

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE051916\
 Data File : BE091822.D
 Acq On : 19 May 2016 22:36
 Operator : UM/SJ
 Sample : H3084-06
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SS043MW011-160512

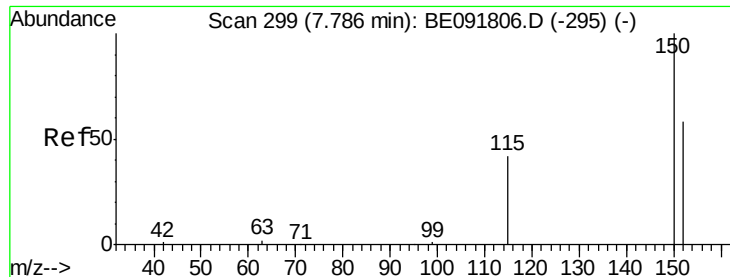
Quant Time: May 20 04:50:39 2016
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE051916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 19 15:36:49 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	28127	5.00	ng	-0.02
7) Naphthalene-d8	10.55	136	150759	5.00	ng	-0.02
13) Acenaphthene-d10	14.41	164	98637	5.00	ng	-0.01
19) Phenanthrene-d10	17.14	188	230268	5.00	ng	-0.01
26) Chrysene-d12	21.29	240	278489	5.00	ng	-0.02
35) Perylene-d12	23.73	264	246614	5.00	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.39	112	31627	4.30	ng	0.00
5) Phenol-d6	6.96	99	34776	3.36	ng	0.00
8) Nitrobenzene-d5	8.93	82	50166	5.02	ng	-0.01
14) 2,4,6-Tribromophenol	15.89	330	39465	10.31	ng	-0.01
15) 2-Fluorobiphenyl	13.03	172	68191	2.44	ng	0.00
29) Terphenyl-d14	19.74	244	194593	4.94	ng	-0.02

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.33	88	264016	86.57	ng	87
3) n-Nitrosodimethylamine	3.54	42	640	0.14	ng	# 6
6) bis(2-Chloroethyl)ether	7.21	93	161495	19.44	ng	# 75
9) Nitrobenzene	8.97	77	851	0.08	ng	# 53
10) Naphthalene	10.61	128	5760	0.17	ng	# 90
12) 2-Methylnaphthalene	12.23	142	2930	0.13	ng	# 85
16) Acenaphthylene	14.12	152	2956	0.07	ng	# 1
17) Acenaphthene	14.46	154	40748	1.54	ng	89
18) Fluorene	15.45	166	31528	0.92	ng	97
20) 4-Bromophenyl-phenylether	16.29	248	104	0.01	ng	# 19
21) Hexachlorobenzene	16.45	284	21	0.00	ng	# 1
22) Pentachlorophenol	16.79	266	94	0.03	ng	# 84
23) Phenanthrene	17.17	178	17323	0.29	ng	# 89
24) Anthracene	17.26	178	7941	0.16	ng	# 90
25) Fluoranthene	19.19	202	11181	0.18	ng	# 79
27) Benzidine	19.30	184	843	0.01	ng	# 1
28) Pyrene	19.55	202	7524	0.12	ng	# 66
30) Benzo(a)anthracene	21.29	228	2451	0.04	ng	# 1
31) 3,3'-Dichlorobenzidine	21.22	252	628	0.01	ng	# 17
32) Chrysene	21.29	228	2357	0.08	ng	# 1
33) Bis(2-ethylhexyl)phthalate	21.20	149	9168	0.47	ng	# 77
34) Indeno(1,2,3-cd)pyrene	26.27	276	424	0.01	ng	# 64
36) Benzo(b)fluoranthene	22.98	252	569	0.01	ng	# 1
37) Benzo(k)fluoranthene	23.02	252	396	0.01	ng	# 1
38) Benzo(a)pyrene	23.61	252	325	0.01	ng	# 1
39) Dibenzo(a,h)anthracene	26.29	278	313	0.01	ng	# 1
40) Benzo(g,h,i)perylene	27.06	276	373	0.01	ng	# 1

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



#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 7.79 min Scan# 299

Delta R.T. -0.02 min

Lab File: BE091822.D

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SS043MW011-160512

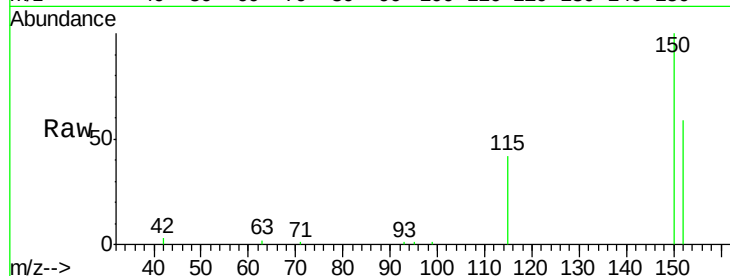
Tgt Ion:152 Resp: 28127

Ion Ratio Lower Upper

152 100

150 169.5 122.6 183.8

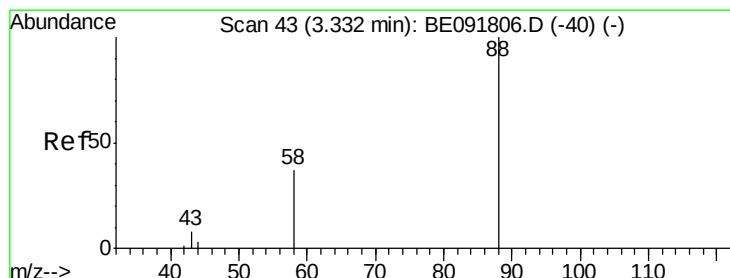
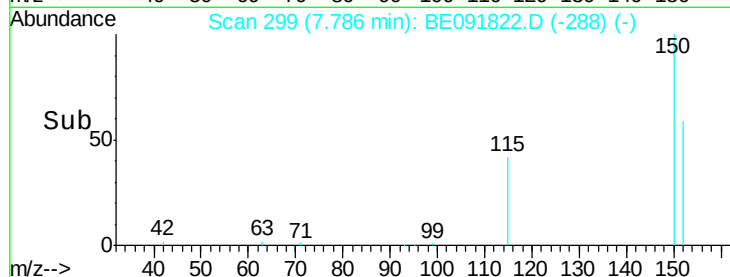
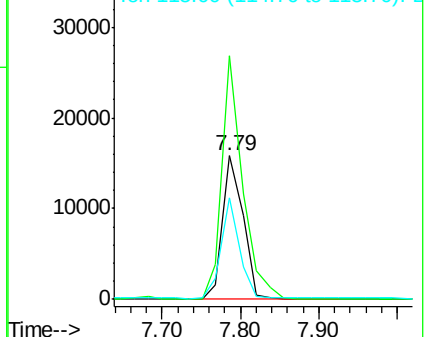
115 71.1 52.8 79.2



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 86.57 ng

RT: 3.33 min Scan# 43

Delta R.T. 0.00 min

Lab File: BE091822.D

Acq: 19 May 2016 22:36

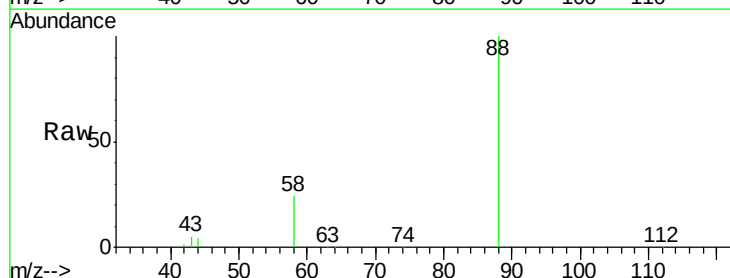
Tgt Ion: 88 Resp: 264016

Ion Ratio Lower Upper

88 100

58 94.4 65.8 98.6

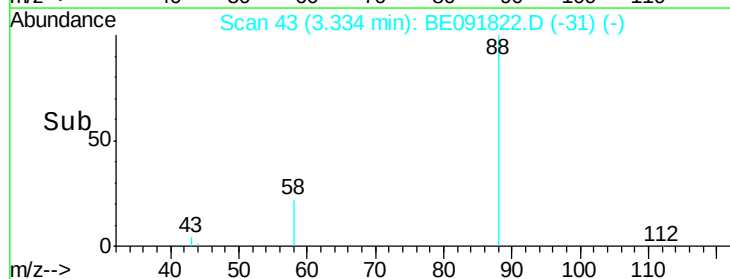
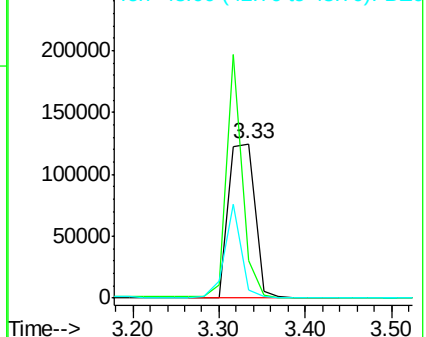
43 37.5 25.3 37.9

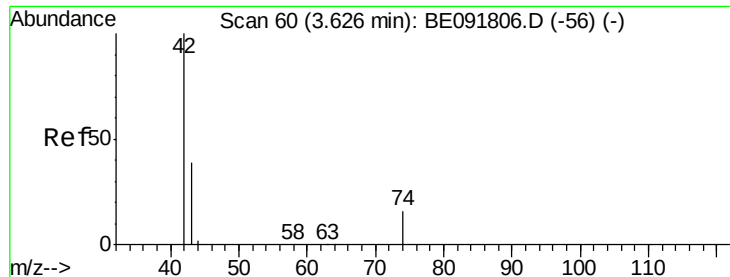


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#3

n-Nitrosodimethylamine

Concen: 0.14 ng

RT: 3.54 min Scan# 55

Delta R.T. -0.08 min

Lab File: BE091822.D

Acq: 19 May 2016 22:36

Instrument :

BNA_E

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SS043MW011-160512

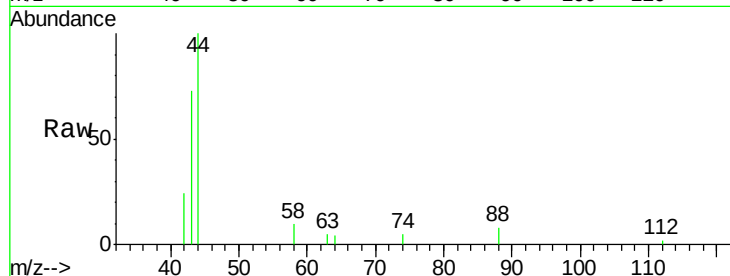
Tgt Ion: 42 Resp: 640

Ion Ratio Lower Upper

42 100

74 4.5 87.9 131.9#

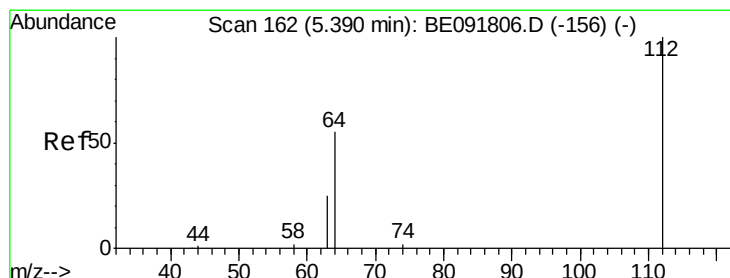
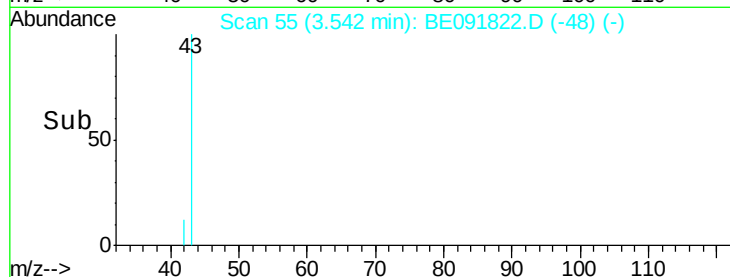
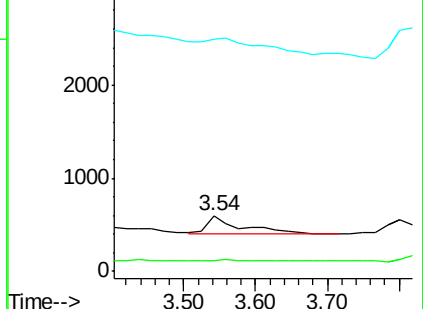
44 0.0 6.6 9.8#



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: 4.30 ng

RT: 5.39 min Scan# 162

Delta R.T. 0.00 min

Lab File: BE091822.D

Acq: 19 May 2016 22:36

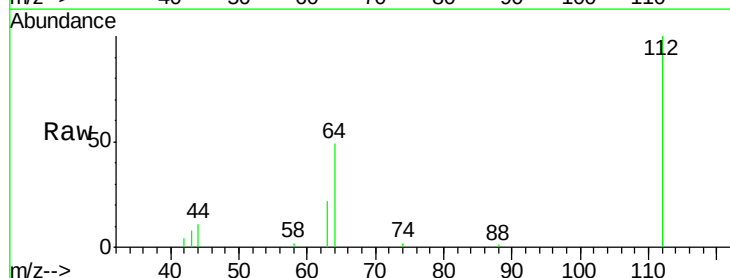
Tgt Ion: 112 Resp: 31627

Ion Ratio Lower Upper

112 100

64 68.0 30.9 46.3#

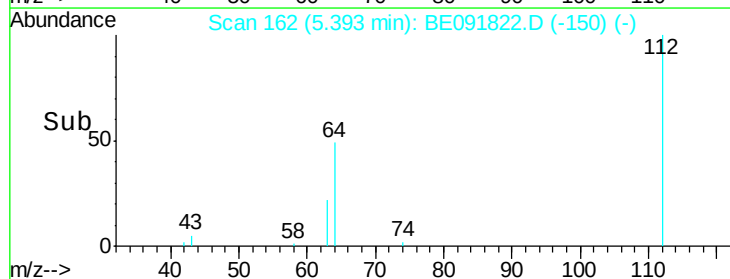
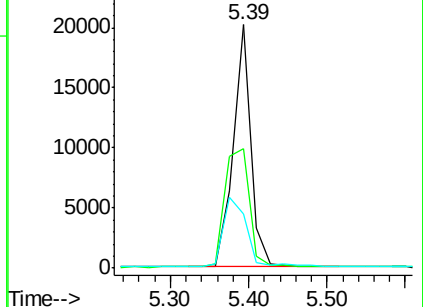
63 37.3 16.7 25.1#

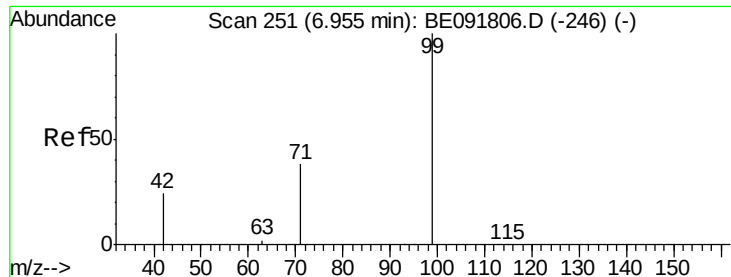


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 3.36 ng

RT: 6.96 min Scan# 251

Delta R.T. 0.00 min

Lab File: BE091822.D

Acq: 19 May 2016 22:36

Instrument :

BNA_E

ClientSampleId :

SS043MW011-160512

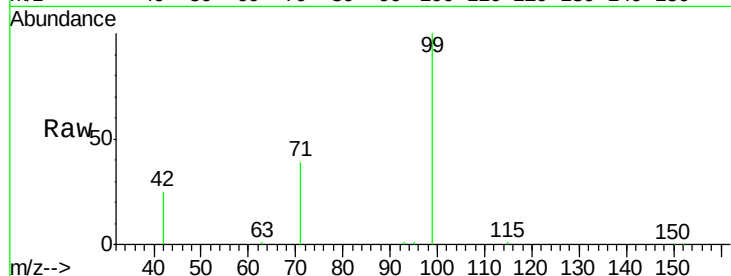
Tgt Ion: 99 Resp: 34776

Ion Ratio Lower Upper

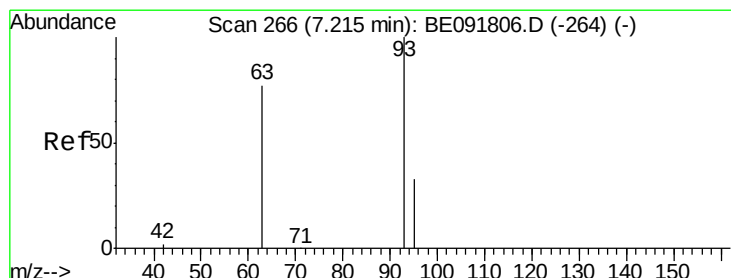
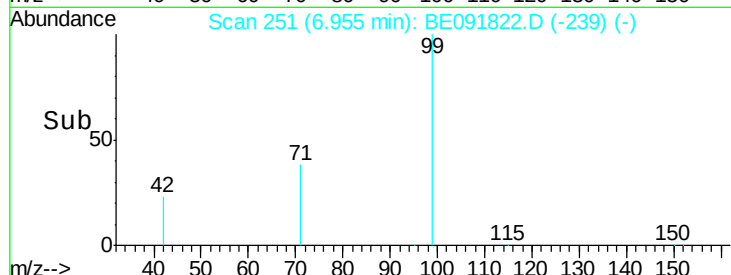
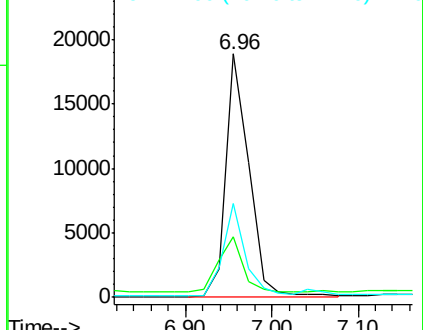
99 100

42 24.4 16.2 24.2#

71 37.3 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: 19.44 ng

RT: 7.21 min Scan# 266

Delta R.T. 0.00 min

Lab File: BE091822.D

Acq: 19 May 2016 22:36

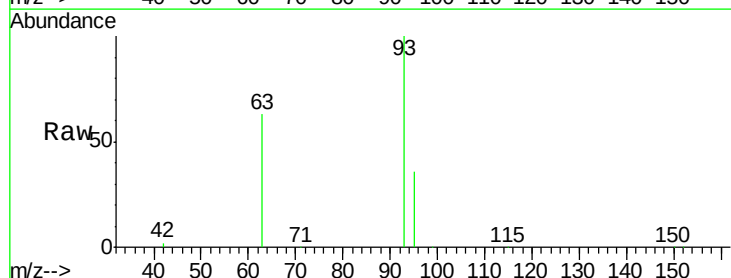
Tgt Ion: 93 Resp: 161495

Ion Ratio Lower Upper

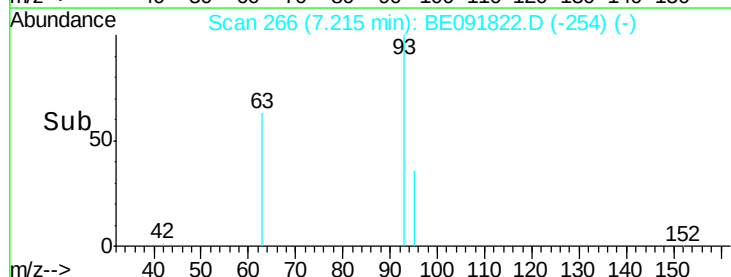
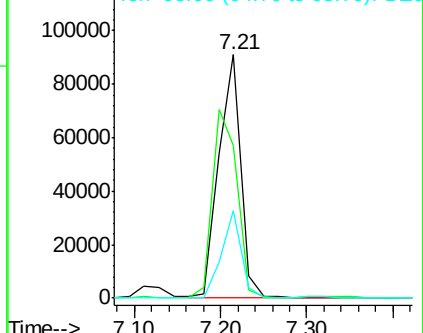
93 100

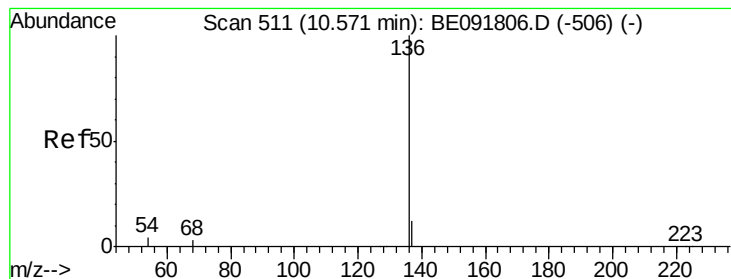
63 86.7 49.5 74.3#

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: 10.55 min Scan# 510

Delta R.T. -0.02 min

Lab File: BE091822.D

Acq: 19 May 2016 22:36

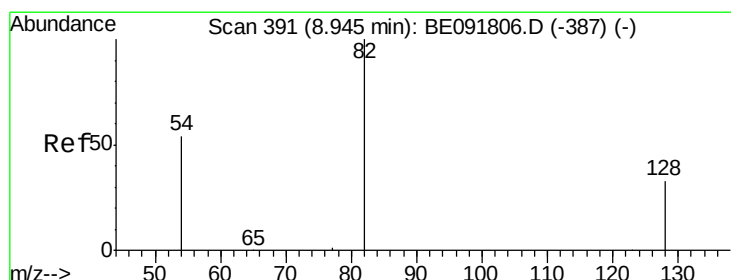
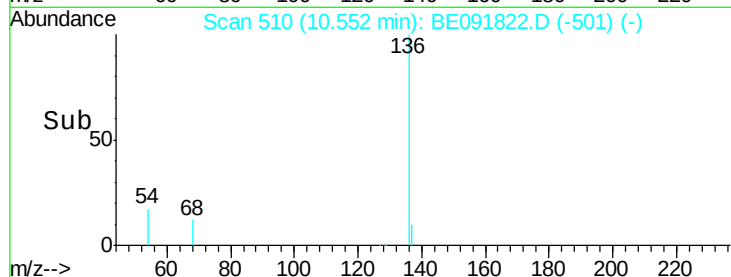
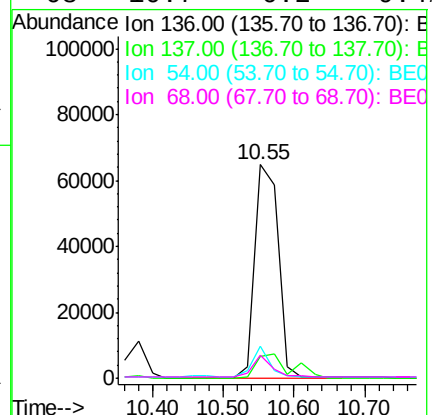
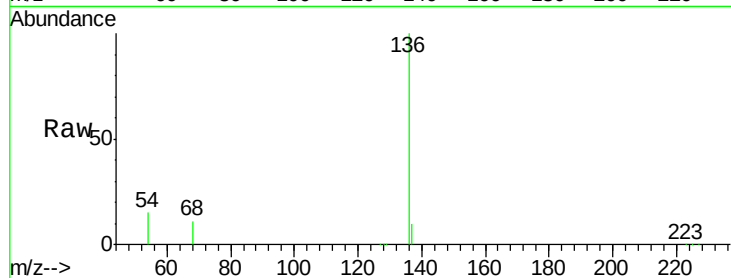
Instrument :

BNA_E

ClientSampleId :

SS043MW011-160512

Tgt Ion:	136	Resp:	150759
Ion	Ratio	Lower	Upper
136	100		
137	9.9	8.9	13.3
54	14.8	8.2	12.4#
68	10.7	6.2	9.4#



#8

Nitrobenzene-d5

Concen: 5.02 ng

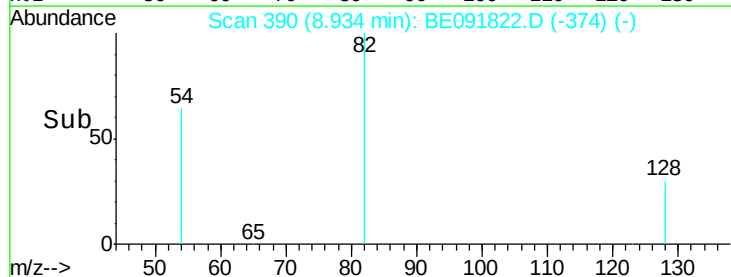
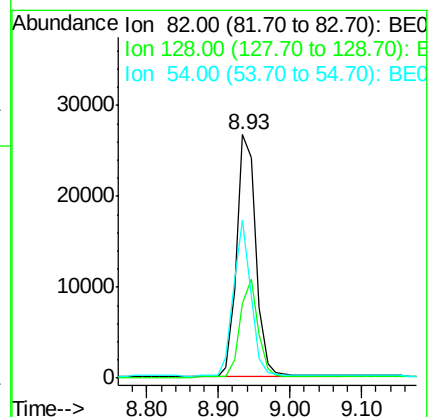
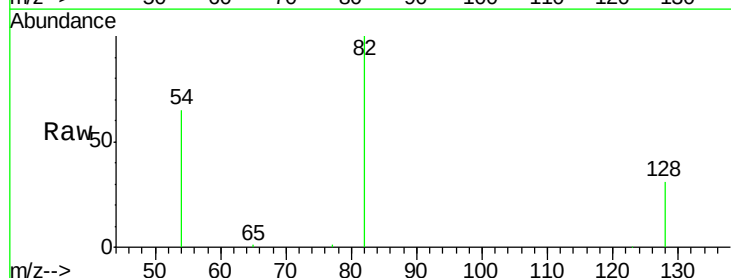
RT: 8.93 min Scan# 390

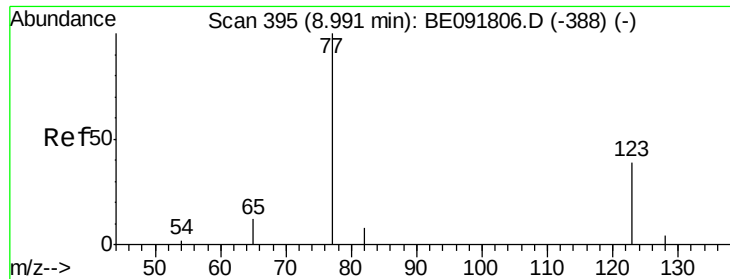
Delta R.T. -0.01 min

Lab File: BE091822.D

Acq: 19 May 2016 22:36

Tgt Ion:	82	Resp:	50166
Ion	Ratio	Lower	Upper
82	100		
128	30.7	25.4	38.0
54	64.8	48.4	72.6





#9

Nitrobenzene

Concen: 0.08 ng

RT: 8.97 min Scan# 393

Delta R.T. -0.02 min

Lab File: BE091822.D

Acq: 19 May 2016 22:36

Instrument :

BNA_E

ClientSampleId :

SS043MW011-160512

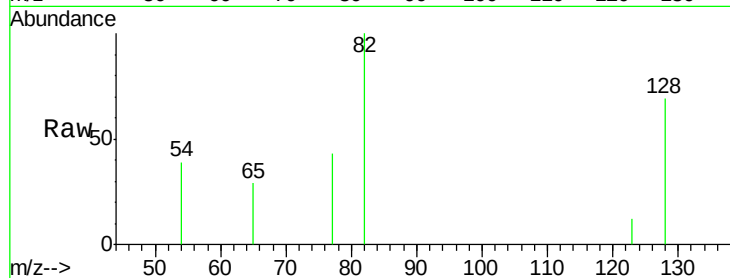
Tgt Ion: 77 Resp: 851

Ion Ratio Lower Upper

77 100

123 27.8 26.9 40.3

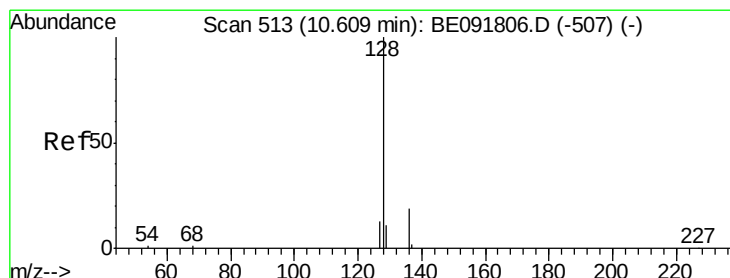
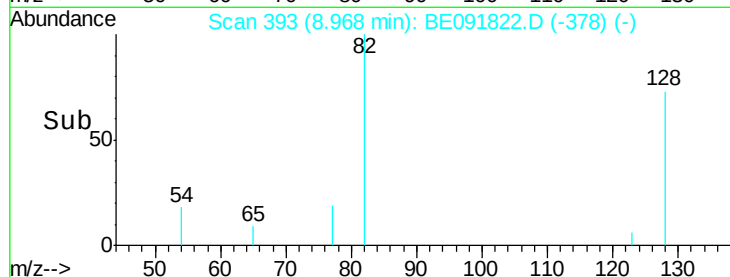
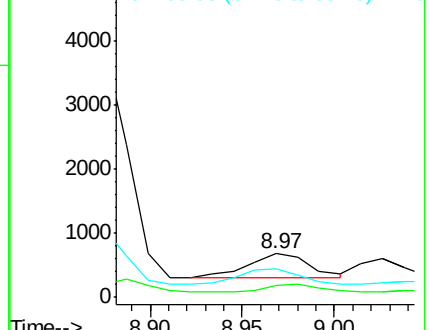
65 71.0 9.4 14.2#



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: 0.17 ng

RT: 10.61 min Scan# 513

Delta R.T. 0.00 min

Lab File: BE091822.D

Acq: 19 May 2016 22:36

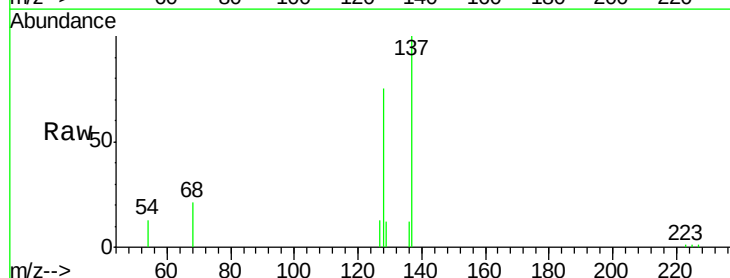
Tgt Ion: 128 Resp: 5760

Ion Ratio Lower Upper

128 100

129 16.3 9.3 13.9#

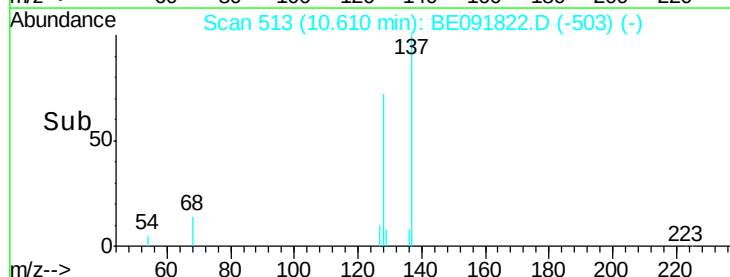
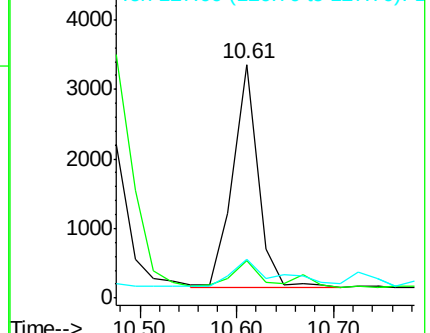
127 16.7 10.7 16.1#

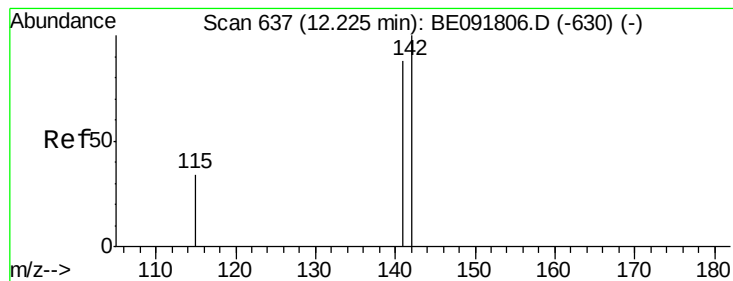


Abundance Ion 128.00 (127.70 to 128.70): BE091806.D (-507) (-)

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

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





#12

2-Methylnaphthalene

Concen: 0.13 ng

RT: 12.23 min Scan# 637

Delta R.T. -0.01 min

Lab File: BE091822.D

Acq: 19 May 2016 22:36

Instrument :

BNA_E

ClientSampleId :

SS043MW011-160512

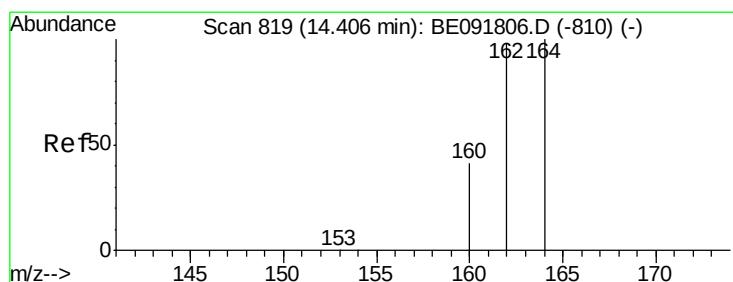
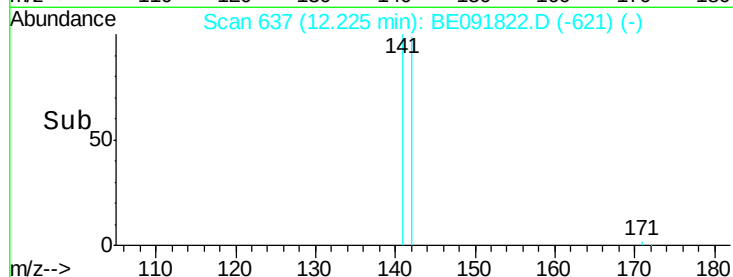
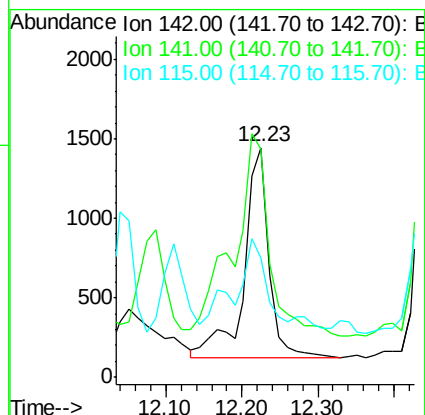
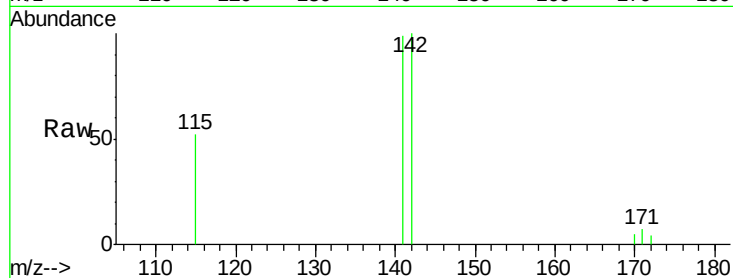
Tgt Ion:142 Resp: 2930

Ion Ratio Lower Upper

142 100

141 99.4 71.4 107.0

115 52.2 30.3 45.5#



#13

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.41 min Scan# 819

Delta R.T. -0.01 min

Lab File: BE091822.D

Acq: 19 May 2016 22:36

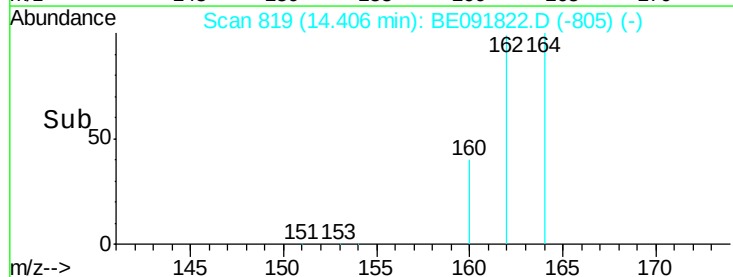
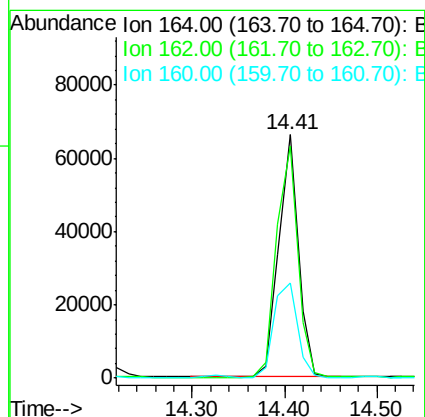
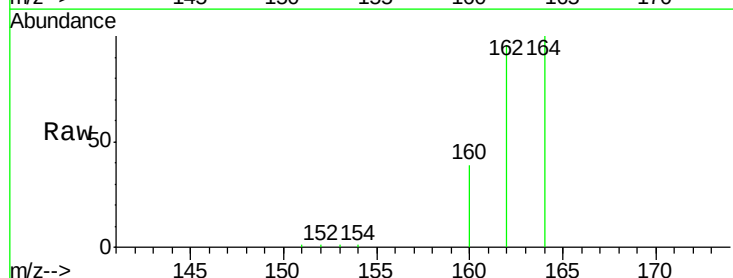
Tgt Ion:164 Resp: 98637

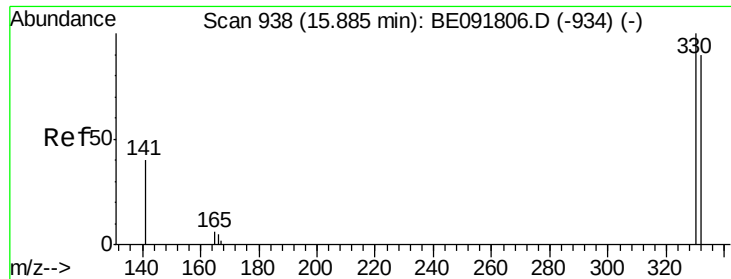
Ion Ratio Lower Upper

164 100

162 95.5 85.3 127.9

160 39.2 46.2 69.2#

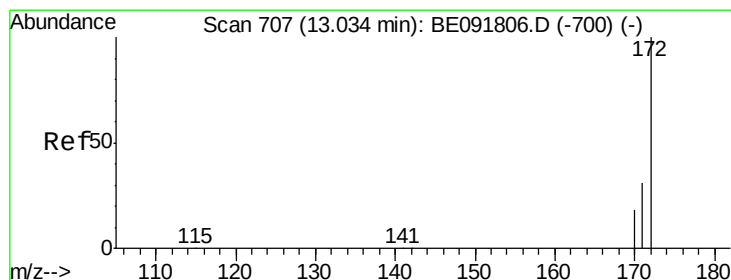
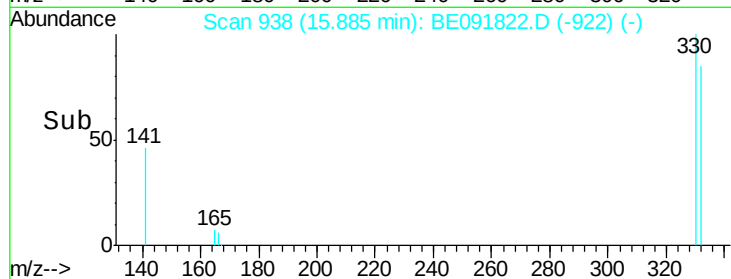
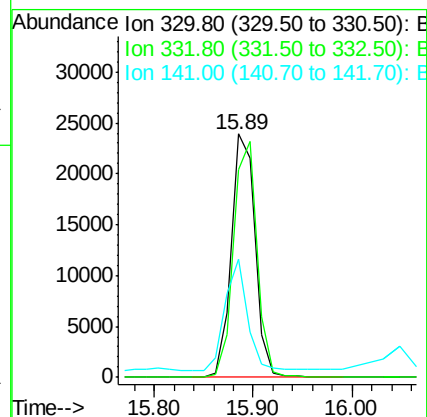
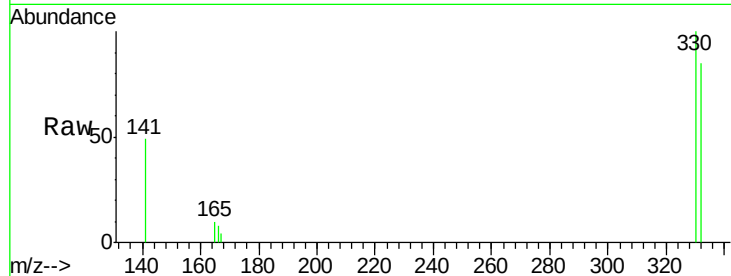




#14
 2,4,6-Tribromophenol
 Concen: 10.31 ng
 RT: 15.89 min Scan# 938
 Delta R.T. -0.01 min
 Lab File: BE091822.D
 Acq: 19 May 2016 22:36

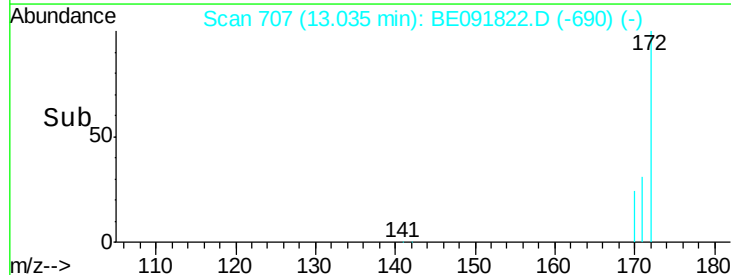
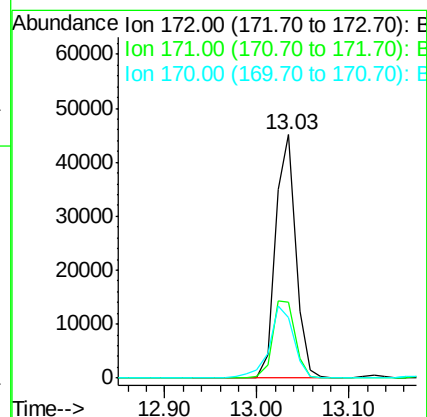
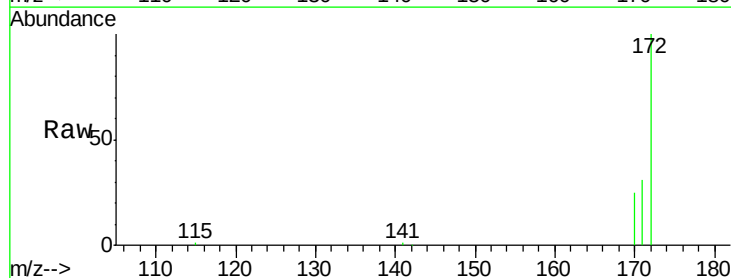
Instrument :
 BNA_E
 ClientSampleId :
 SS043MW011-160512

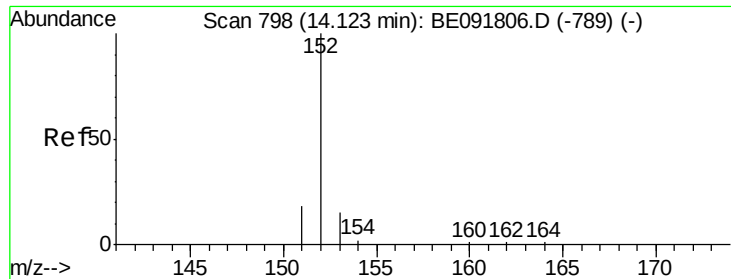
Tgt Ion:330 Resp: 39465
 Ion Ratio Lower Upper
 330 100
 332 95.9 79.1 118.7
 141 43.5 125.4 188.0#



#15
 2-Fluorobiphenyl
 Concen: 2.44 ng
 RT: 13.03 min Scan# 707
 Delta R.T. 0.00 min
 Lab File: BE091822.D
 Acq: 19 May 2016 22:36

Tgt Ion:172 Resp: 68191
 Ion Ratio Lower Upper
 172 100
 171 31.4 28.8 43.2
 170 24.9 19.3 28.9





#16

Acenaphthylene

Concen: 0.07 ng

RT: 14.12 min Scan# 798

Delta R.T. 0.00 min

Lab File: BE091822.D

Acq: 19 May 2016 22:36

Instrument :

BNA_E

ClientSampleId :

SS043MW011-160512

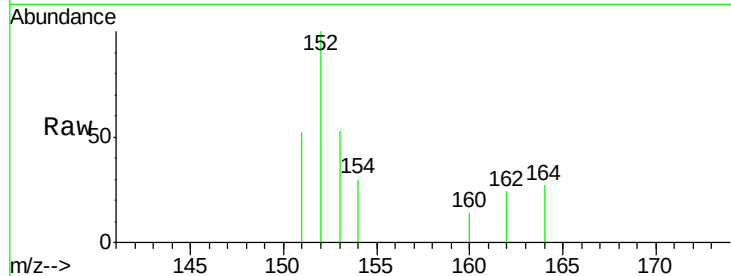
Tgt Ion:152 Resp: 2956

Ion Ratio Lower Upper

152 100

151 17.7 3.9 5.9#

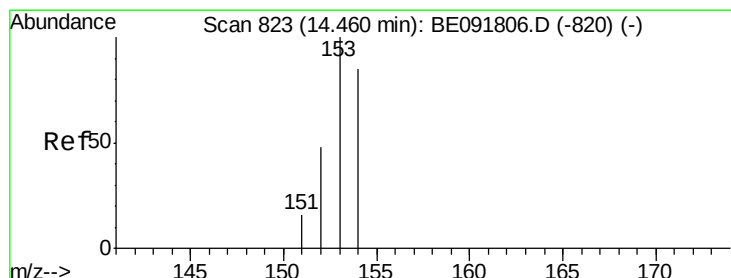
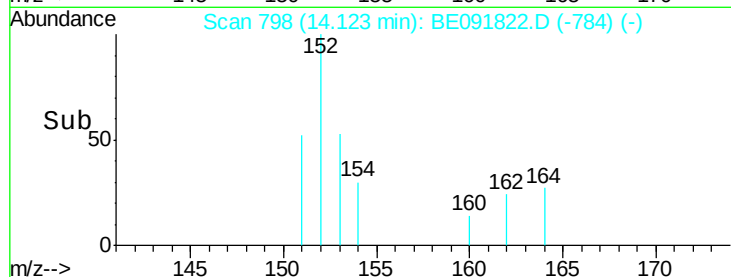
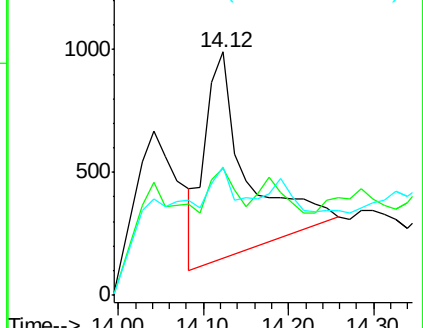
153 133.7 10.3 15.5#



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#17

Acenaphthene

Concen: 1.54 ng

RT: 14.46 min Scan# 823

Delta R.T. -0.01 min

Lab File: BE091822.D

Acq: 19 May 2016 22:36

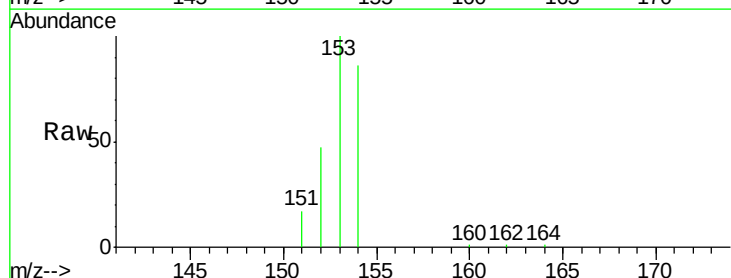
Tgt Ion:154 Resp: 40748

Ion Ratio Lower Upper

154 100

153 113.3 80.0 120.0

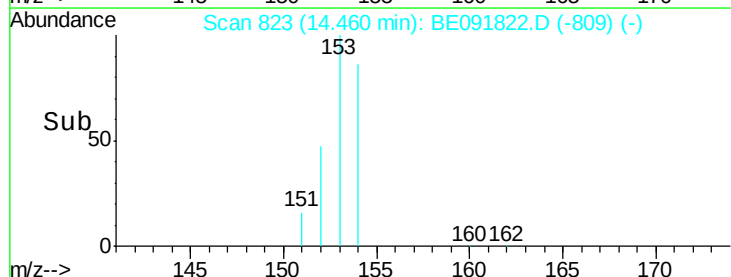
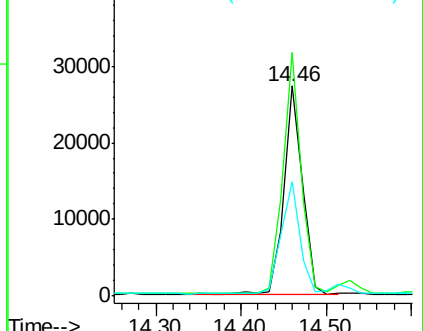
152 54.8 40.0 60.0

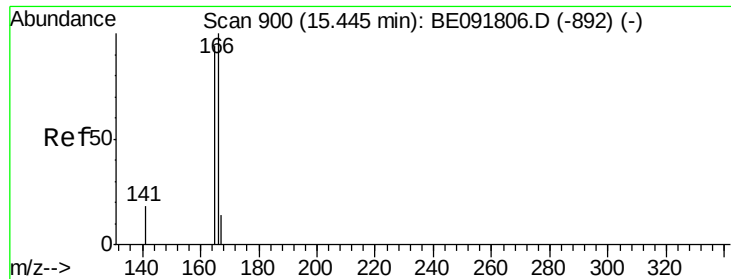


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#18

Fluorene

Concen: 0.92 ng

RT: 15.45 min Scan# 900

Delta R.T. -0.01 min

Lab File: BE091822.D

Acq: 19 May 2016 22:36

Instrument :

BNA_E

ClientSampleId :

SS043MW011-160512

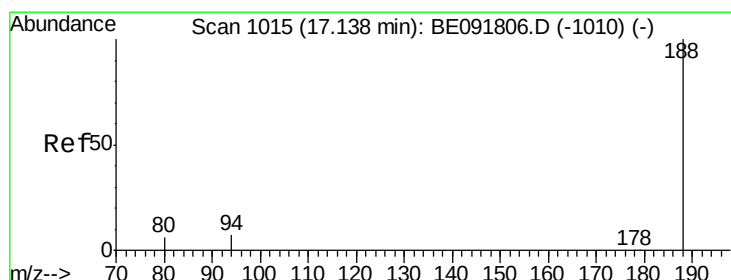
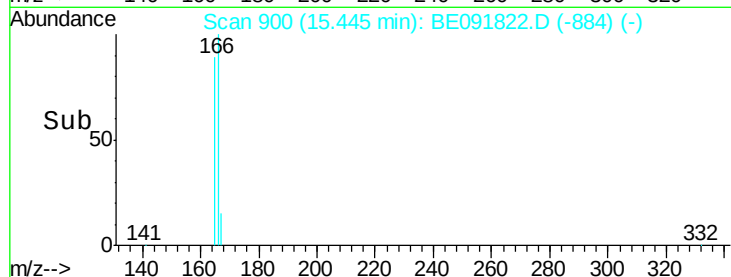
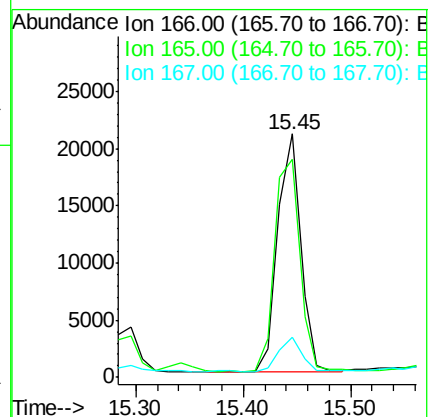
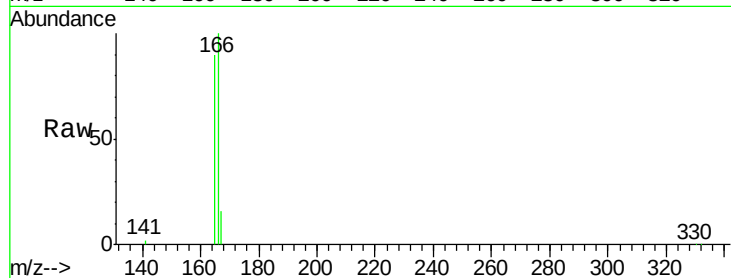
Tgt Ion:166 Resp: 31528

Ion Ratio Lower Upper

166 100

165 97.5 80.8 121.2

167 14.7 10.9 16.3



#19

Phenanthrene-d10

Concen: 5.00 ng

RT: 17.14 min Scan# 1014

Delta R.T. -0.01 min

Lab File: BE091822.D

Acq: 19 May 2016 22:36

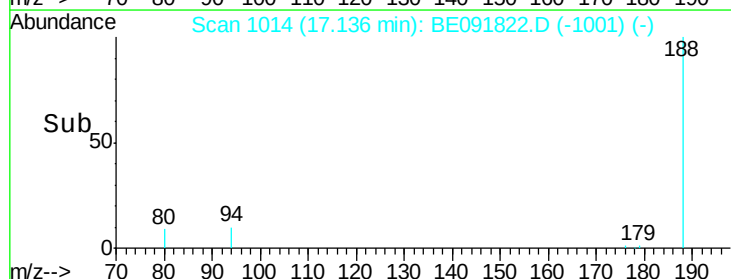
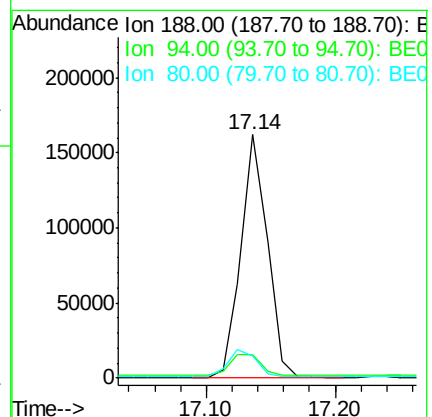
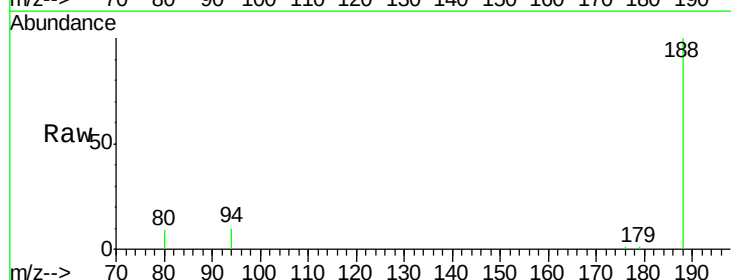
Tgt Ion:188 Resp: 230268

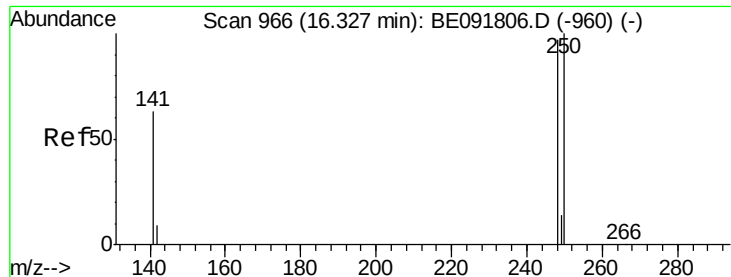
Ion Ratio Lower Upper

188 100

94 9.8 8.7 13.1

80 9.0 9.4 14.0#

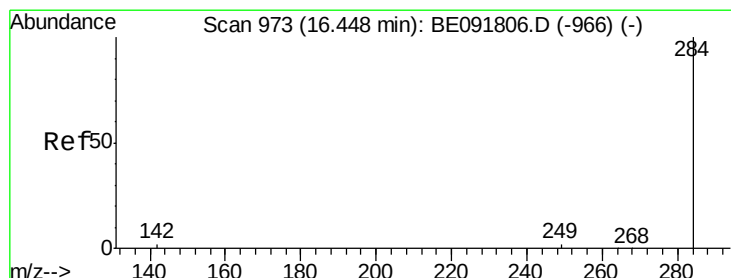
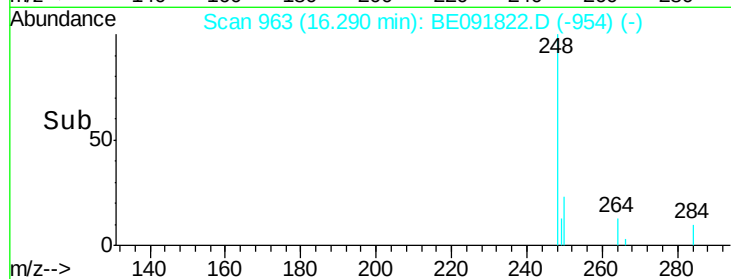
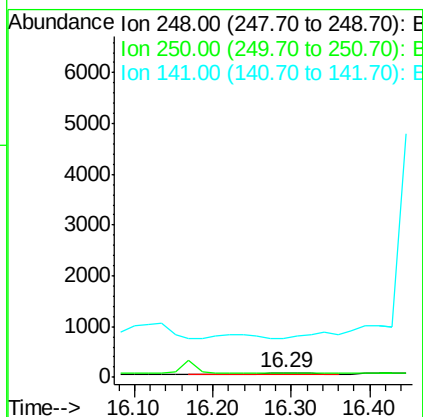
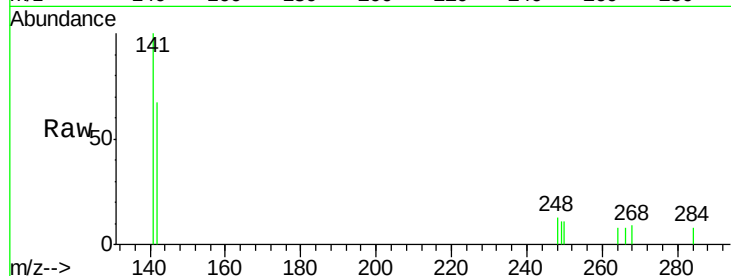




#20
4-Bromophenyl-phenylether
Concen: 0.01 ng
RT: 16.29 min Scan# 963
Delta R.T. -0.04 min
Lab File: BE091822.D
Acq: 19 May 2016 22:36

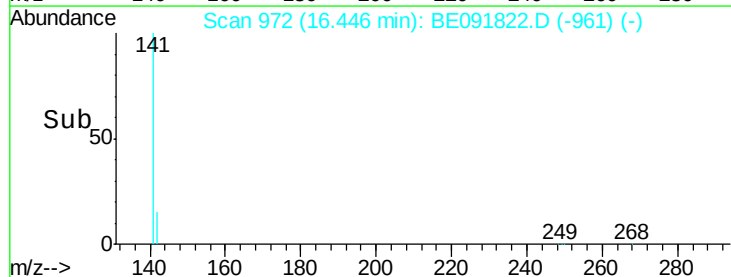
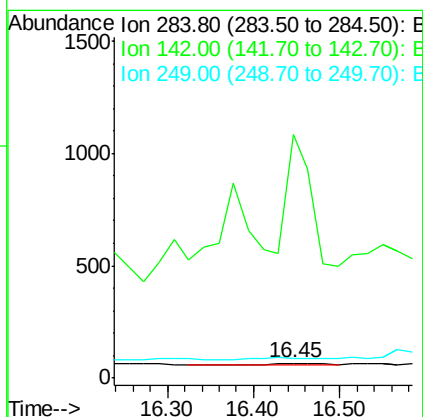
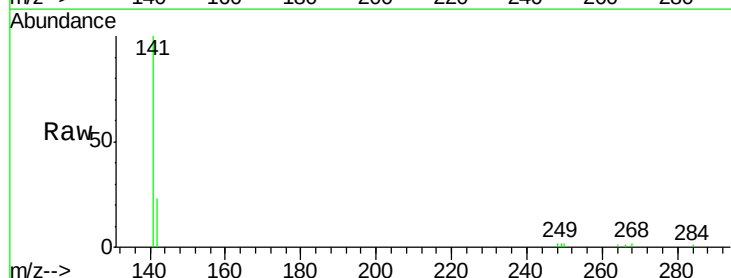
Instrument :
BNA_E
ClientSampleId :
SS043MW011-160512

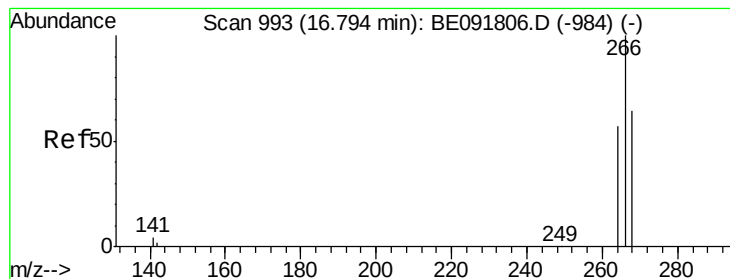
Tgt Ion:248 Resp: 104
Ion Ratio Lower Upper
248 100
250 31.7 80.5 120.7#
141 0.0 72.0 108.0#



#21
Hexachlorobenzene
Concen: 0.00 ng
RT: 16.45 min Scan# 972
Delta R.T. -0.00 min
Lab File: BE091822.D
Acq: 19 May 2016 22:36

Tgt Ion:284 Resp: 21
Ion Ratio Lower Upper
284 100
142 5152.4 32.2 48.2#
249 0.0 25.4 38.2#





#22

Pentachlorophenol

Concen: 0.03 ng

RT: 16.79 min Scan# 992

Delta R.T. -0.00 min

Lab File: BE091822.D

Acq: 19 May 2016 22:36

Instrument :

BNA_E

ClientSampleId :

SS043MW011-160512

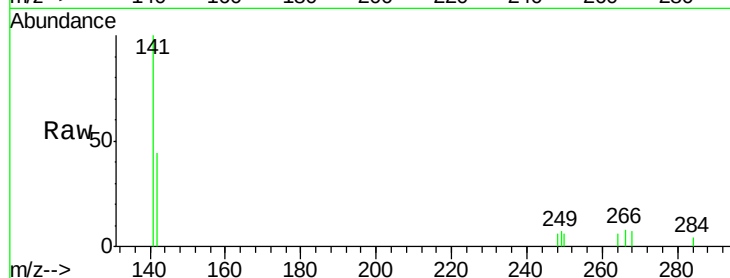
Tgt Ion:266 Resp: 94

Ion Ratio Lower Upper

266 100

268 88.1 58.2 87.2#

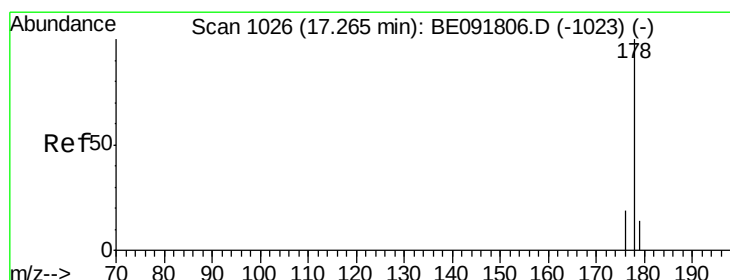
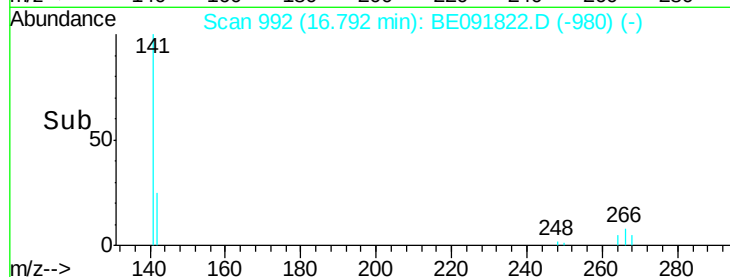
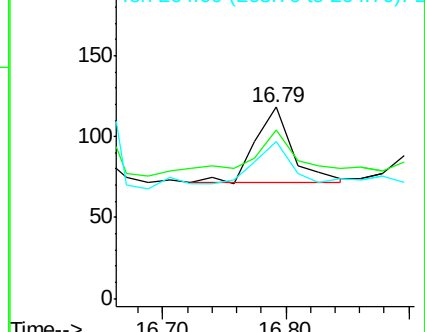
264 82.2 56.2 84.4



Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#23

Phenanthrene

Concen: 0.29 ng

RT: 17.17 min Scan# 1017

Delta R.T. -0.01 min

Lab File: BE091822.D

Acq: 19 May 2016 22:36

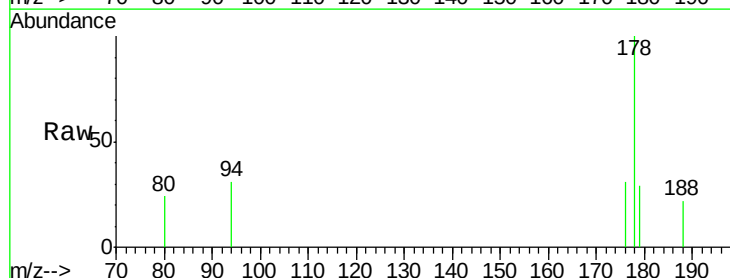
Tgt Ion:178 Resp: 17323

Ion Ratio Lower Upper

178 100

176 18.4 15.3 22.9

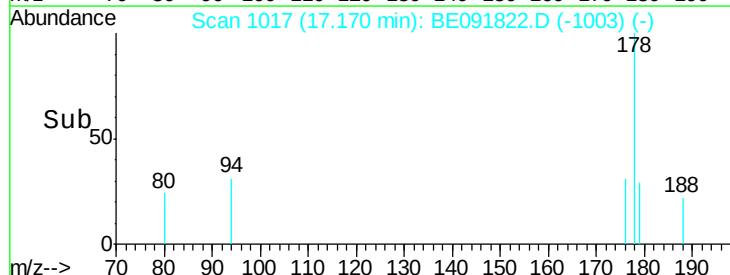
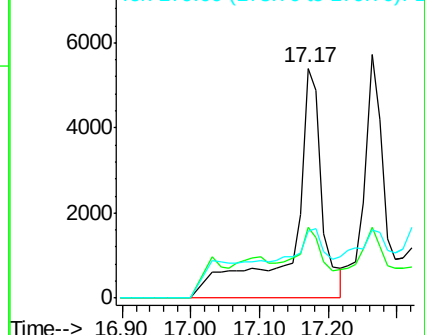
179 6.5 12.6 18.8#

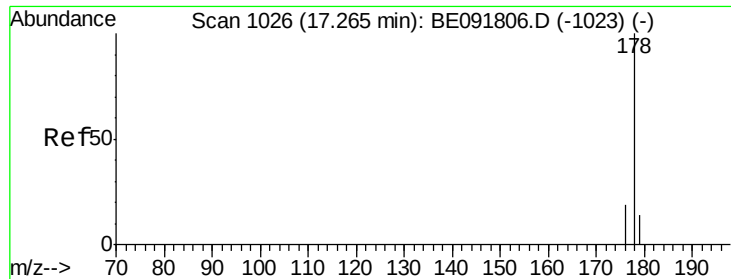


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#24

Anthracene

Concen: 0.16 ng

RT: 17.26 min Scan# 1025

Delta R.T. -0.01 min

Lab File: BE091822.D

Acq: 19 May 2016 22:36

Instrument :

BNA_E

ClientSampleId :

SS043MW011-160512

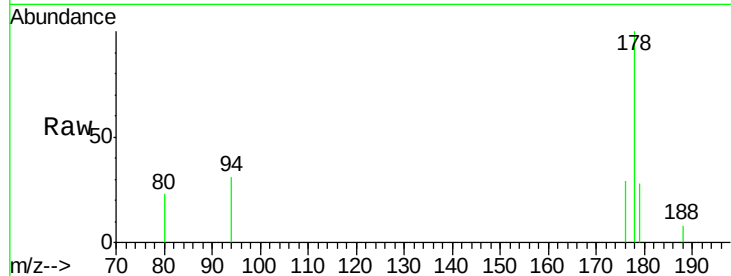
Tgt Ion:178 Resp: 7941

Ion Ratio Lower Upper

178 100

176 21.0 14.6 21.8

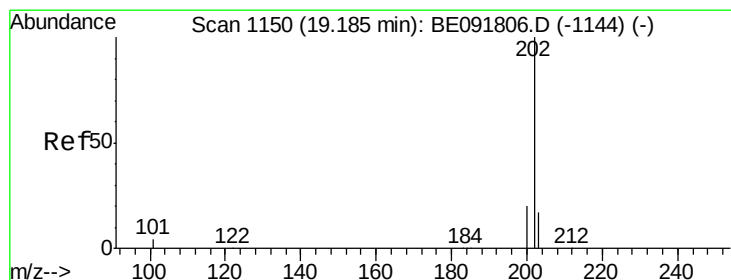
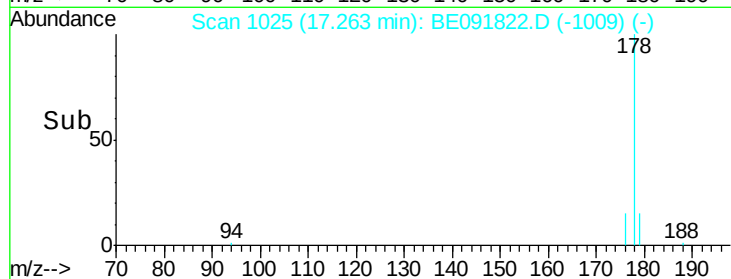
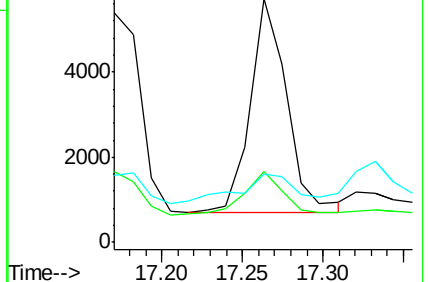
179 20.9 11.8 17.6#



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: 0.18 ng

RT: 19.19 min Scan# 1149

Delta R.T. -0.00 min

Lab File: BE091822.D

Acq: 19 May 2016 22:36

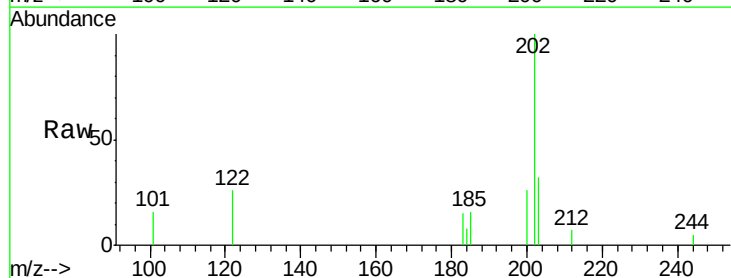
Tgt Ion:202 Resp: 11181

Ion Ratio Lower Upper

202 100

101 0.0 11.0 16.6#

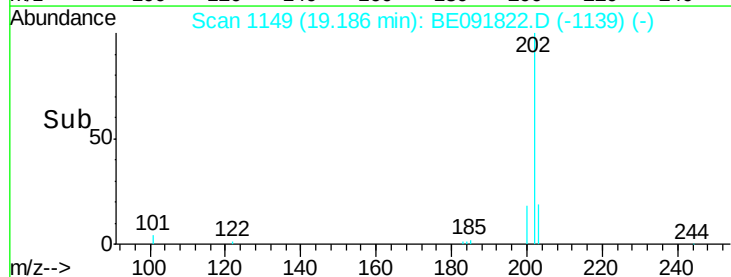
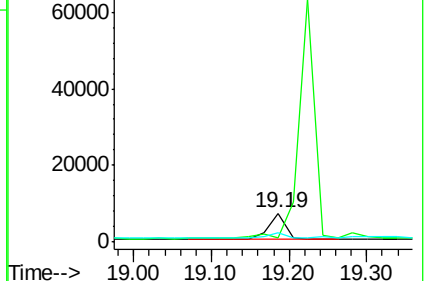
203 22.1 13.9 20.9#

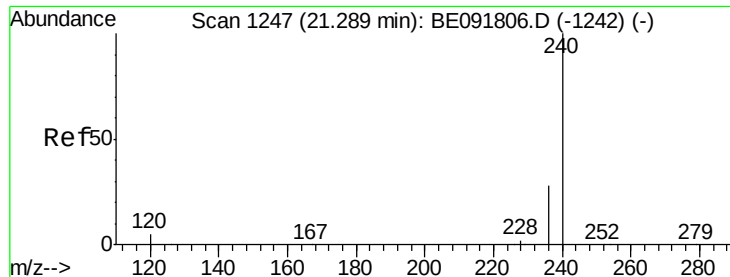


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

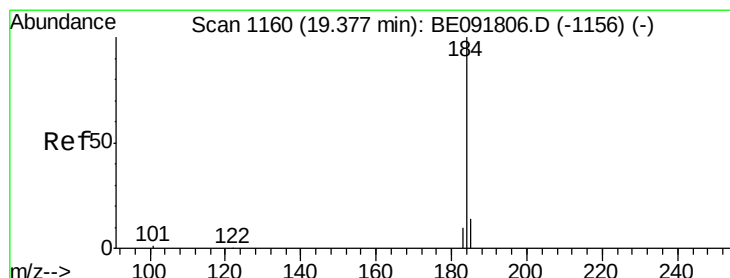
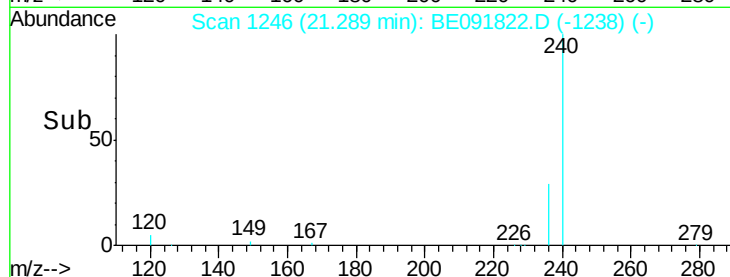
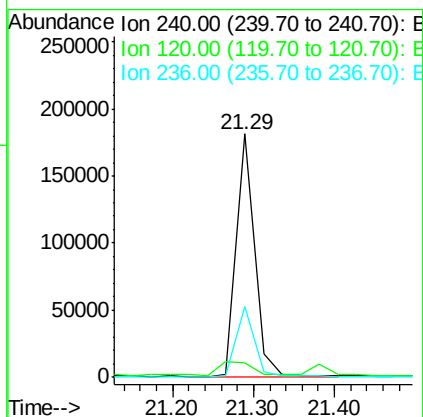
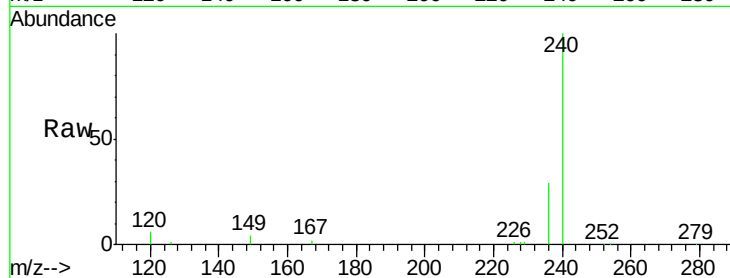




#26
Chrysene-d12
Concen: 5.00 ng
RT: 21.29 min Scan# 1246
Delta R.T. -0.02 min
Lab File: BE091822.D
Acq: 19 May 2016 22:36

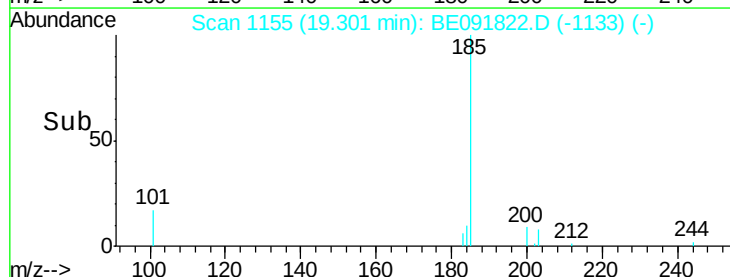
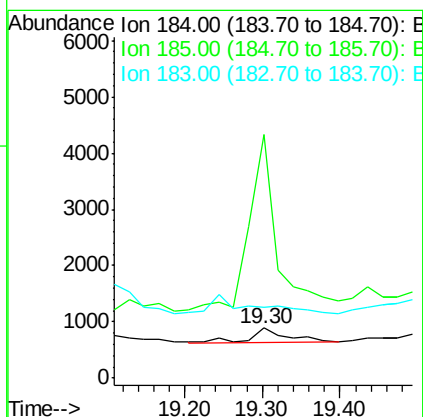
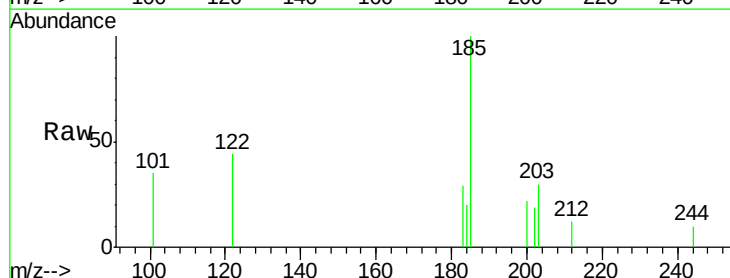
Instrument :
BNA_E
ClientSampleId :
SS043MW011-160512

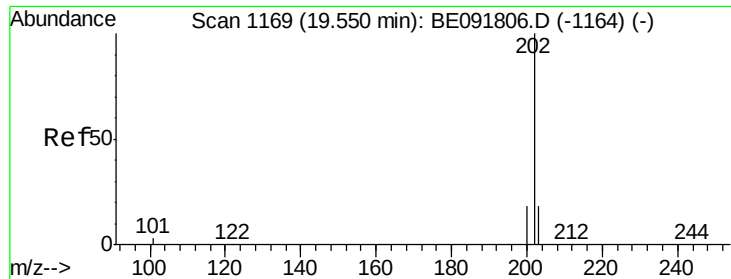
Tgt Ion: 240 Resp: 278489
Ion Ratio Lower Upper
240 100
120 5.9 11.0 16.4#
236 29.0 21.7 32.5



#27
Benzidine
Concen: 0.01 ng
RT: 19.30 min Scan# 1155
Delta R.T. -0.08 min
Lab File: BE091822.D
Acq: 19 May 2016 22:36

Tgt Ion: 184 Resp: 843
Ion Ratio Lower Upper
184 100
185 489.7 22.3 33.5#
183 142.2 16.4 24.6#

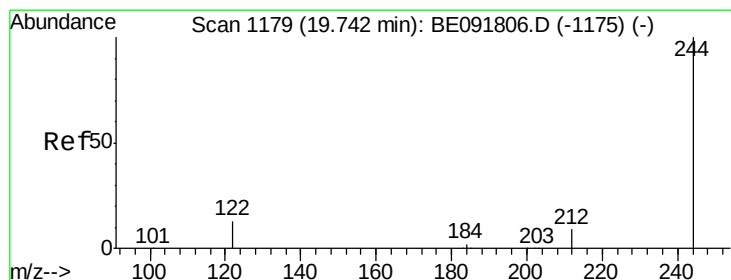
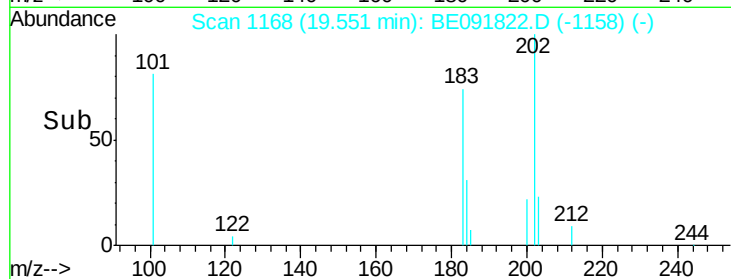
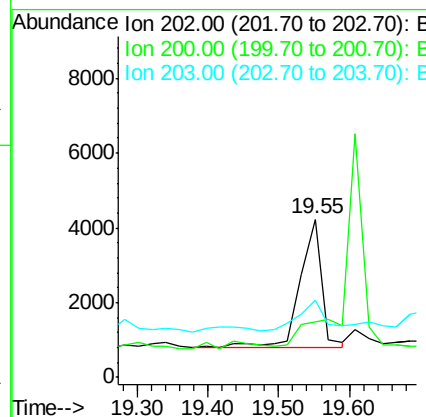
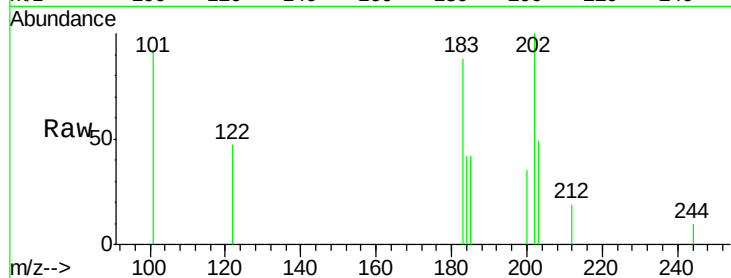




#28
 Pyrene
 Concen: 0.12 ng
 RT: 19.55 min Scan# 1168
 Delta R.T. -0.00 min
 Lab File: BE091822.D
 Acq: 19 May 2016 22:36

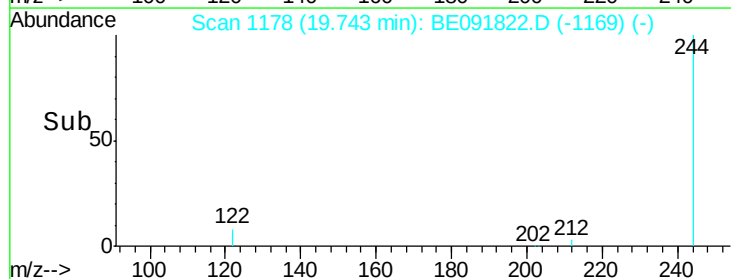
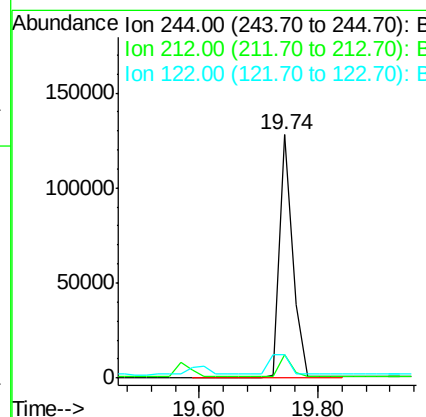
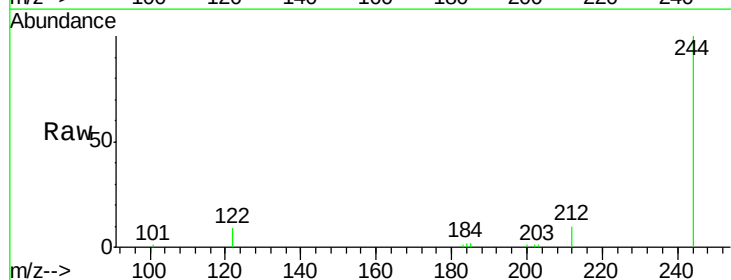
Instrument :
 BNA_E
 ClientSampleId :
 SS043MW011-160512

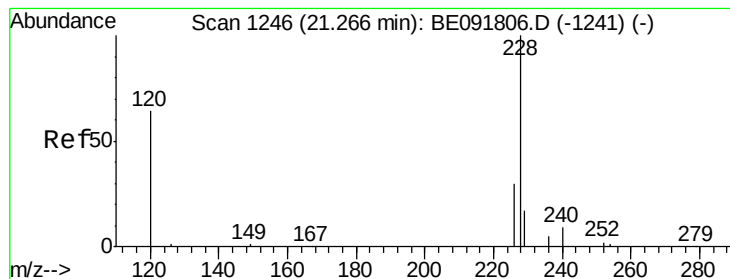
Tgt Ion: 202 Resp: 7524
 Ion Ratio Lower Upper
 202 100
 200 0.0 16.8 25.2#
 203 27.1 14.0 21.0#



#29
 Terphenyl-d14
 Concen: 4.94 ng
 RT: 19.74 min Scan# 1178
 Delta R.T. -0.02 min
 Lab File: BE091822.D
 Acq: 19 May 2016 22:36

Tgt Ion: 244 Resp: 194593
 Ion Ratio Lower Upper
 244 100
 212 9.7 6.9 10.3
 122 9.5 11.0 16.4#

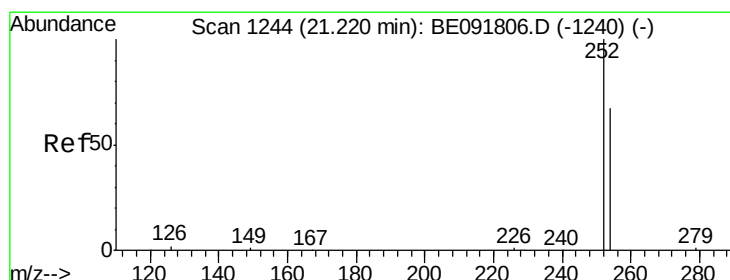
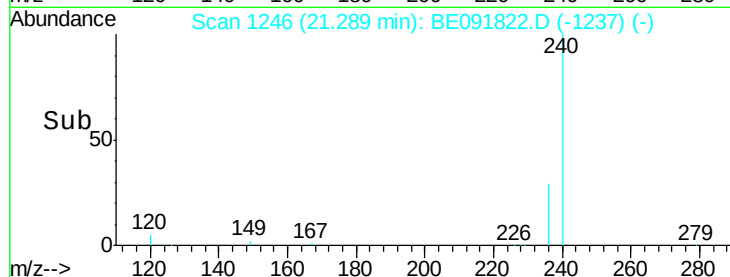
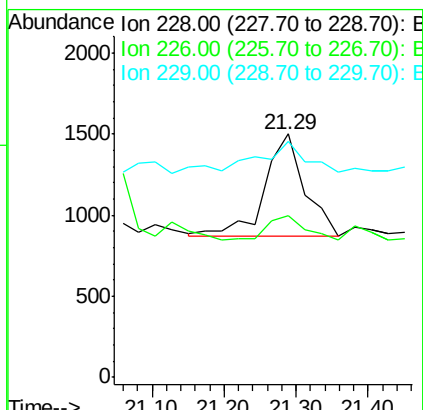
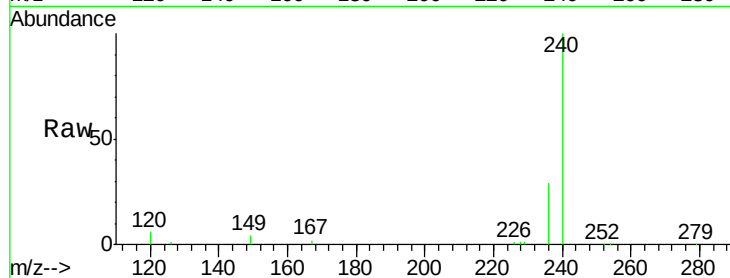




#30
Benzo(a)anthracene
Concen: 0.04 ng
RT: 21.29 min Scan# 1246
Delta R.T. 0.00 min
Lab File: BE091822.D
Acq: 19 May 2016 22:36

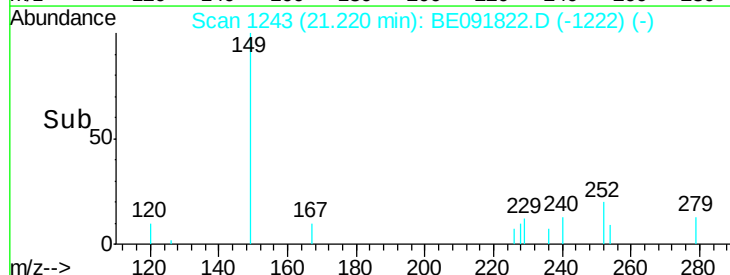
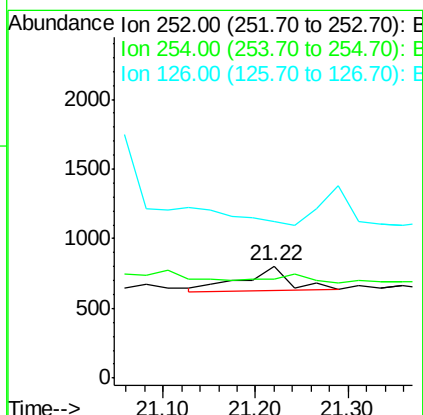
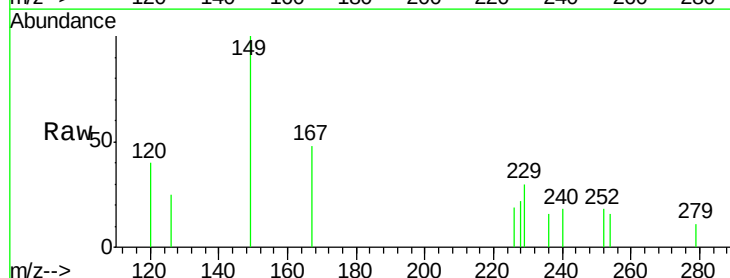
Instrument :
BNA_E
ClientSampleId :
SS043MW011-160512

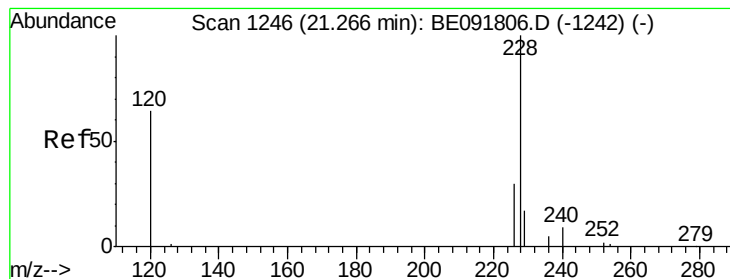
Tgt Ion:228 Resp: 2451
Ion Ratio Lower Upper
228 100
226 66.6 21.0 31.4#
229 96.7 15.7 23.5#



#31
3,3'-Dichlorobenzidine
Concen: 0.01 ng
RT: 21.22 min Scan# 1243
Delta R.T. -0.02 min
Lab File: BE091822.D
Acq: 19 May 2016 22:36

Tgt Ion:252 Resp: 628
Ion Ratio Lower Upper
252 100
254 88.0 51.1 76.7#
126 139.6 12.6 18.8#





#32

Chrysene

Concen: 0.08 ng

RT: 21.29 min Scan# 1246

Delta R.T. -0.04 min

Lab File: BE091822.D

Acq: 19 May 2016 22:36

Instrument :

BNA_E

ClientSampleId :

SS043MW011-160512

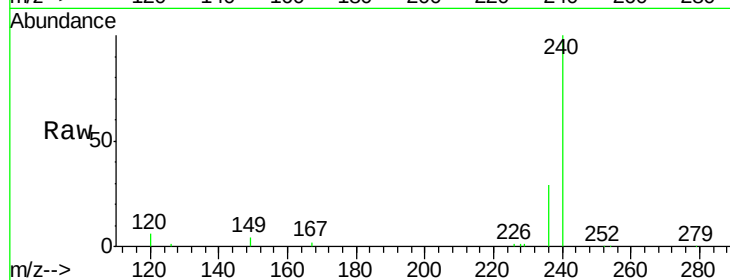
Tgt Ion:228 Resp: 2357

Ion Ratio Lower Upper

228 100

226 66.6 24.0 36.0#

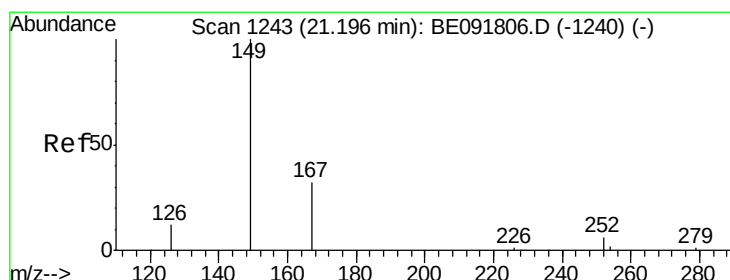
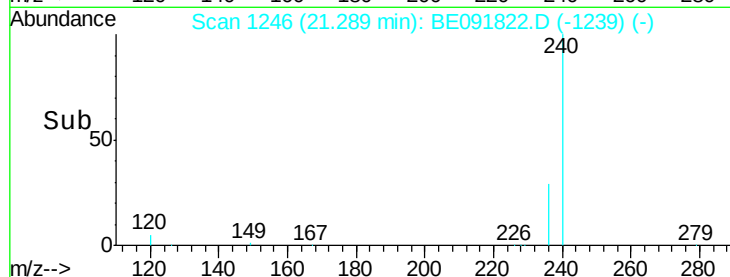
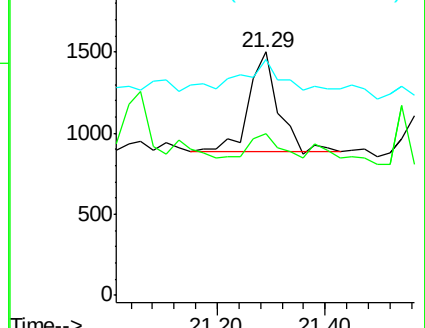
229 96.7 15.9 23.9#



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#33

Bis(2-ethylhexyl)phthalate

Concen: 0.47 ng

RT: 21.20 min Scan# 1242

Delta R.T. -0.02 min

Lab File: BE091822.D

Acq: 19 May 2016 22:36

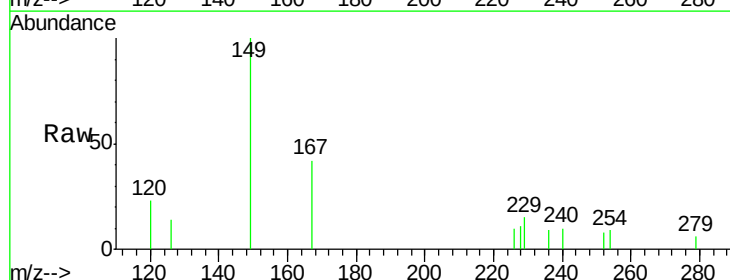
Tgt Ion:149 Resp: 9168

Ion Ratio Lower Upper

149 100

167 33.7 19.5 29.3#

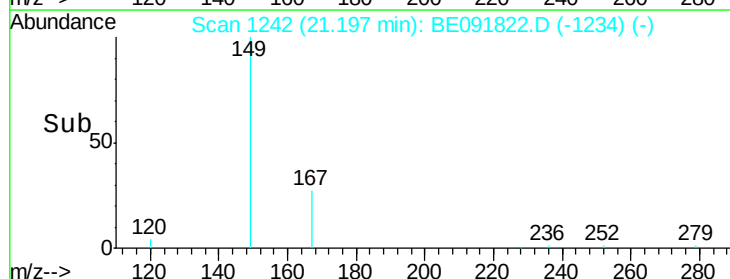
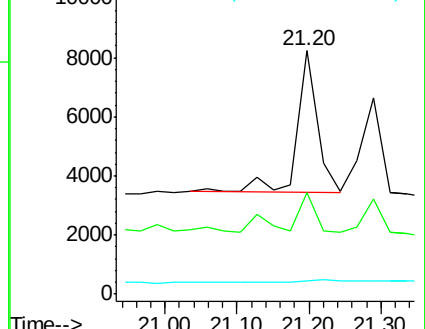
279 0.0 10.0 15.0#

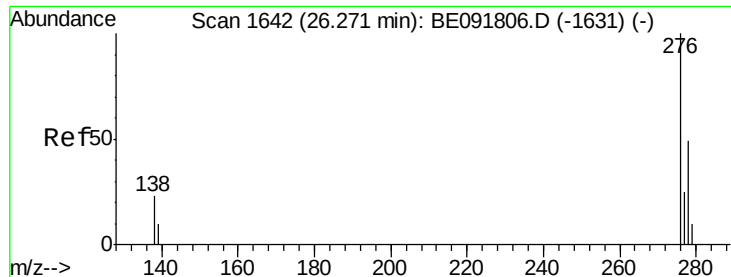


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

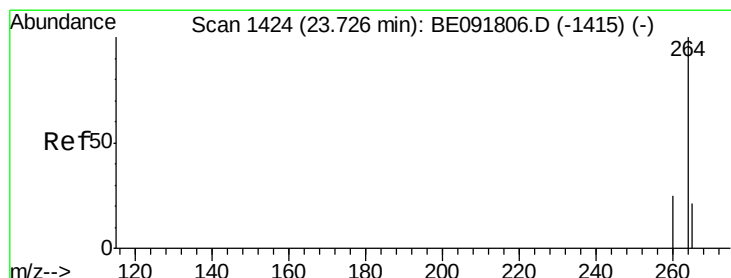
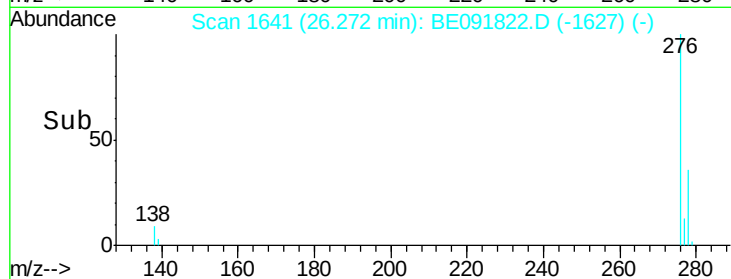
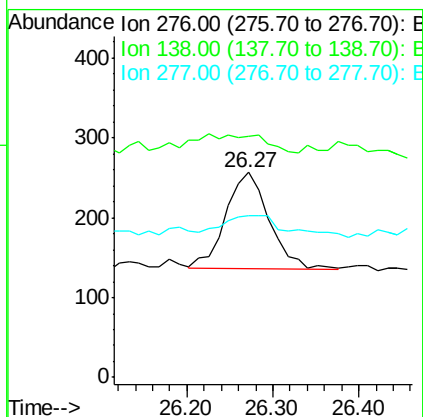
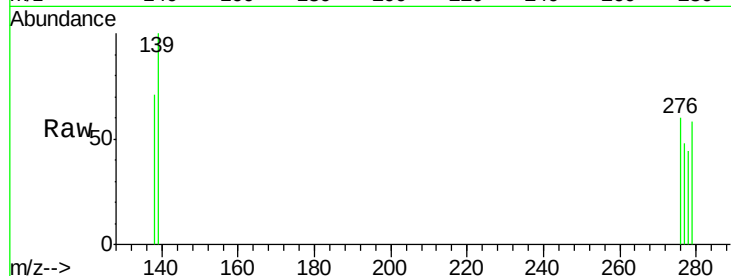




#34
Indeno(1,2,3-cd)pyrene
Concen: 0.01 ng
RT: 26.27 min Scan# 1641
Delta R.T. -0.03 min
Lab File: BE091822.D
Acq: 19 May 2016 22:36

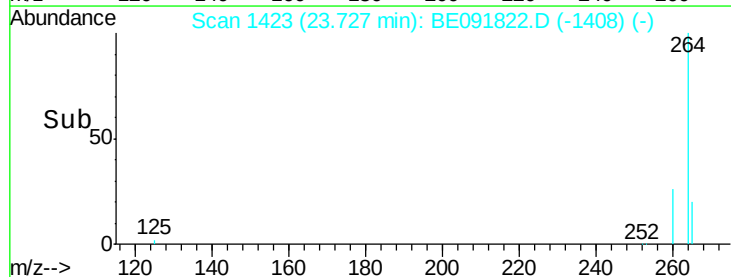
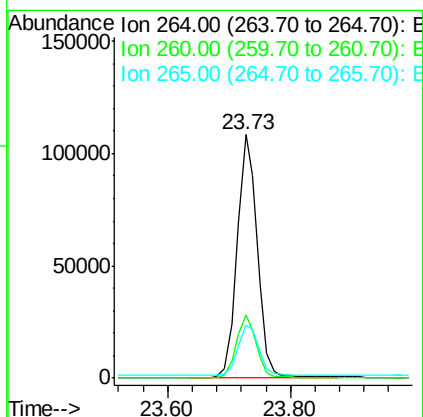
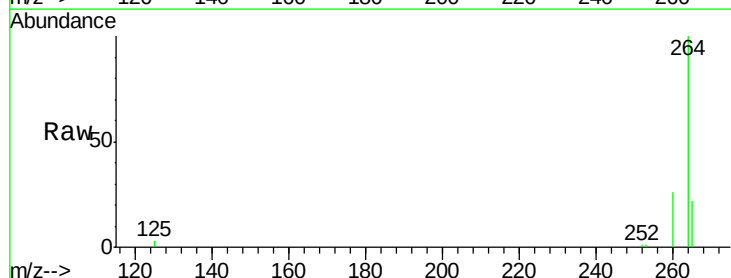
Instrument :
BNA_E
ClientSampleId :
SS043MW011-160512

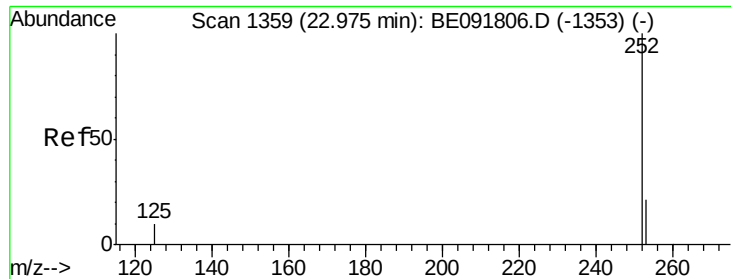
Tgt Ion: 276 Resp: 424
Ion Ratio Lower Upper
276 100
138 0.0 23.4 35.2#
277 32.3 19.8 29.8#



#35
Perylene-d12
Concen: 5.00 ng
RT: 23.73 min Scan# 1423
Delta R.T. -0.02 min
Lab File: BE091822.D
Acq: 19 May 2016 22:36

Tgt Ion: 264 Resp: 246614
Ion Ratio Lower Upper
264 100
260 25.7 20.0 30.0
265 21.7 17.5 26.3





#36

Benzo(b)fluoranthene

Concen: 0.01 ng

RT: 22.98 min Scan# 1358

Delta R.T. -0.02 min

Lab File: BE091822.D

Acq: 19 May 2016 22:36

Instrument :

BNA_E

ClientSampleId :

SS043MW011-160512

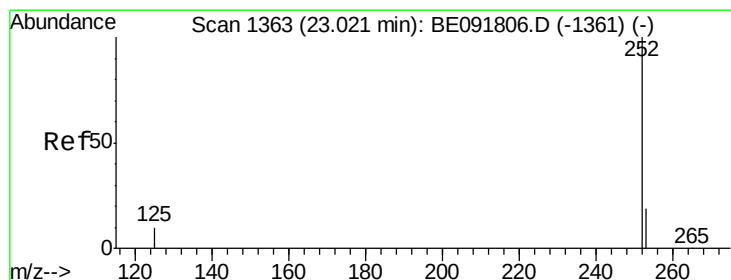
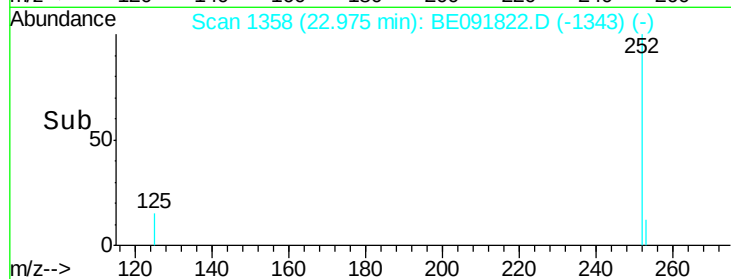
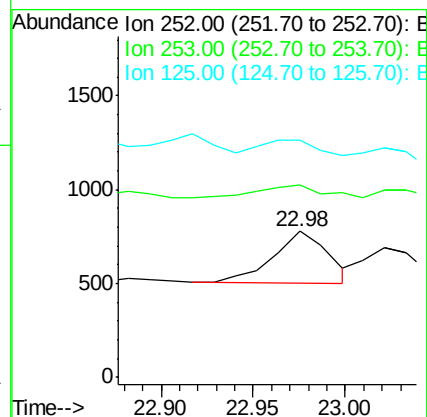
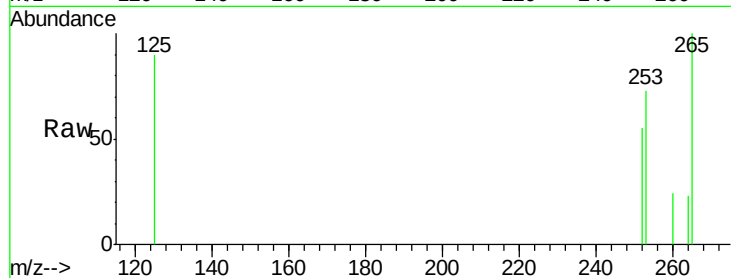
Tgt Ion:252 Resp: 569

Ion Ratio Lower Upper

252 100

253 131.6 17.4 26.0#

125 162.1 10.2 15.2#



#37

Benzo(k)fluoranthene

Concen: 0.01 ng

RT: 23.02 min Scan# 1362

Delta R.T. -0.02 min

Lab File: BE091822.D

Acq: 19 May 2016 22:36

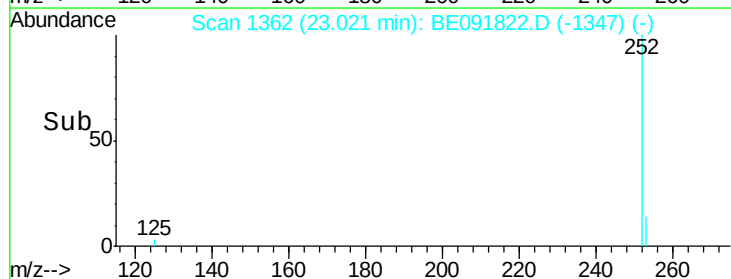
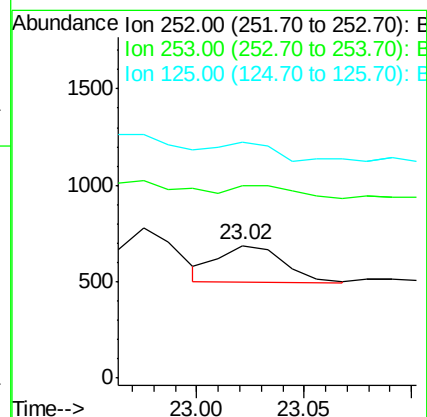
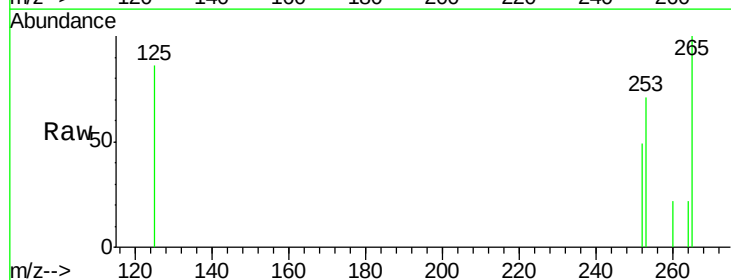
Tgt Ion:252 Resp: 396

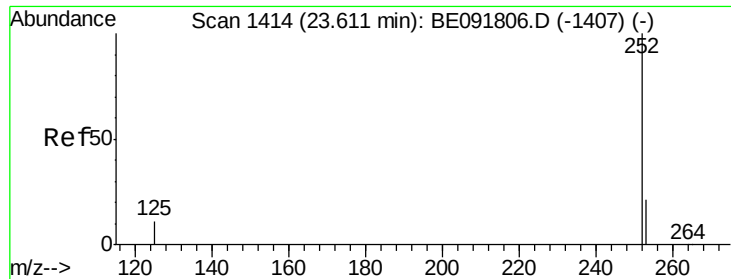
Ion Ratio Lower Upper

252 100

253 145.1 17.6 26.4#

125 177.8 9.9 14.9#





#38

Benzo(a)pyrene

Concen: 0.01 ng

RT: 23.61 min Scan# 1413

Delta R.T. -0.02 min

Lab File: BE091822.D

Acq: 19 May 2016 22:36

Instrument :

BNA_E

ClientSampleId :

SS043MW011-160512

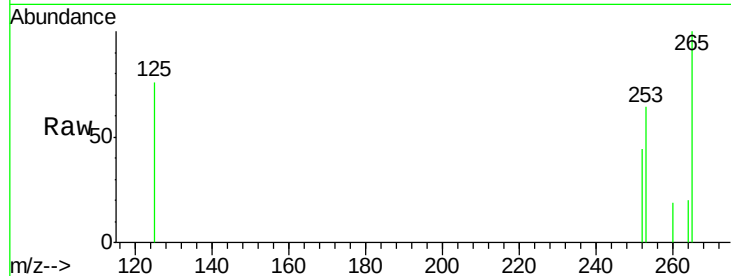
Tgt Ion: 252 Resp: 325

Ion Ratio Lower Upper

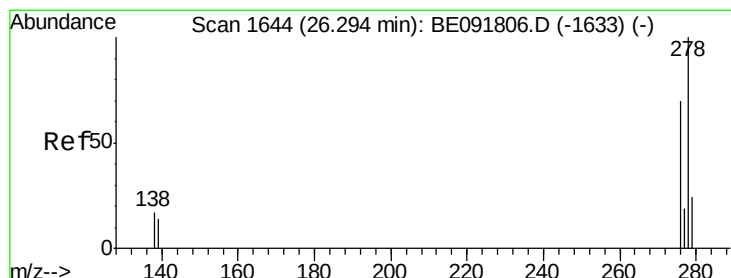
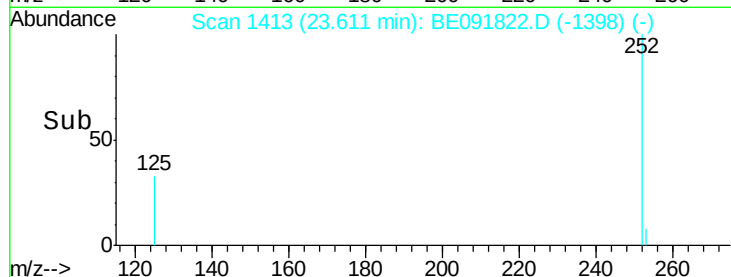
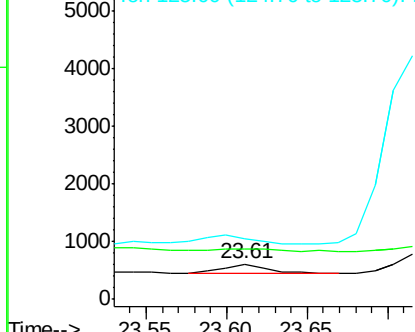
252 100

253 144.7 18.1 27.1#

125 171.7 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: 0.01 ng

RT: 26.29 min Scan# 1643

Delta R.T. -0.05 min

Lab File: BE091822.D

Acq: 19 May 2016 22:36

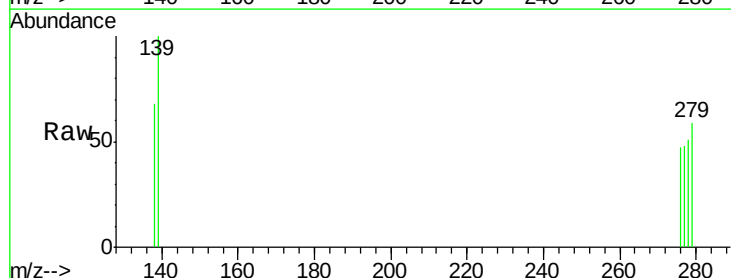
Tgt Ion: 278 Resp: 313

Ion Ratio Lower Upper

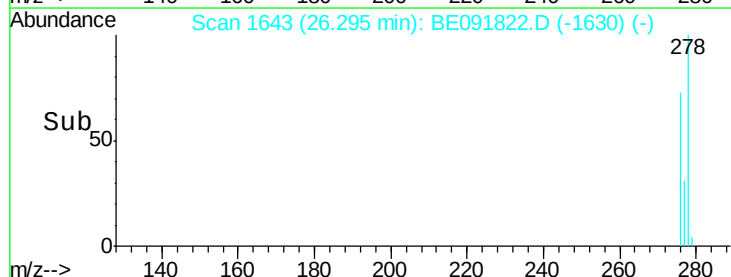
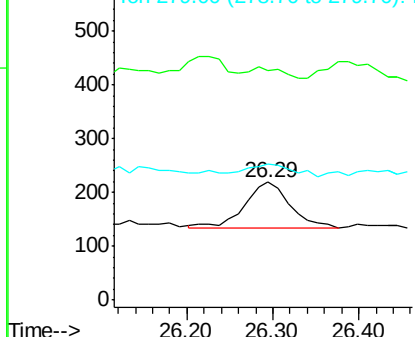
278 100

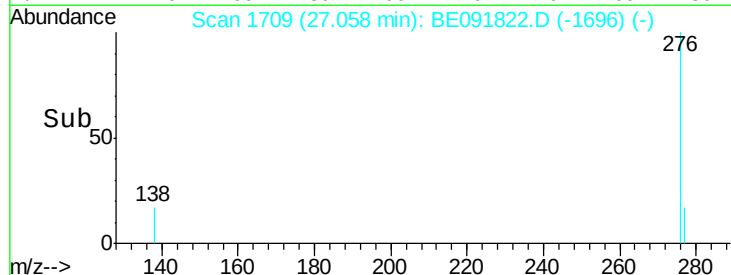
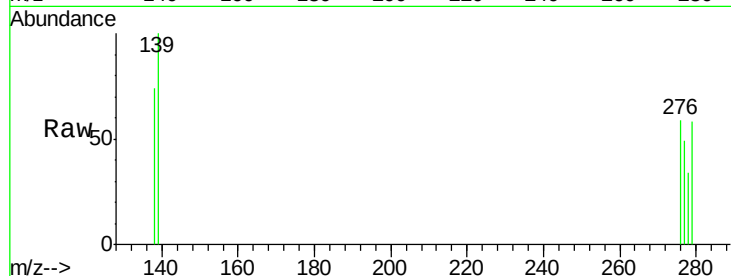
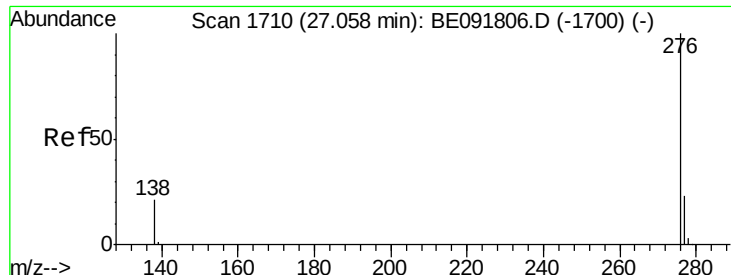
139 195.0 16.0 24.0#

279 115.1 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: 0.01 ng

RT: 27.06 min Scan# 1709

Delta R.T. -0.05 min

Lab File: BE091822.D

Acq: 19 May 2016 22:36

Instrument :

BNA_E

ClientSampleId :

SS043MW011-160512

Tgt Ion: 276 Resp: 373

Ion Ratio Lower Upper

276 100

277 83.6 18.6 28.0#

138 124.9 20.4 30.6#

