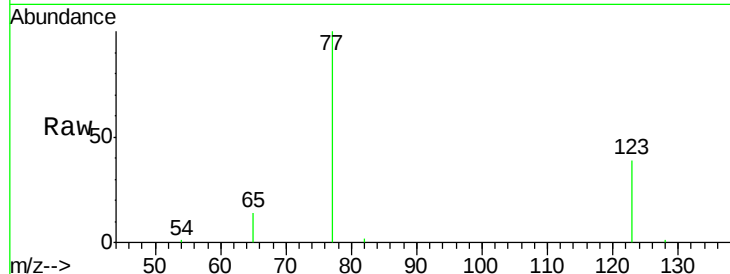
Tgt Ion: 77 Resp: 46068

Ion Ratio Lower Upper

77 100

123 38.3 26.9 40.3

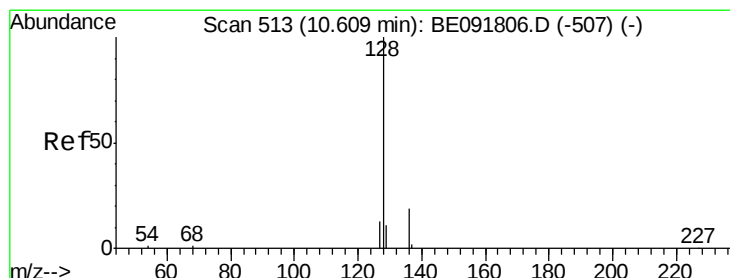
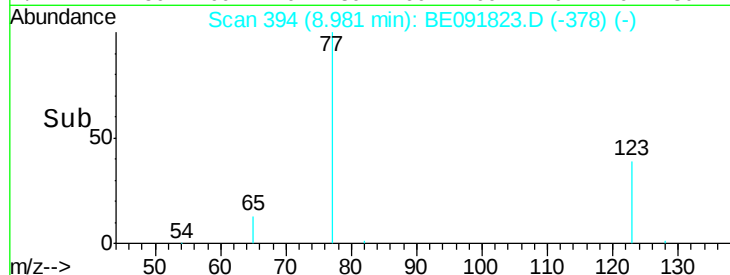
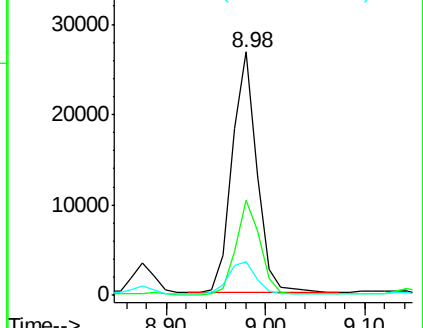
65 15.1 9.4 14.2#



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

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

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



#10

Naphthalene

Concen: 3.87 ng

RT: 10.61 min Scan# 513

Delta R.T. 0.00 min

Lab File: BE091823.D

Acq: 19 May 2016 23:14

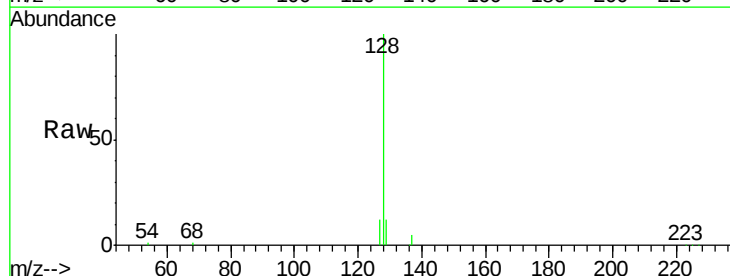
Tgt Ion: 128 Resp: 125973

Ion Ratio Lower Upper

128 100

129 11.5 9.3 13.9

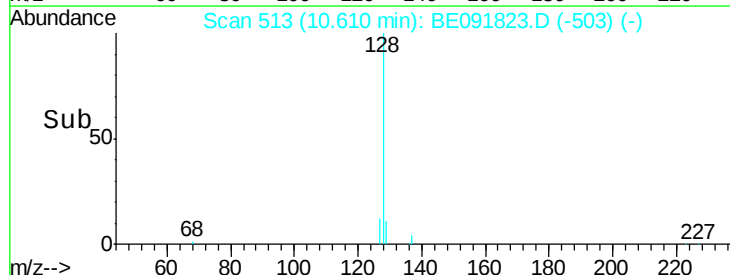
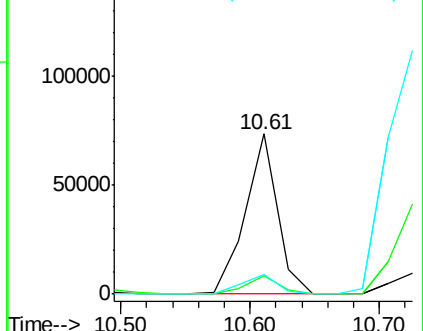
127 12.5 10.7 16.1

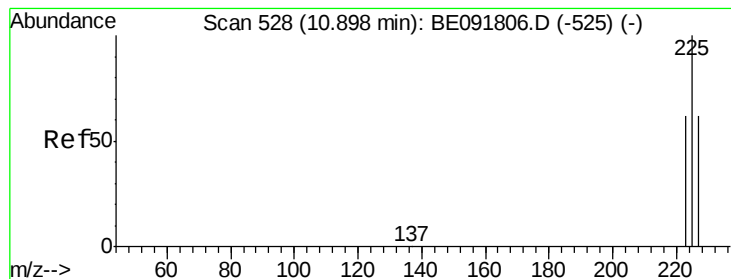


Abundance Ion 128.00 (127.70 to 128.70): BE091806.D (-507) (-)

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

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





#11

Hexachlorobutadiene

Concen: 3.75 ng

RT: 10.90 min Scan# 528

Delta R.T. -0.02 min

Lab File: BE091823.D

Acq: 19 May 2016 23:14

Instrument :

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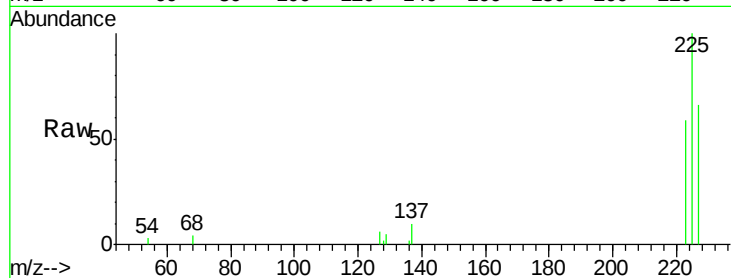
Tgt Ion:225 Resp: 18092

Ion Ratio Lower Upper

225 100

223 63.6 49.0 73.6

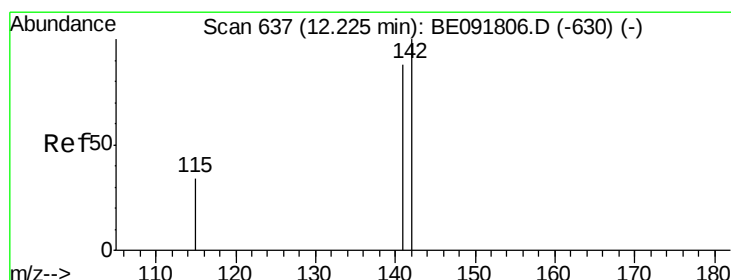
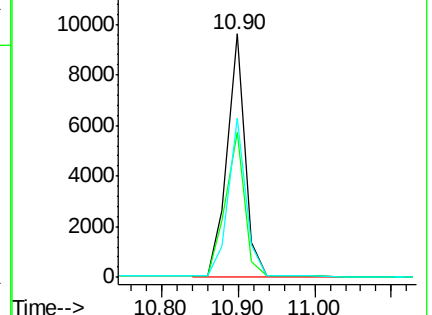
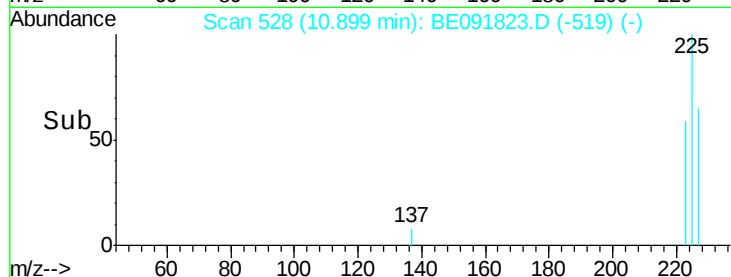
227 64.8 50.3 75.5



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: 4.73 ng

RT: 12.21 min Scan# 636

Delta R.T. -0.02 min

Lab File: BE091823.D

Acq: 19 May 2016 23:14

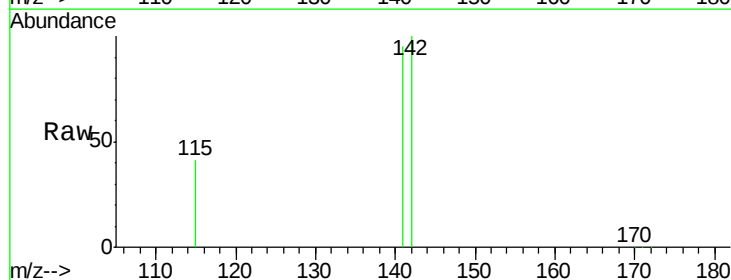
Tgt Ion:142 Resp: 103619

Ion Ratio Lower Upper

142 100

141 95.1 71.4 107.0

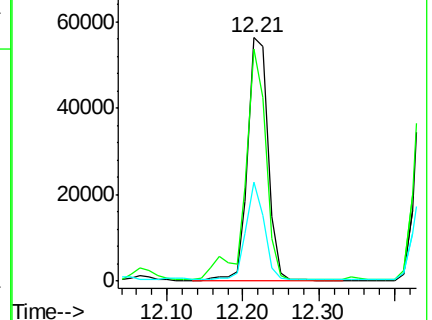
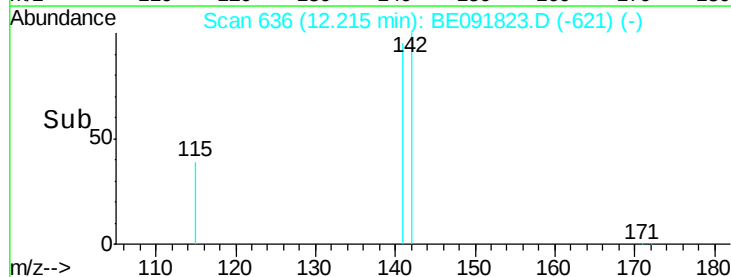
115 40.7 30.3 45.5

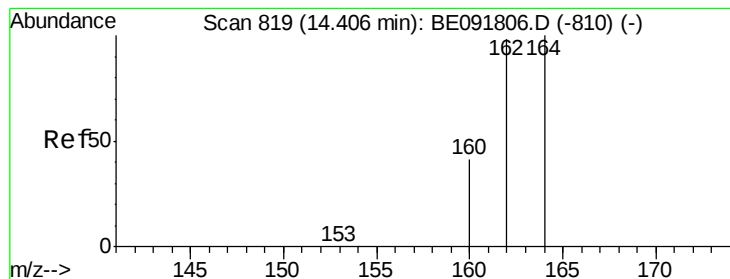


Abundance Ion 142.00 (141.70 to 142.70): E

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: BE091823.D

Acq: 19 May 2016 23:14

Instrument :

BNA_E

ClientSampleId :

SS043MW011-160512MS

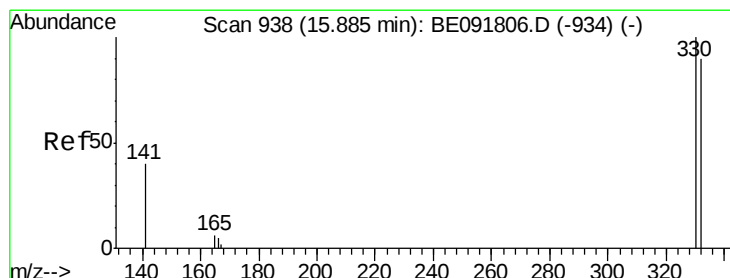
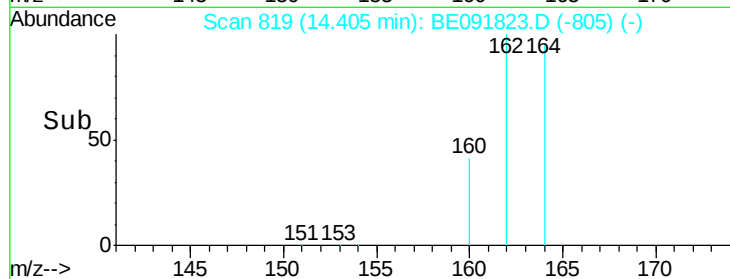
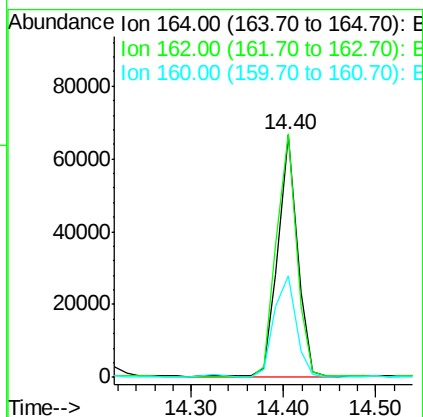
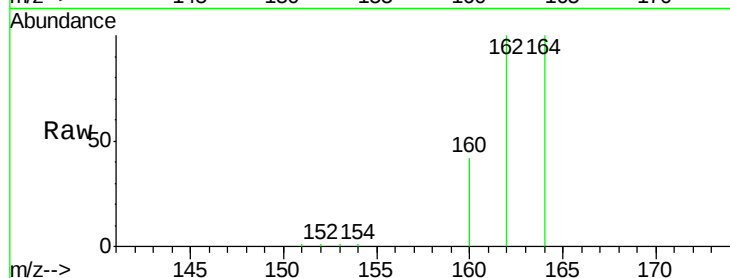
Tgt Ion:164 Resp: 98282

Ion Ratio Lower Upper

164 100

162 100.2 85.3 127.9

160 41.9 46.2 69.2#



#14

2,4,6-Tribromophenol

Concen: 10.48 ng

RT: 15.90 min Scan# 939

Delta R.T. 0.00 min

Lab File: BE091823.D

Acq: 19 May 2016 23:14

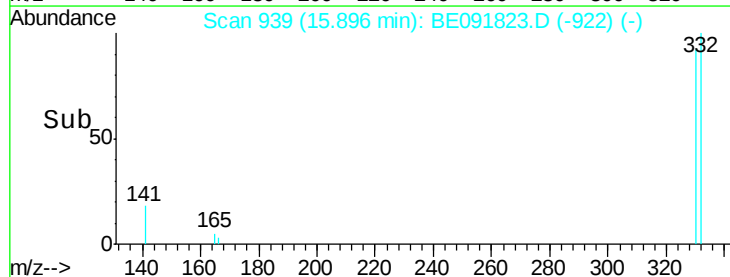
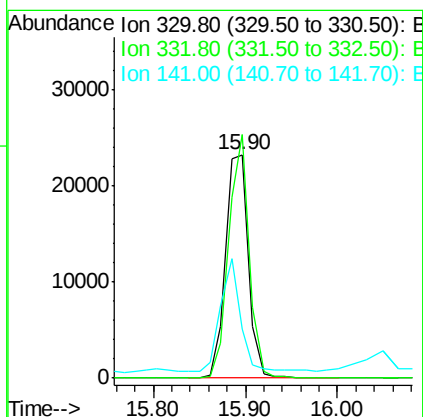
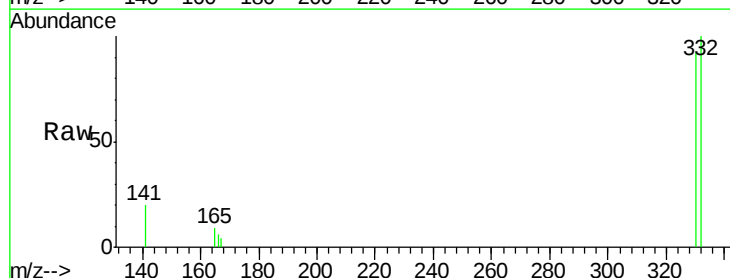
Tgt Ion:330 Resp: 39983

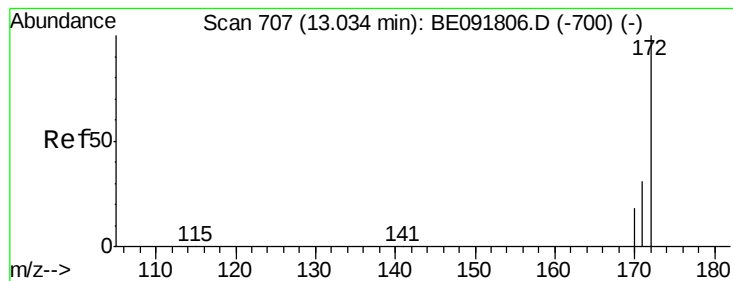
Ion Ratio Lower Upper

330 100

332 97.1 79.1 118.7

141 44.5 125.4 188.0#





#15

2-Fluorobiphenyl

Concen: 2.46 ng

RT: 13.02 min Scan# 706

Delta R.T. -0.01 min

Lab File: BE091823.D

Acq: 19 May 2016 23:14

Instrument :

BNA_E

ClientSampleId :

SS043MW011-160512MS

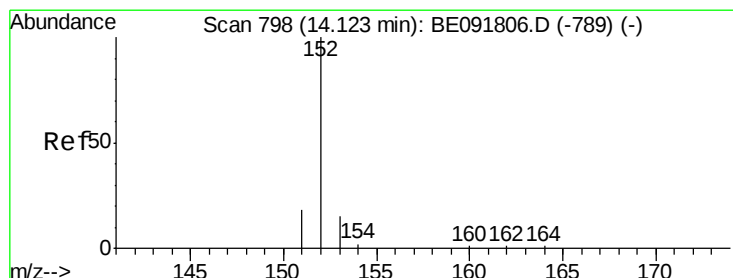
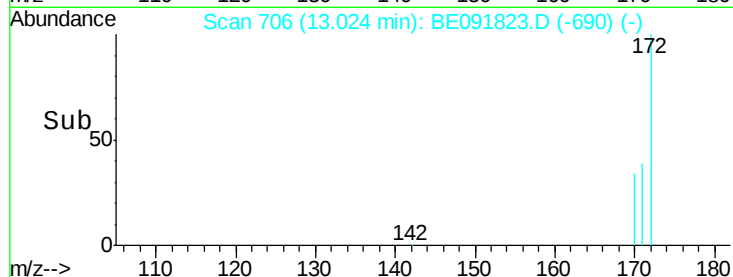
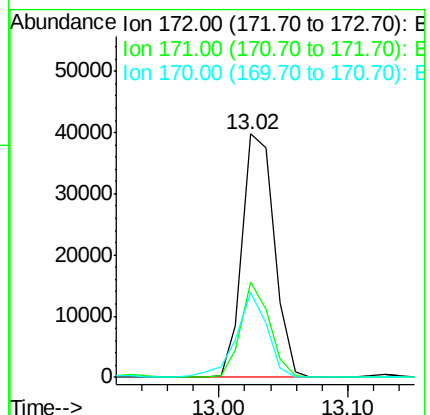
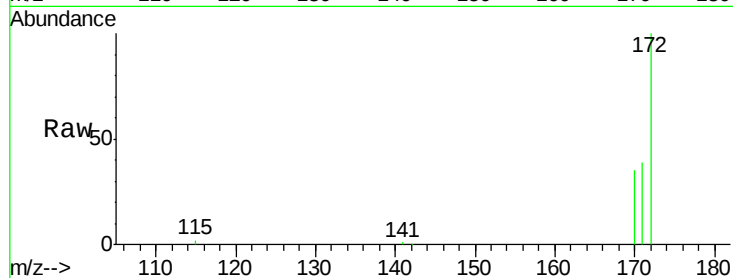
Tgt Ion:172 Resp: 68461

Ion Ratio Lower Upper

172 100

171 39.3 28.8 43.2

170 34.7 19.3 28.9#



#16

Acenaphthylene

Concen: 4.87 ng

RT: 14.12 min Scan# 798

Delta R.T. -0.00 min

Lab File: BE091823.D

Acq: 19 May 2016 23:14

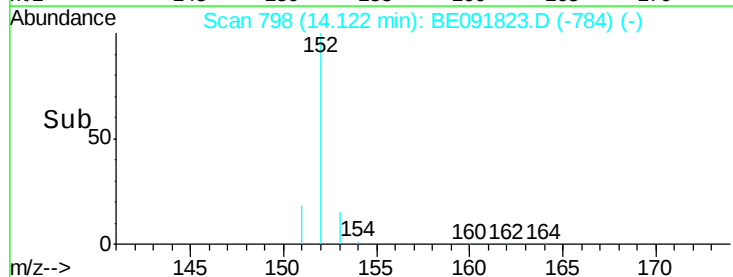
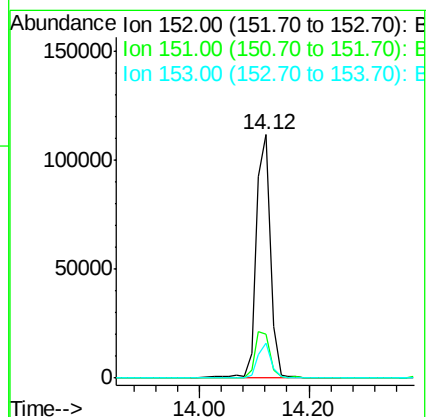
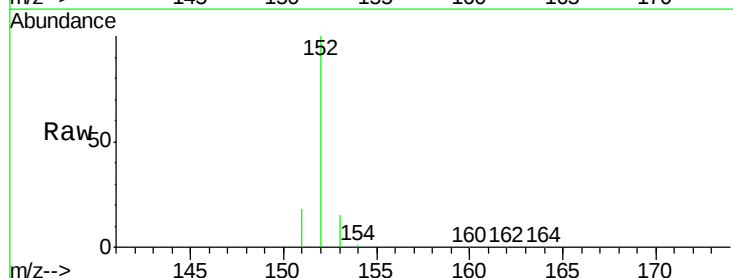
Tgt Ion:152 Resp: 213234

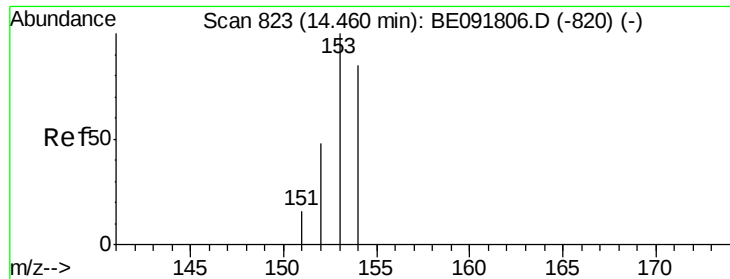
Ion Ratio Lower Upper

152 100

151 18.6 3.9 5.9#

153 15.0 10.3 15.5

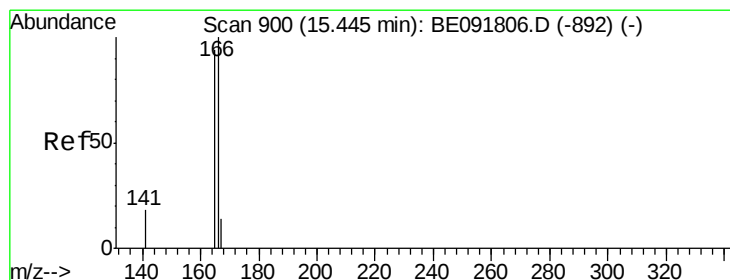
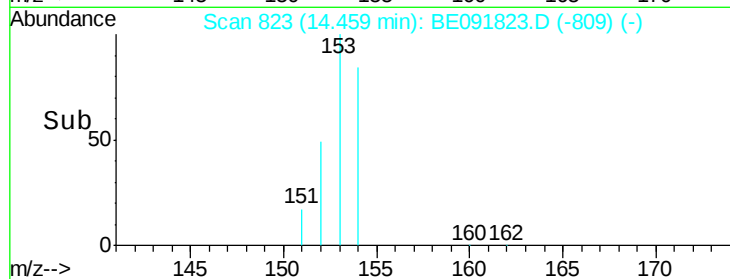
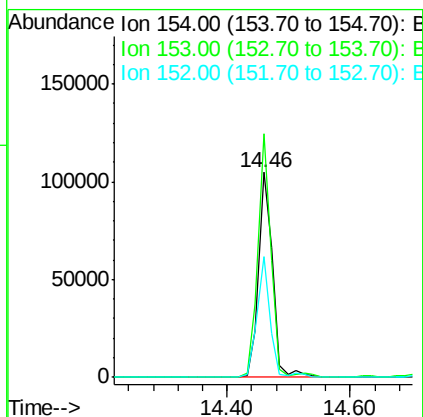
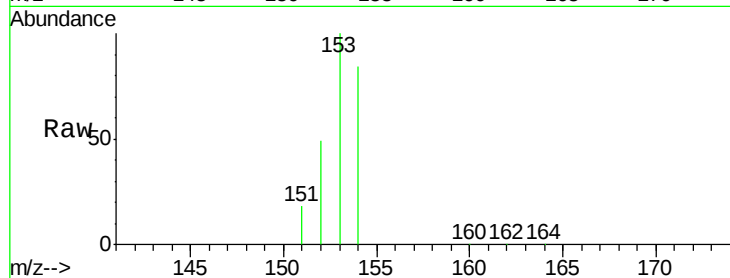




#17
Acenaphthene
Concen: 6.36 ng
RT: 14.46 min Scan# 823
Delta R.T. -0.01 min
Lab File: BE091823.D
Acq: 19 May 2016 23:14

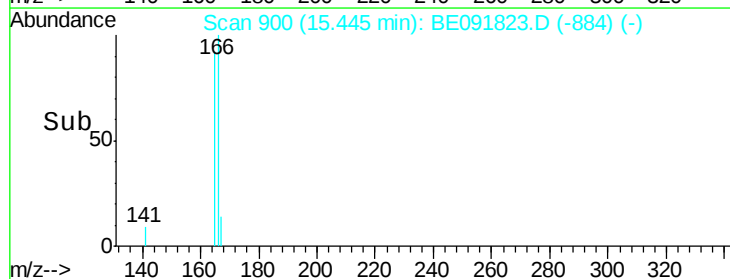
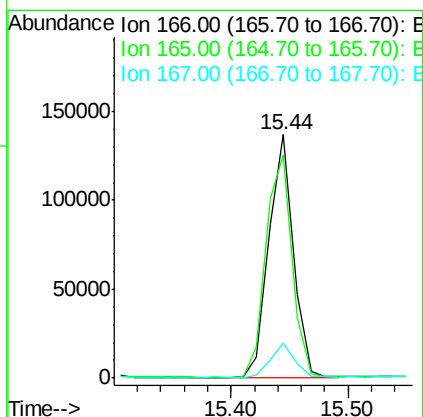
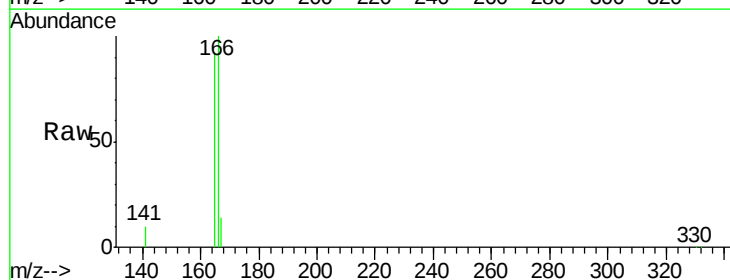
Instrument :
BNA_E
ClientSampleId :
SS043MW011-160512MS

Tgt Ion:154 Resp: 167699
Ion Ratio Lower Upper
154 100
153 109.7 80.0 120.0
152 52.9 40.0 60.0



#18
Fluorene
Concen: 5.80 ng
RT: 15.44 min Scan# 900
Delta R.T. -0.01 min
Lab File: BE091823.D
Acq: 19 May 2016 23:14

Tgt Ion:166 Resp: 198111
Ion Ratio Lower Upper
166 100
165 98.3 80.8 121.2
167 13.7 10.9 16.3





#19

Phenanthrene-d10

Concen: 5.00 ng

RT: 17.14 min Scan# 1015

Delta R.T. -0.01 min

Lab File: BE091823.D

Acq: 19 May 2016 23:14

Instrument :

BNA_E

ClientSampleId :

SS043MW011-160512MS

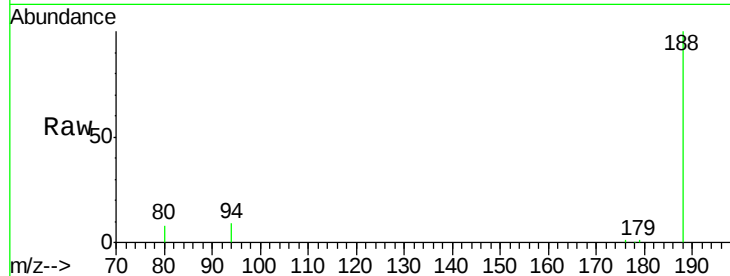
Tgt Ion:188 Resp: 228761

Ion Ratio Lower Upper

188 100

94 9.0 8.7 13.1

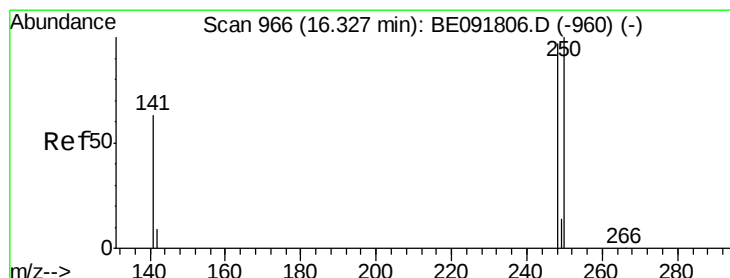
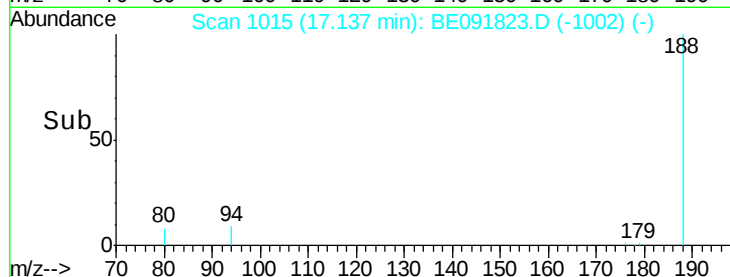
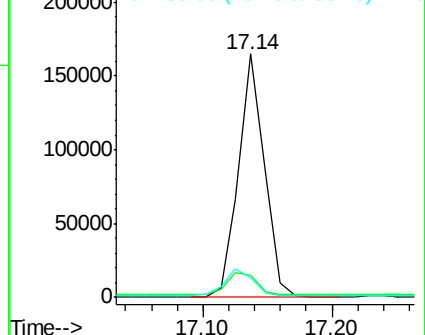
80 8.1 9.4 14.0#



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: 5.66 ng

RT: 16.33 min Scan# 966

Delta R.T. -0.00 min

Lab File: BE091823.D

Acq: 19 May 2016 23:14

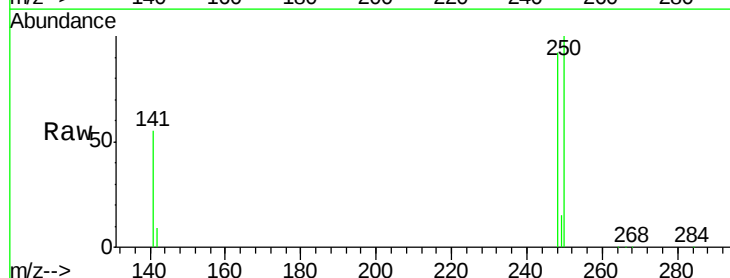
Tgt Ion:248 Resp: 48377

Ion Ratio Lower Upper

248 100

250 95.6 80.5 120.7

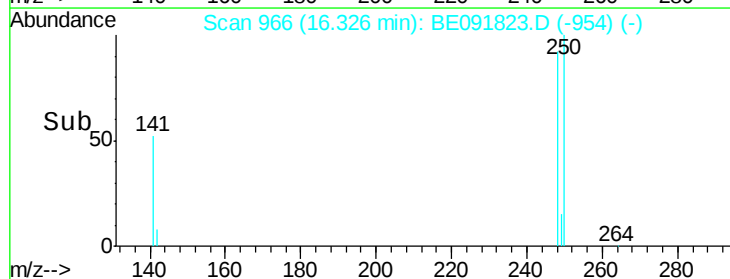
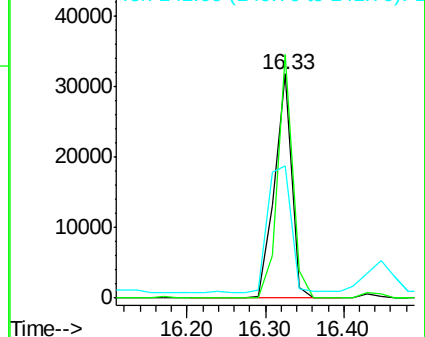
141 77.8 72.0 108.0

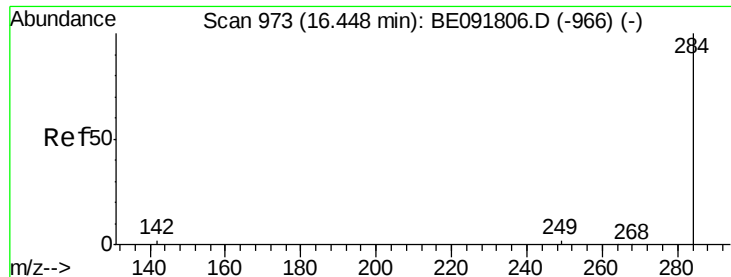


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

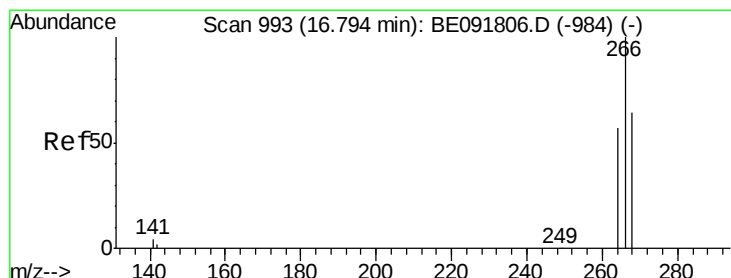
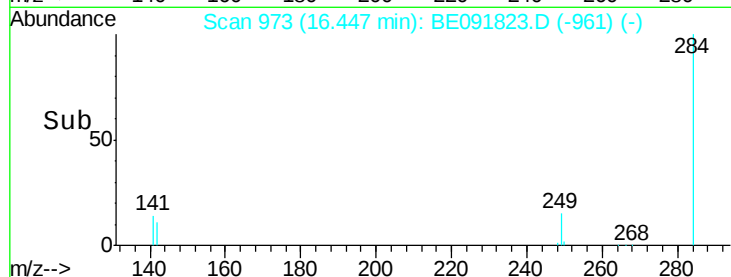
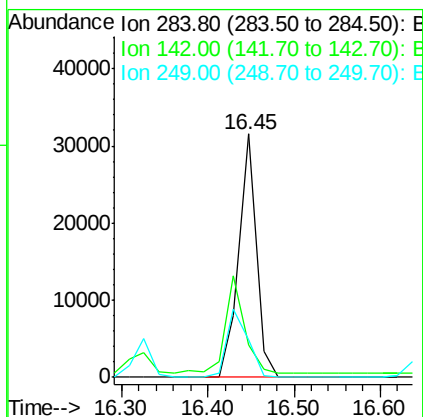
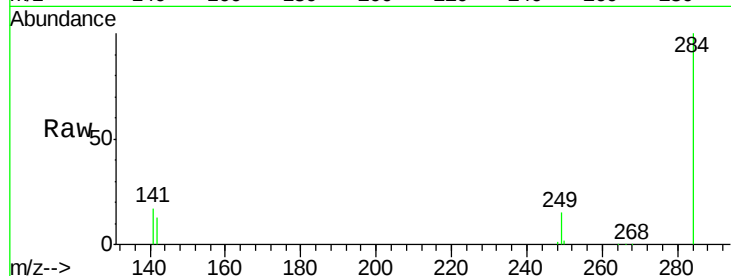




#21
Hexachlorobenzene
Concen: 5.01 ng
RT: 16.45 min Scan# 973
Delta R.T. -0.00 min
Lab File: BE091823.D
Acq: 19 May 2016 23:14

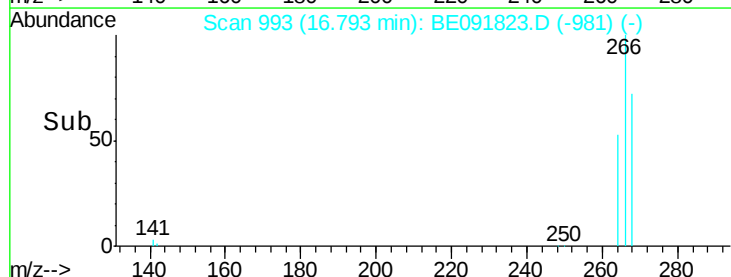
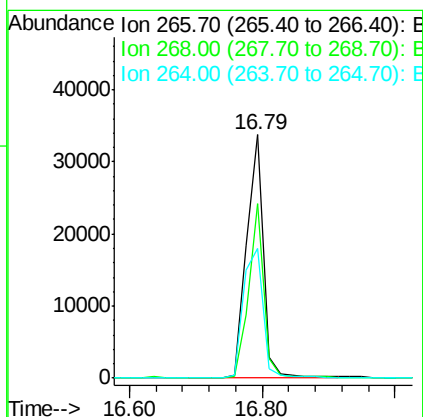
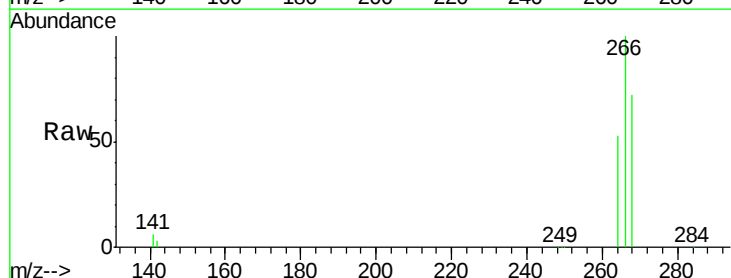
Instrument :
BNA_E
ClientSampleId :
SS043MW011-160512MS

Tgt Ion: 284 Resp: 44631
Ion Ratio Lower Upper
284 100
142 44.2 32.2 48.2
249 32.7 25.4 38.2



#22
Pentachlorophenol
Concen: 15.94 ng
RT: 16.79 min Scan# 993
Delta R.T. 0.00 min
Lab File: BE091823.D
Acq: 19 May 2016 23:14

Tgt Ion: 266 Resp: 58683
Ion Ratio Lower Upper
266 100
268 71.6 58.2 87.2
264 53.3 56.2 84.4#





#23

Phenanthrene

Concen: 6.44 ng

RT: 17.17 min Scan# 1018

Delta R.T. -0.01 min

Lab File: BE091823.D

Acq: 19 May 2016 23:14

Instrument :

BNA_E

ClientSampleId :

SS043MW011-160512MS

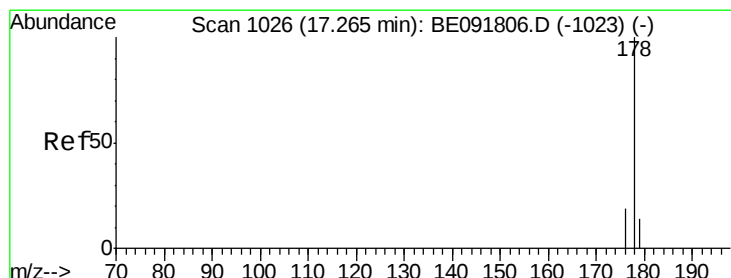
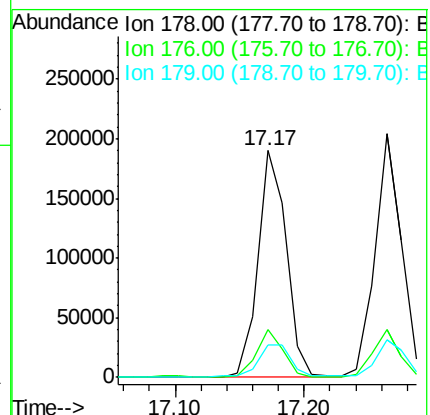
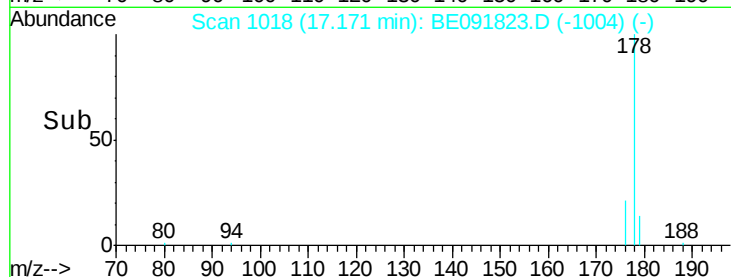
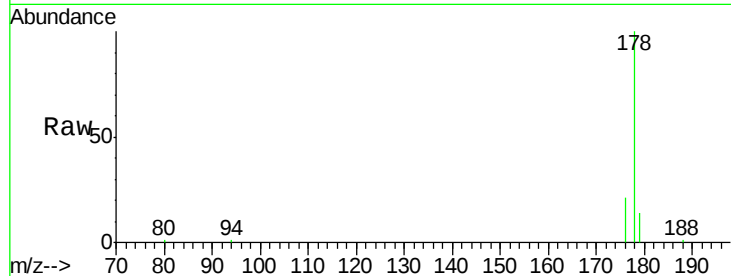
Tgt Ion:178 Resp: 287907

Ion Ratio Lower Upper

178 100

176 20.2 15.3 22.9

179 16.0 12.6 18.8



#24

Anthracene

Concen: 5.83 ng

RT: 17.26 min Scan# 1026

Delta R.T. -0.01 min

Lab File: BE091823.D

Acq: 19 May 2016 23:14

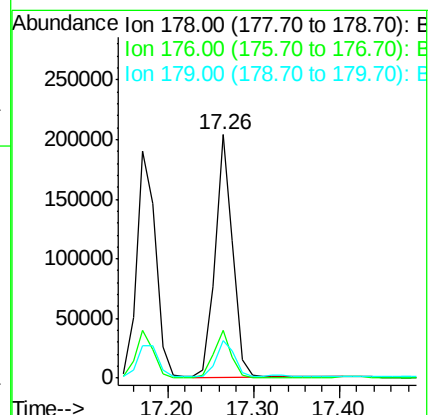
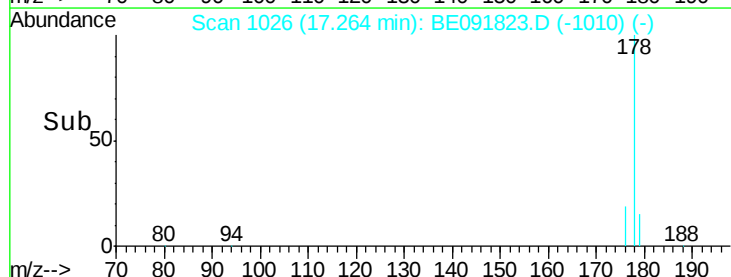
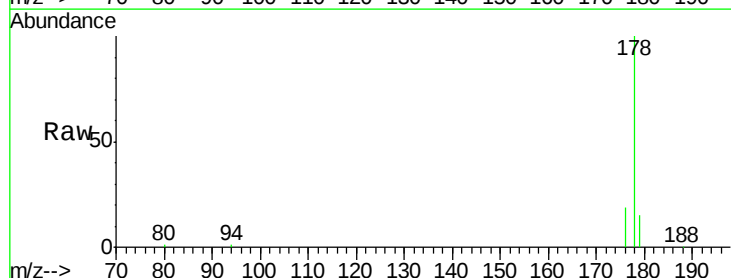
Tgt Ion:178 Resp: 289942

Ion Ratio Lower Upper

178 100

176 18.7 14.6 21.8

179 15.6 11.8 17.6





#25

Fluoranthene

Concen: 5.70 ng

RT: 19.19 min Scan# 1150

Delta R.T. -0.00 min

Lab File: BE091823.D

Acq: 19 May 2016 23:14

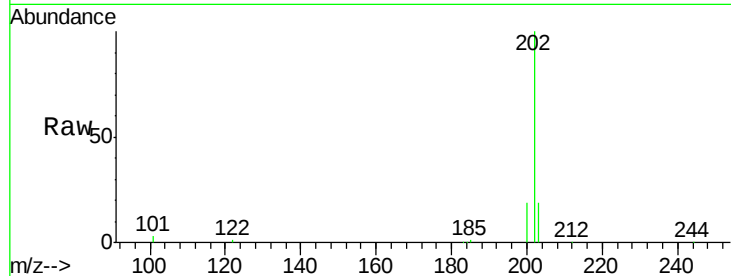
Instrument :

BNA_E

ClientSampleId :

SS043MW011-160512MS

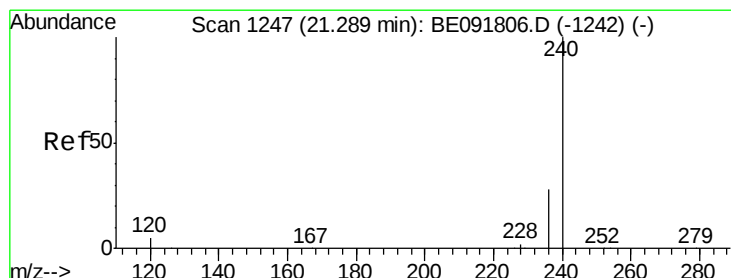
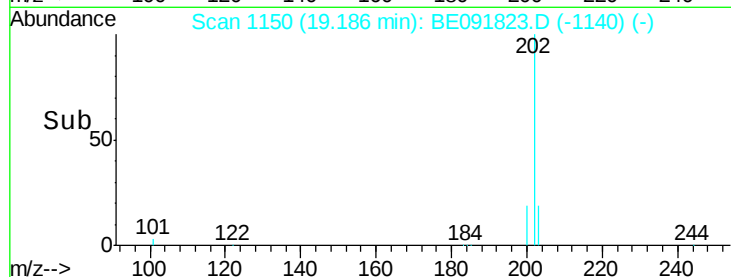
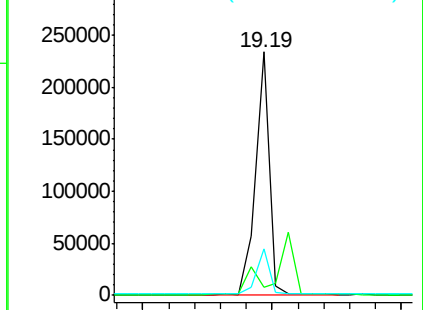
Tgt Ion:	202	Resp:	346532
Ion Ratio	Lower	Upper	
202	100		
101	0.0	11.0	16.6#
203	18.1	13.9	20.9



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#26

Chrysene-d12

Concen: 5.00 ng

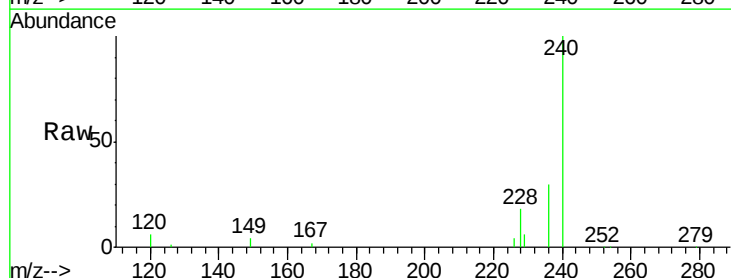
RT: 21.29 min Scan# 1247

Delta R.T. -0.02 min

Lab File: BE091823.D

Acq: 19 May 2016 23:14

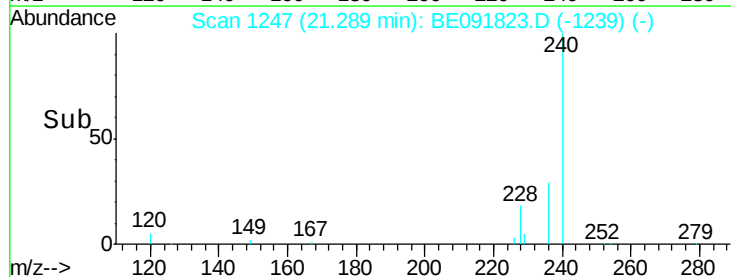
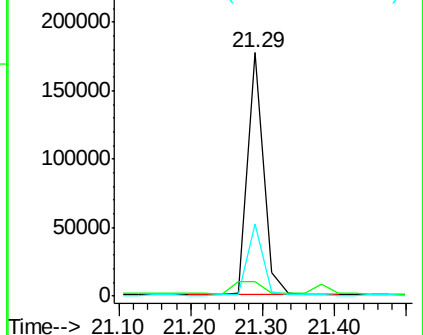
Tgt Ion:	240	Resp:	271567
Ion Ratio	Lower	Upper	
240	100		
120	6.2	11.0	16.4#
236	29.5	21.7	32.5

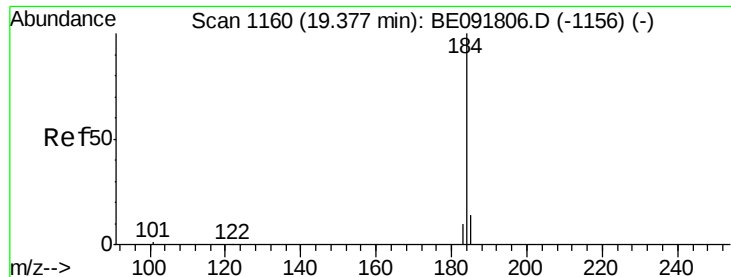


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#27

Benzidine

Concen: 0.02 ng

RT: 19.30 min Scan# 1156

Delta R.T. -0.08 min

Lab File: BE091823.D

Acq: 19 May 2016 23:14

Instrument :

BNA_E

ClientSampleId :

SS043MW011-160512MS

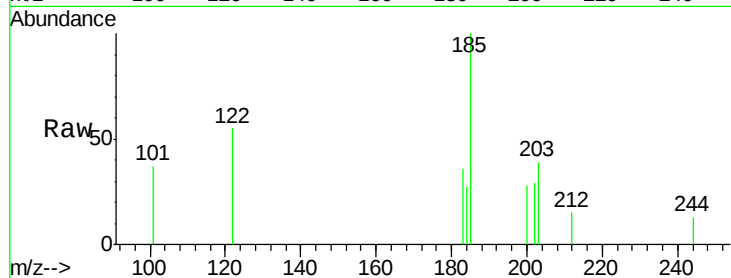
Tgt Ion:184 Resp: 935

Ion Ratio Lower Upper

184 100

185 372.5 22.3 33.5#

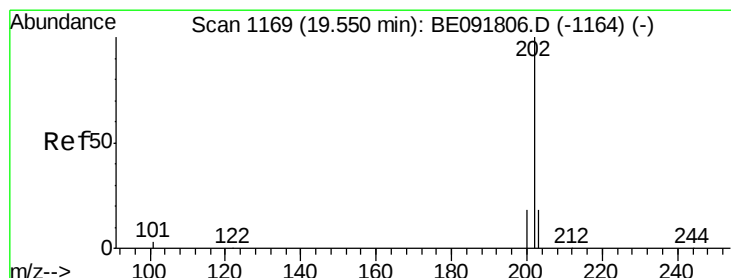
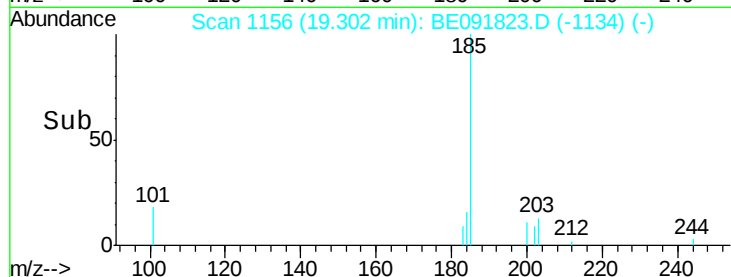
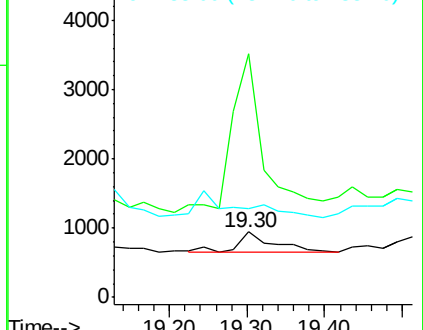
183 135.6 16.4 24.6#



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: 5.59 ng

RT: 19.55 min Scan# 1169

Delta R.T. -0.00 min

Lab File: BE091823.D

Acq: 19 May 2016 23:14

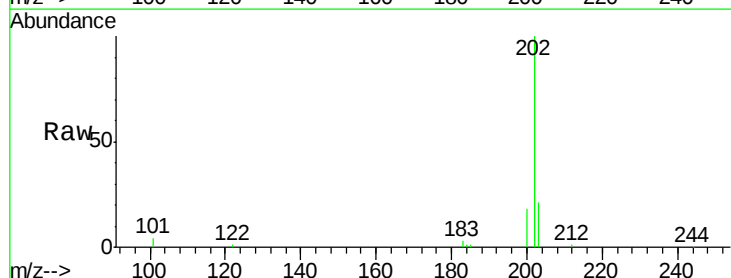
Tgt Ion:202 Resp: 333032

Ion Ratio Lower Upper

202 100

200 21.7 16.8 25.2

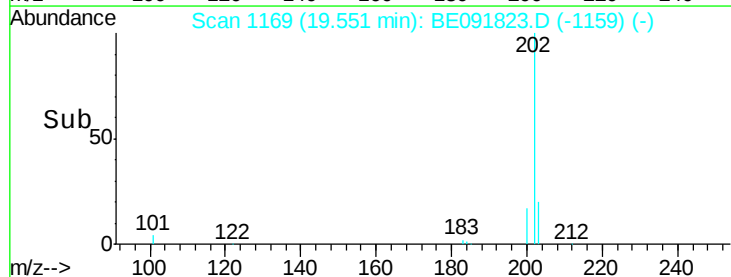
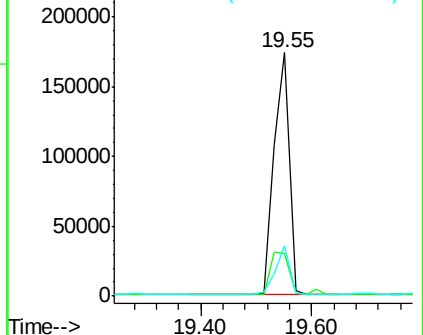
203 18.5 14.0 21.0

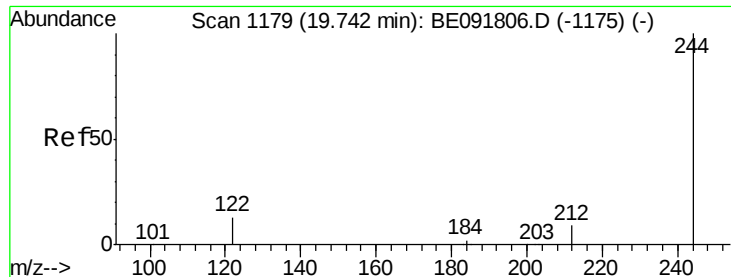


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 5.12 ng

RT: 19.74 min Scan# 1179

Delta R.T. -0.02 min

Lab File: BE091823.D

Acq: 19 May 2016 23:14

Instrument :

BNA_E

ClientSampleId :

SS043MW011-160512MS

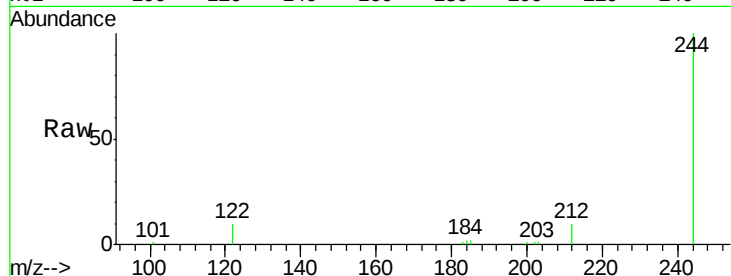
Tgt Ion:244 Resp: 196846

Ion Ratio Lower Upper

244 100

212 9.7 6.9 10.3

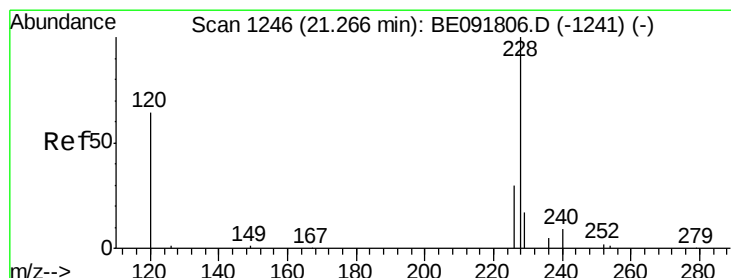
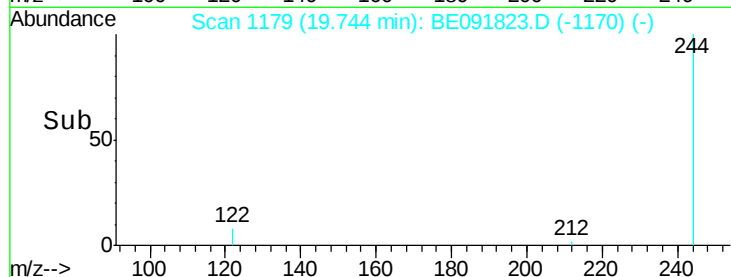
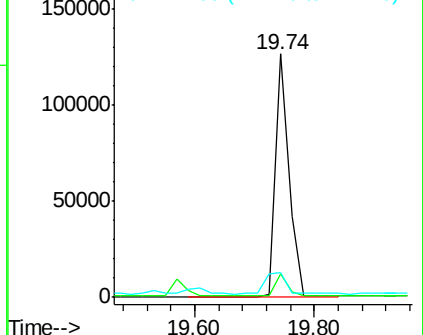
122 10.1 11.0 16.4#



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#30

Benzo(a)anthracene

Concen: 9.24 ng

RT: 21.27 min Scan# 1246

Delta R.T. -0.02 min

Lab File: BE091823.D

Acq: 19 May 2016 23:14

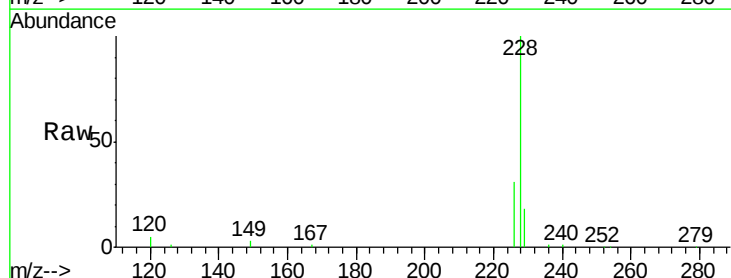
Tgt Ion:228 Resp: 605467

Ion Ratio Lower Upper

228 100

226 31.4 21.0 31.4

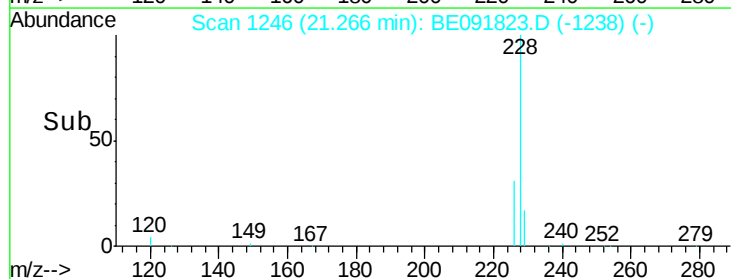
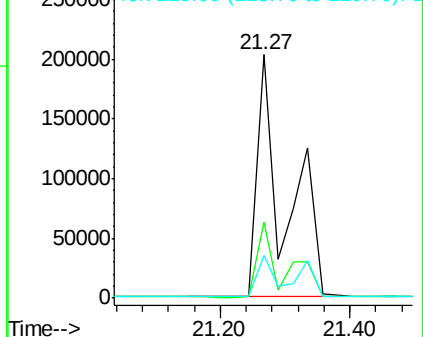
229 17.6 15.7 23.5

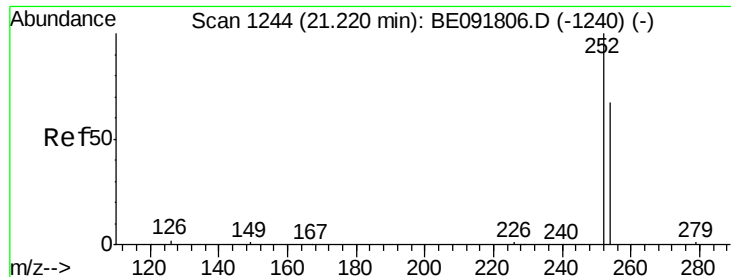


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

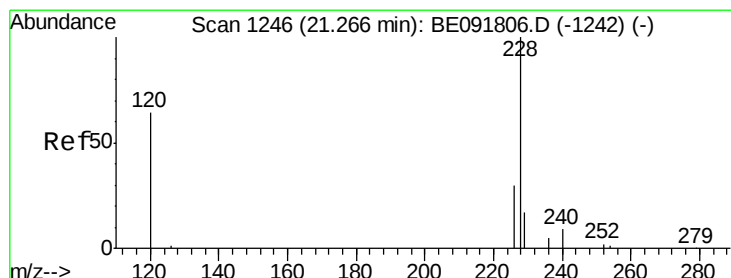
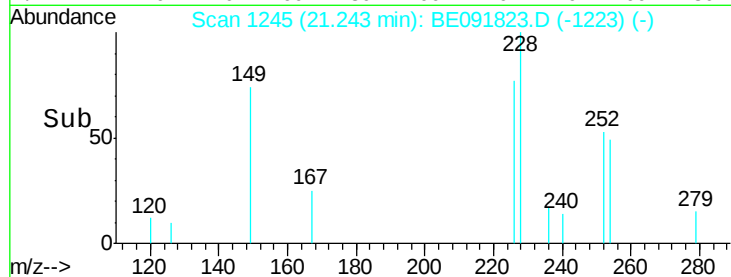
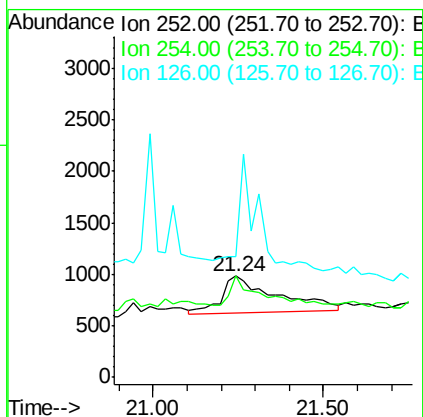
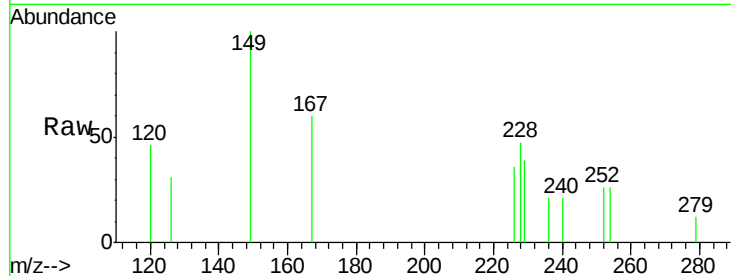




#31
 3,3'-Dichlorobenzidine
 Concen: 0.10 ng
 RT: 21.24 min Scan# 1245
 Delta R.T. 0.00 min
 Lab File: BE091823.D
 Acq: 19 May 2016 23:14

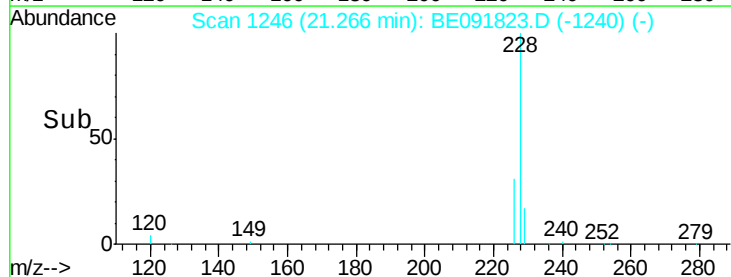
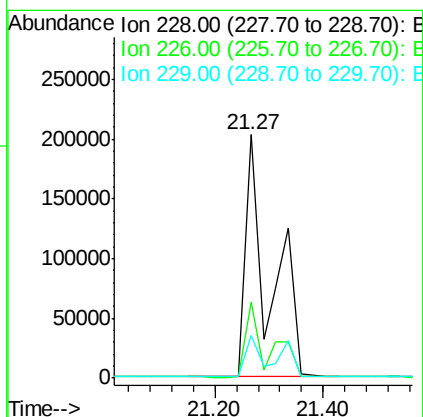
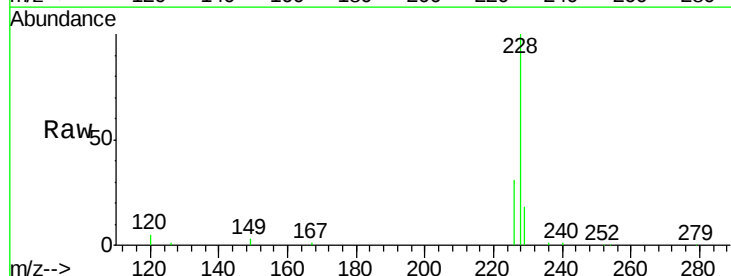
Instrument :
 BNA_E
 ClientSampleId :
 SS043MW011-160512MS

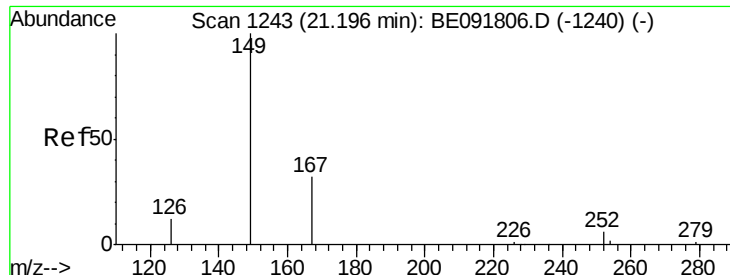
Tgt Ion: 252 Resp: 3996
 Ion Ratio Lower Upper
 252 100
 254 100.2 51.1 76.7#
 126 119.5 12.6 18.8#



#32
 Chrysene
 Concen: 10.76 ng
 RT: 21.27 min Scan# 1246
 Delta R.T. -0.07 min
 Lab File: BE091823.D
 Acq: 19 May 2016 23:14

Tgt Ion: 228 Resp: 607377
 Ion Ratio Lower Upper
 228 100
 226 31.4 24.0 36.0
 229 17.6 15.9 23.9

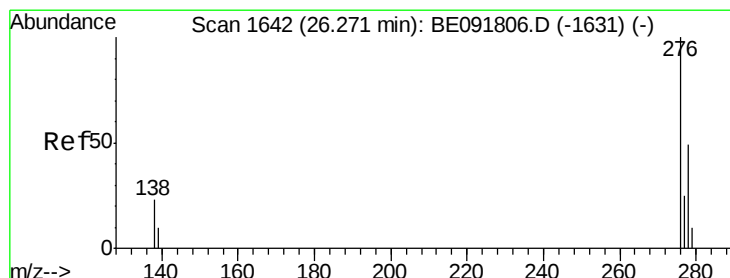
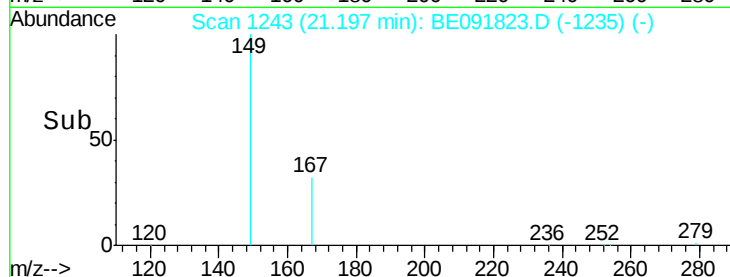
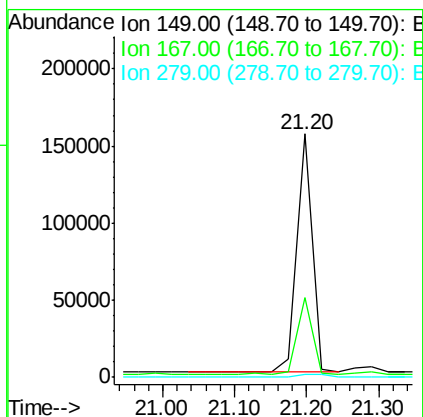
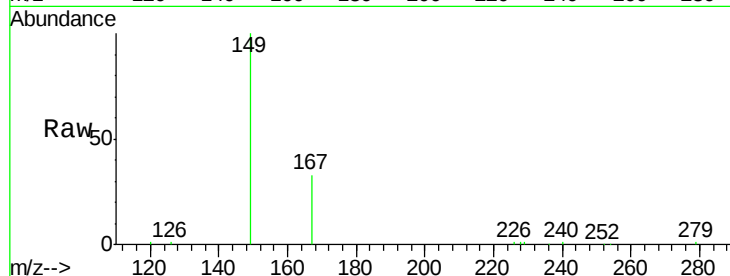




#33
 Bis(2-ethylhexyl)phthalate
 Concen: 6.07 ng
 RT: 21.20 min Scan# 1243
 Delta R.T. -0.02 min
 Lab File: BE091823.D
 Acq: 19 May 2016 23:14

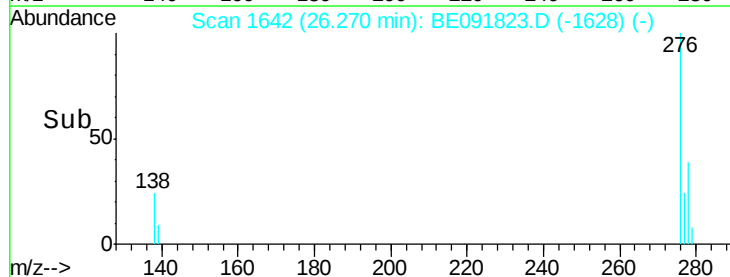
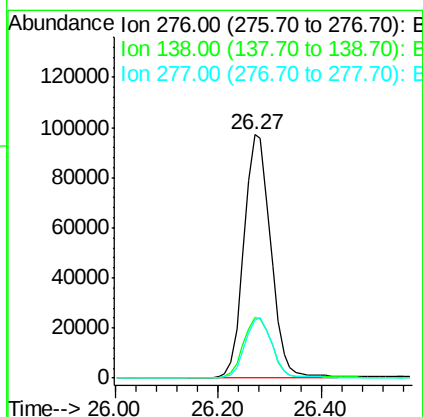
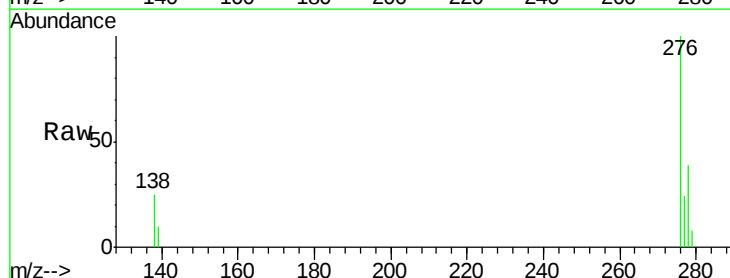
Instrument :
 BNA_E
 ClientSampleId :
 SS043MW011-160512MS

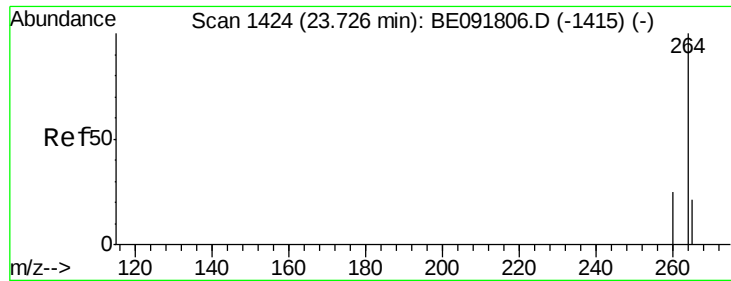
Tgt Ion: 149 Resp: 228622
 Ion Ratio Lower Upper
 149 100
 167 31.4 19.5 29.3#
 279 0.0 10.0 15.0#



#34
 Indeno(1,2,3-cd)pyrene
 Concen: 5.24 ng
 RT: 26.27 min Scan# 1642
 Delta R.T. -0.04 min
 Lab File: BE091823.D
 Acq: 19 May 2016 23:14

Tgt Ion: 276 Resp: 351534
 Ion Ratio Lower Upper
 276 100
 138 25.7 23.4 35.2
 277 24.8 19.8 29.8

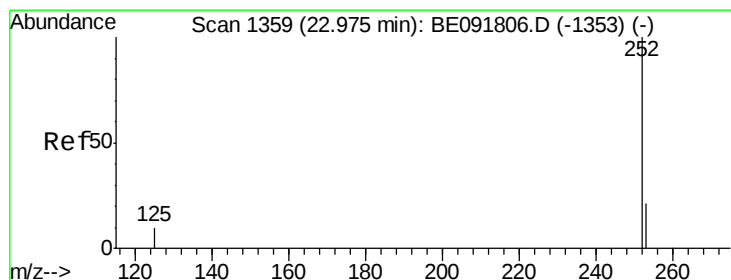
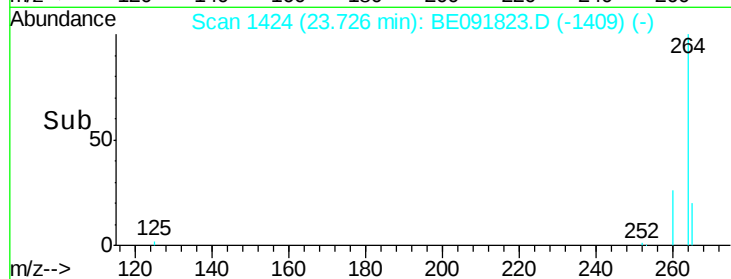
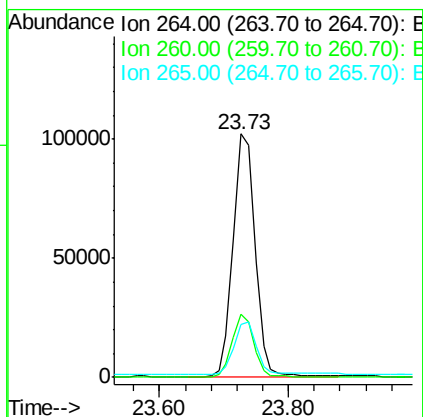
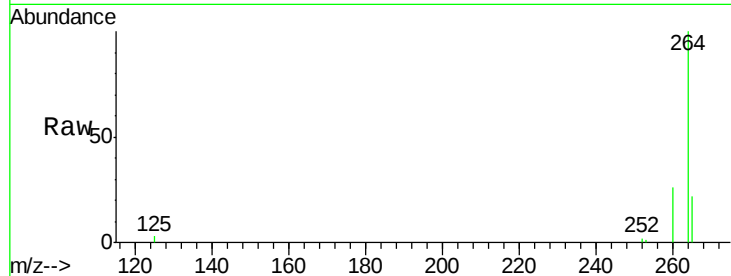




#35
 Perylene-d12
 Concen: 5.00 ng
 RT: 23.73 min Scan# 1424
 Delta R.T. -0.02 min
 Lab File: BE091823.D
 Acq: 19 May 2016 23:14

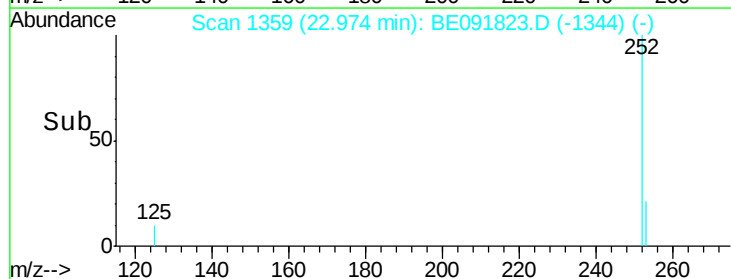
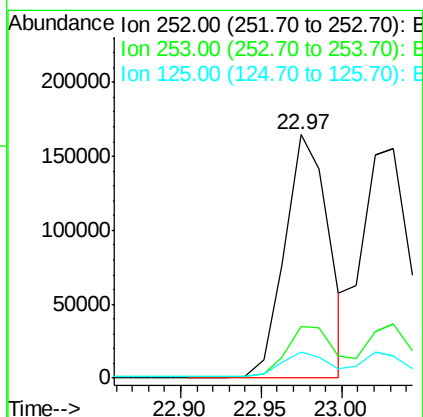
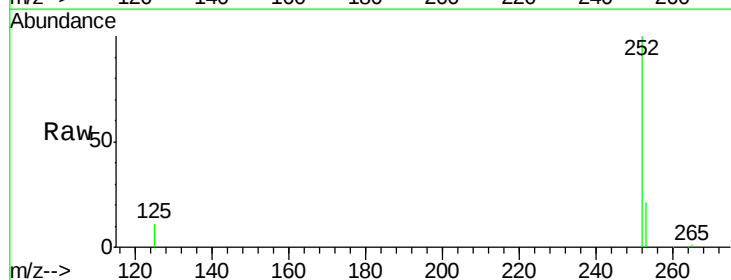
Instrument :
 BNA_E
 ClientSampleId :
 SS043MW011-160512MS

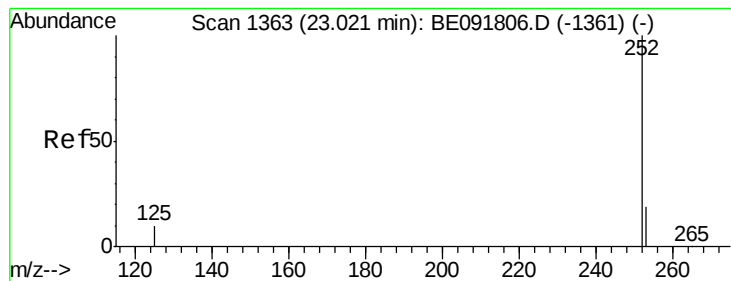
Tgt Ion: 264 Resp: 239767
 Ion Ratio Lower Upper
 264 100
 260 26.1 20.0 30.0
 265 21.6 17.5 26.3



#36
 Benzo(b)fluoranthene
 Concen: 5.21 ng
 RT: 22.97 min Scan# 1359
 Delta R.T. -0.02 min
 Lab File: BE091823.D
 Acq: 19 May 2016 23:14

Tgt Ion: 252 Resp: 312358
 Ion Ratio Lower Upper
 252 100
 253 21.4 17.4 26.0
 125 10.8 10.2 15.2





#37

Benzo(k)fluoranthene

Concen: 5.09 ng

RT: 22.97 min Scan# 1359

Delta R.T. -0.07 min

Lab File: BE091823.D

Acq: 19 May 2016 23:14

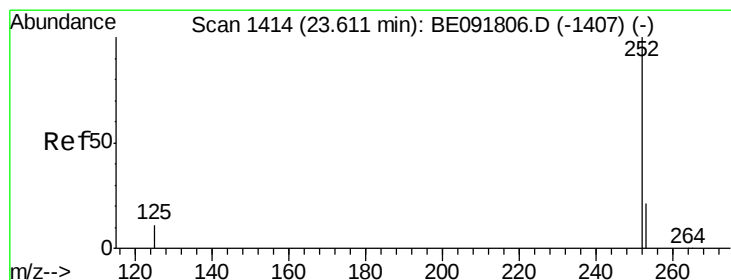
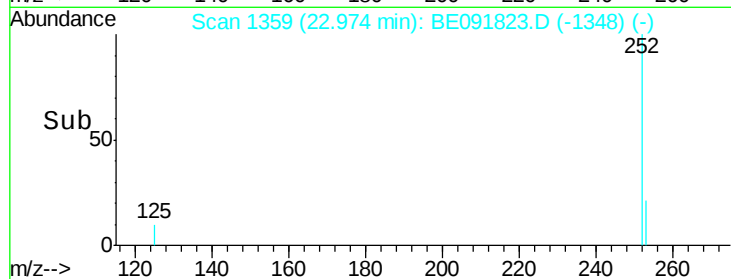
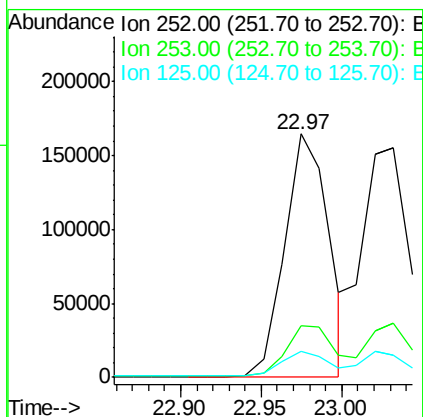
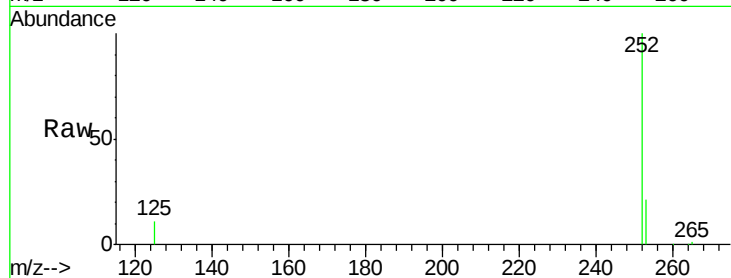
Instrument :

BNA_E

ClientSampleId :

SS043MW011-160512MS

Tgt Ion:	252	Resp:	312358
Ion Ratio	Lower	Upper	
252	100		
253	21.4	17.6	26.4
125	10.8	9.9	14.9



#38

Benzo(a)pyrene

Concen: 5.34 ng

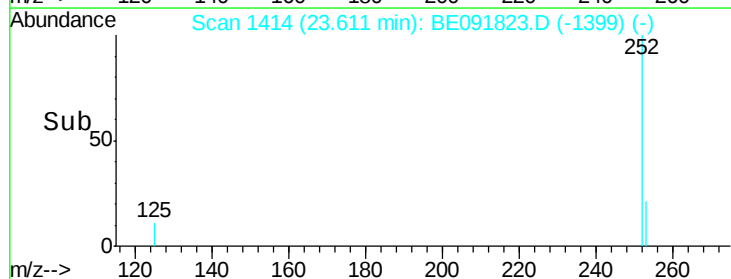
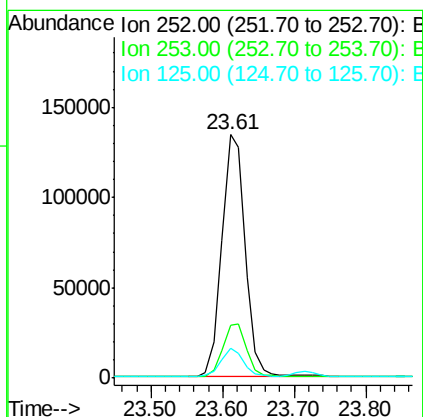
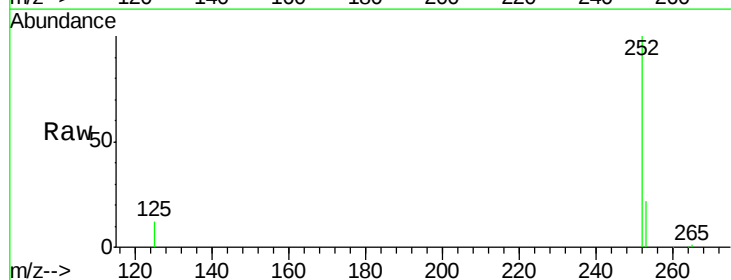
RT: 23.61 min Scan# 1414

Delta R.T. -0.02 min

Lab File: BE091823.D

Acq: 19 May 2016 23:14

Tgt Ion:	252	Resp:	305852
Ion Ratio	Lower	Upper	
252	100		
253	21.7	18.1	27.1
125	12.1	11.0	16.4





#39

Dibenzo(a,h)anthracene

Concen: 5.23 ng

RT: 26.29 min Scan# 1644

Delta R.T. -0.05 min

Lab File: BE091823.D

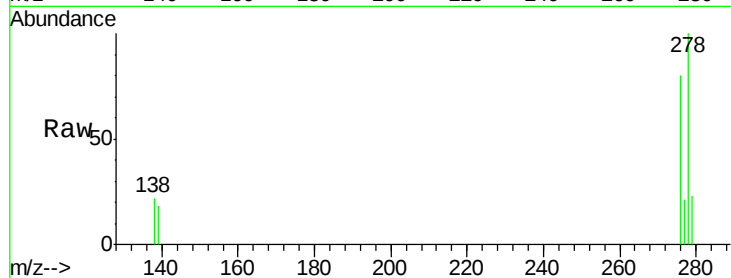
Acq: 19 May 2016 23:14

Instrument :

BNA_E

ClientSampleId :

SS043MW011-160512MS



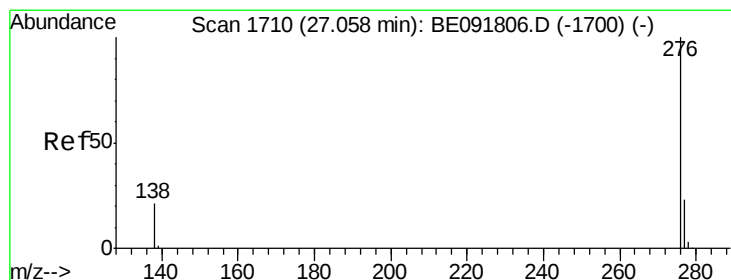
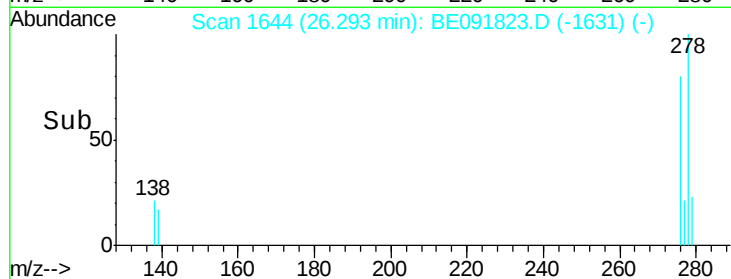
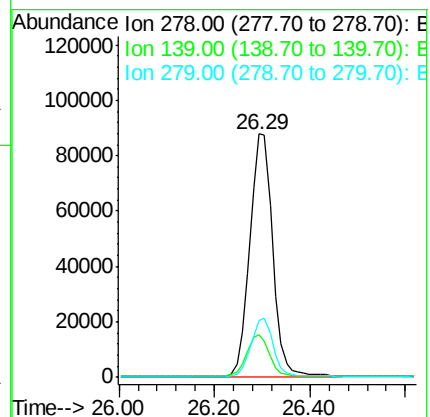
Tgt Ion: 278 Resp: 292141

Ion Ratio Lower Upper

278 100

139 17.7 16.0 24.0

279 23.4 19.4 29.2



#40

Benzo(g,h,i)perylene

Concen: 5.12 ng

RT: 27.07 min Scan# 1711

Delta R.T. -0.04 min

Lab File: BE091823.D

Acq: 19 May 2016 23:14

Tgt Ion: 276 Resp: 295482

Ion Ratio Lower Upper

276 100

277 24.5 18.6 28.0

138 20.2 20.4 30.6#

