

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE051916\
 Data File : BE091810.D
 Acq On : 19 May 2016 15:08
 Operator : UM/SJ
 Sample : PB90668BL
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB90668BL

Quant Time: May 20 04:47:04 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	22248	5.00	ng	-0.02
7) Naphthalene-d8	10.57	136	113054	5.00	ng	0.00
13) Acenaphthene-d10	14.41	164	77124	5.00	ng	-0.01
19) Phenanthrene-d10	17.14	188	215004	5.00	ng	-0.01
26) Chrysene-d12	21.29	240	276479	5.00	ng	-0.02
35) Perylene-d12	23.73	264	241400	5.00	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.38	112	40742	7.01	ng	-0.01
5) Phenol-d6	6.95	99	60173	7.35	ng	0.00
8) Nitrobenzene-d5	8.93	82	26716	3.57	ng	-0.01
14) 2,4,6-Tribromophenol	15.88	330	22798	7.61	ng	-0.01
15) 2-Fluorobiphenyl	13.02	172	83411	3.82	ng	-0.01
29) Terphenyl-d14	19.74	244	161142	4.12	ng	-0.02

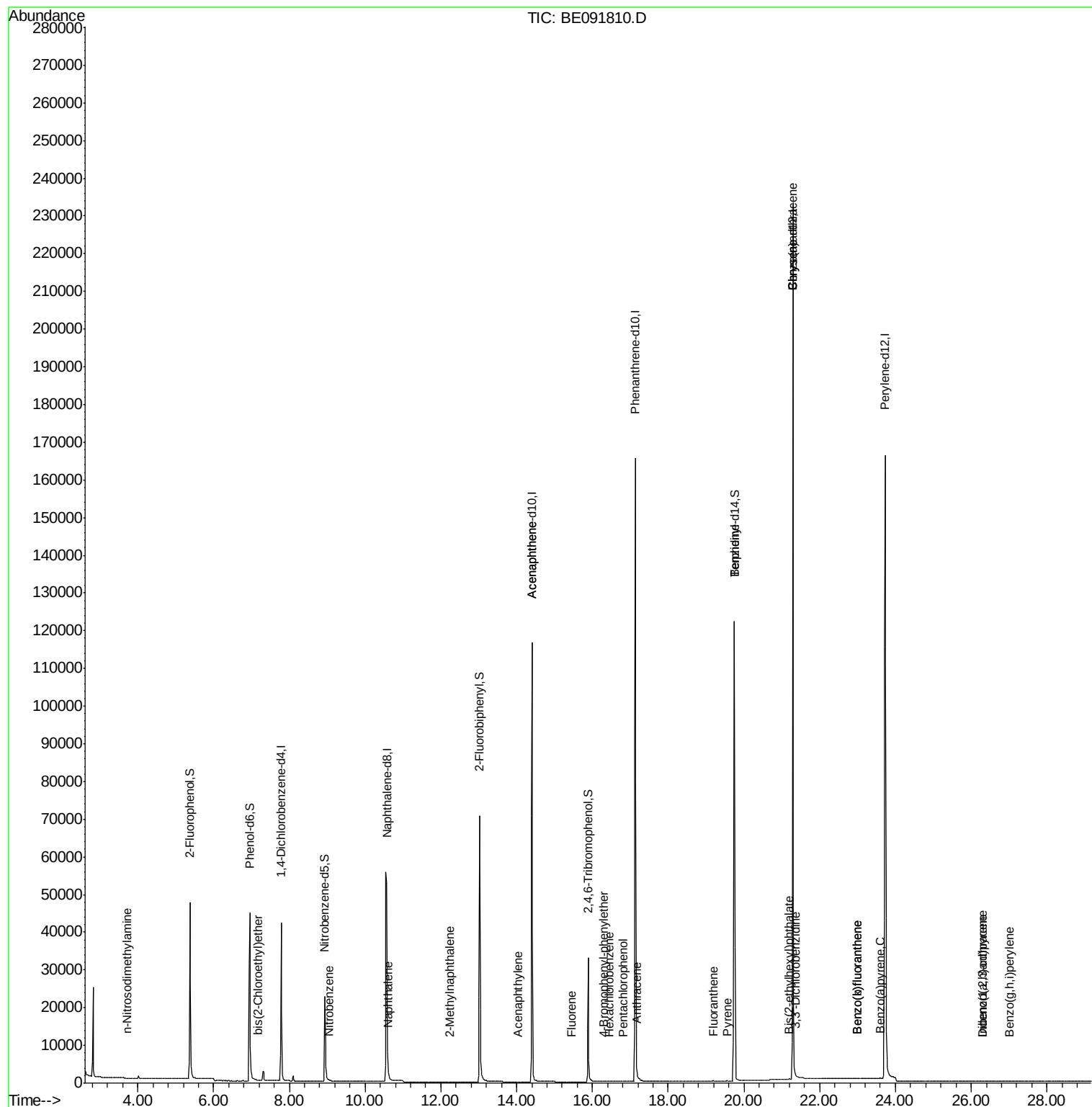
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) n-Nitrosodimethylamine	3.71	42	29	0.01	ng	# 2
6) bis(2-Chloroethyl)ether	7.18	93	7	0.00	ng	# 28
9) Nitrobenzene	9.05	77	10	0.00	ng	# 48
10) Naphthalene	10.61	128	31	0.00	ng	# 1
12) 2-Methylnaphthalene	12.22	142	25	0.00	ng	# 47
16) Acenaphthylene	14.03	152	103	0.00	ng	# 1
17) Acenaphthene	14.41	154	327	0.02	ng	# 16
18) Fluorene	15.44	166	23	0.00	ng	# 42
20) 4-Bromophenyl-phenylether	16.29	248	1	0.00	ng	# 55
21) Hexachlorobenzene	16.45	284	8	0.00	ng	# 20
22) Pentachlorophenol	16.81	266	25	0.01	ng	# 73
23) Phenanthrene	17.17	178	258	Below Cal		# 79
24) Anthracene	17.17	178	170	0.00	ng	# 71
25) Fluoranthene	19.19	202	183	0.00	ng	# 80
27) Benzidine	19.74	184	2500	0.13	ng	91
28) Pyrene	19.55	202	154	0.00	ng	# 86
30) Benzo(a)anthracene	21.29	228	900	0.01	ng	# 73
31) 3,3'-Dichlorobenzidine	21.36	252	506	0.01	ng	# 62
32) Chrysene	21.29	228	887	0.06	ng	# 70
33) Bis(2-ethylhexyl)phthalate	21.20	149	315	0.26	ng	# 88
34) Indeno(1,2,3-cd)pyrene	26.29	276	74	0.00	ng	# 71
36) Benzo(b)fluoranthene	22.99	252	143	0.00	ng	# 1
37) Benzo(k)fluoranthene	22.99	252	143	0.00	ng	# 1
38) Benzo(a)pyrene	23.61	252	42	0.00	ng	# 1
39) Dibenzo(a,h)anthracene	26.31	278	31	0.00	ng	# 1
40) Benzo(g,h,i)perylene	27.00	276	14	0.00	ng	# 1

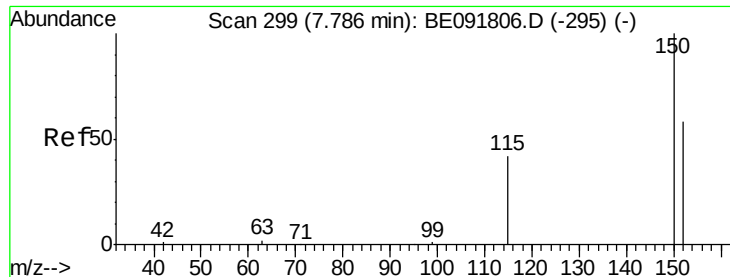
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 7.79 min Scan# 299

Delta R.T. -0.02 min

Lab File: BE091810.D

Acq: 19 May 2016 15:08

Instrument :

BNA_E

ClientSampleId :

PB90668BL

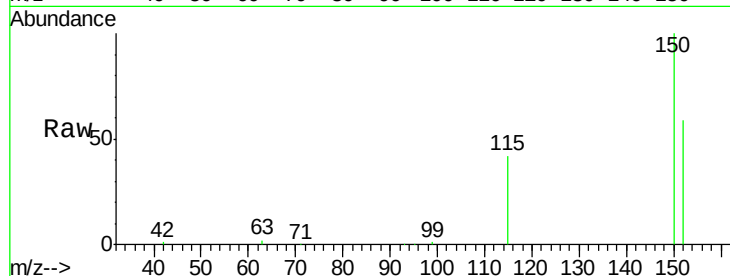
Tgt Ion:152 Resp: 22248

Ion Ratio Lower Upper

152 100

150 168.2 122.6 183.8

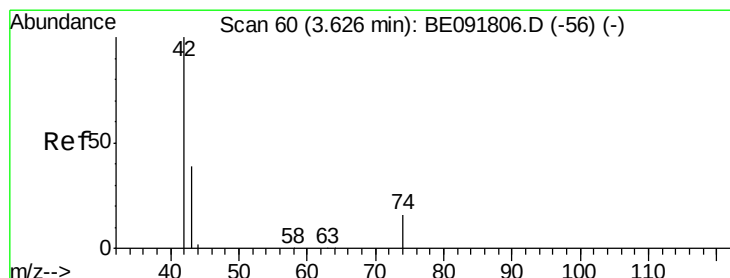
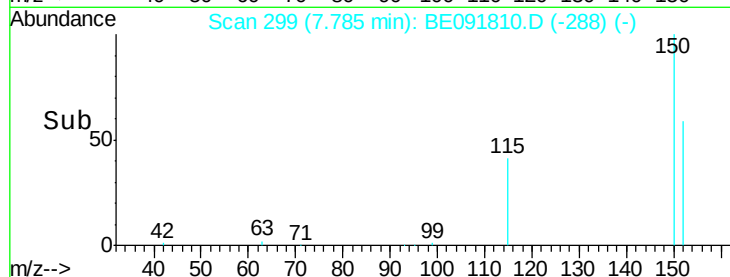
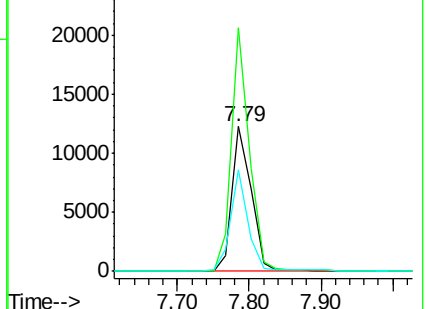
115 70.1 52.8 79.2



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



#3

n-Nitrosodimethylamine

Concen: 0.01 ng

RT: 3.71 min Scan# 65

Delta R.T. 0.09 min

Lab File: BE091810.D

Acq: 19 May 2016 15:08

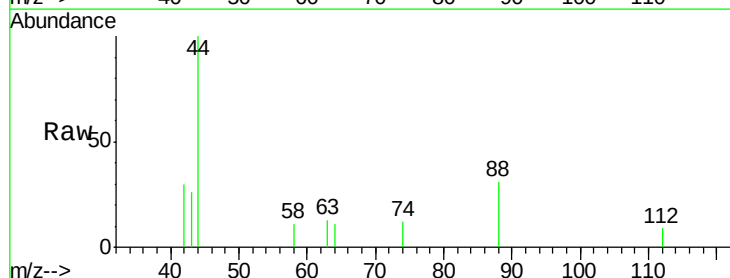
Tgt Ion: 42 Resp: 29

Ion Ratio Lower Upper

42 100

74 0.0 87.9 131.9#

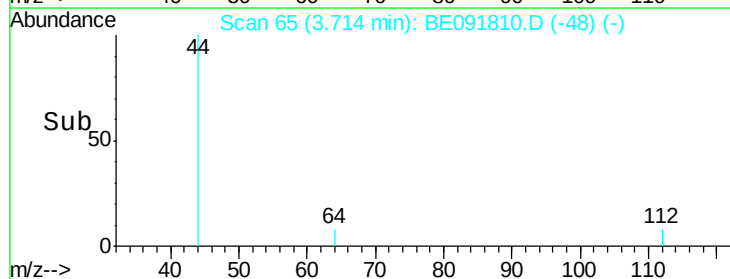
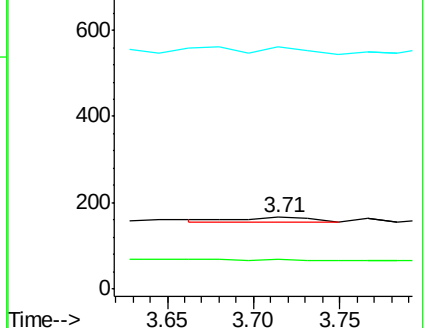
44 0.0 6.6 9.8#

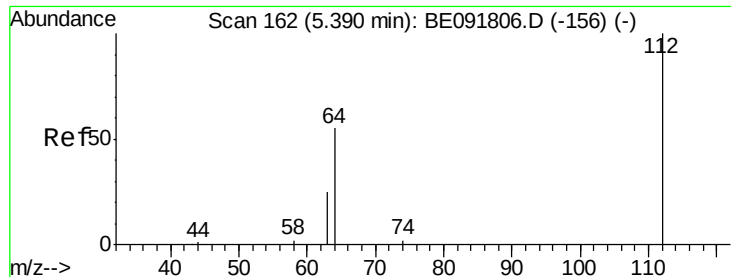


Abundance Ion 42.00 (41.70 to 42.70): BE0

Ion 74.00 (73.70 to 74.70): BE0

Ion 44.00 (43.70 to 44.70): BE0





#4

2-Fluorophenol

Concen: 7.01 ng

RT: 5.38 min Scan# 161

Delta R.T. -0.01 min

Lab File: BE091810.D

Acq: 19 May 2016 15:08

Instrument :

BNA_E

ClientSampled :

PB90668BL

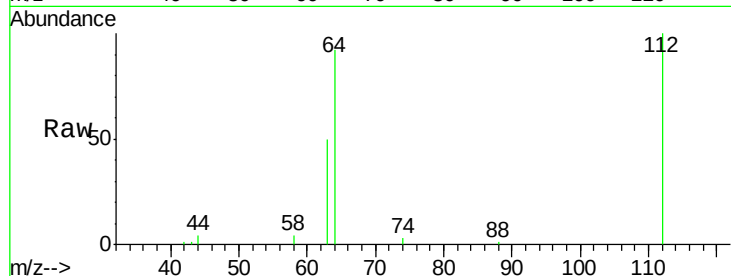
Tgt Ion: 112 Resp: 40742

Ion Ratio Lower Upper

112 100

64 67.5 30.9 46.3#

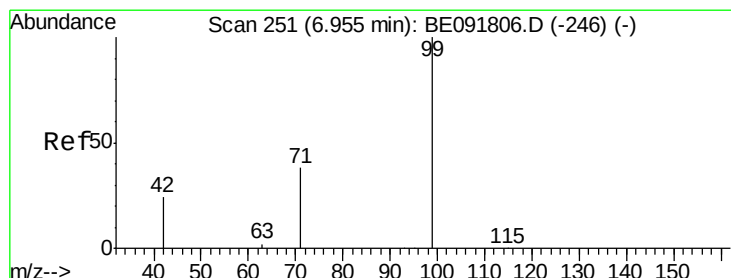
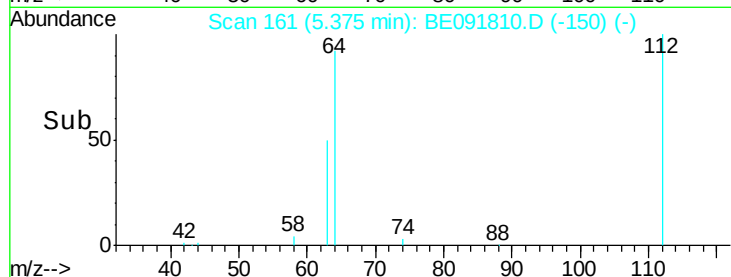
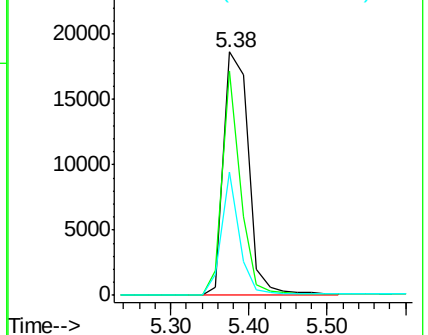
63 35.8 16.7 25.1#



Abundance Ion 112.00 (111.70 to 112.70): BE091810.D (-239) (-)

Ion 64.00 (63.70 to 64.70): BE091810.D (-239) (-)

Ion 63.00 (62.70 to 63.70): BE091810.D (-239) (-)



#5

Phenol-d6

Concen: 7.35 ng

RT: 6.95 min Scan# 251

Delta R.T. 0.00 min

Lab File: BE091810.D

Acq: 19 May 2016 15:08

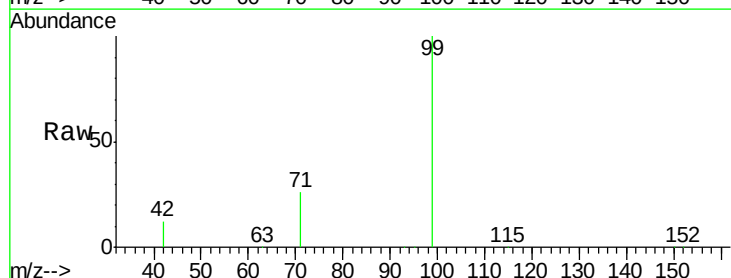
Tgt Ion: 99 Resp: 60173

Ion Ratio Lower Upper

99 100

42 23.6 16.2 24.2

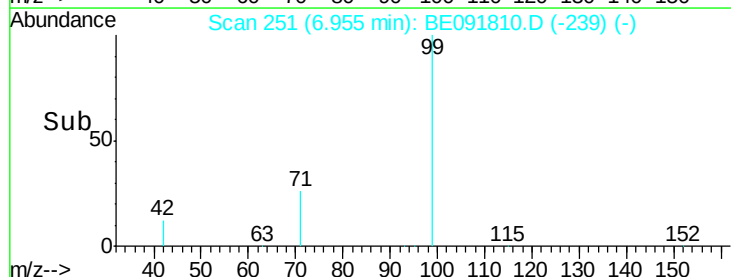
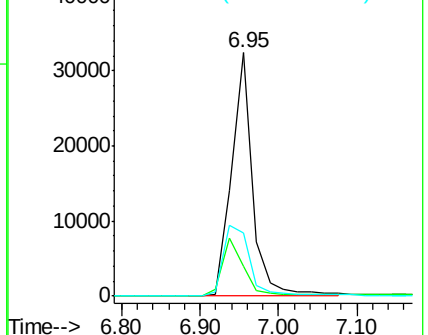
71 35.9 29.0 43.4

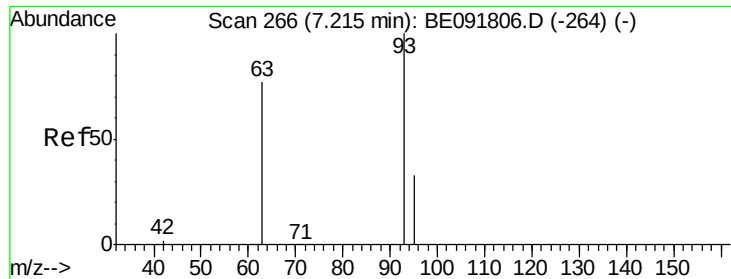


Abundance Ion 99.00 (98.70 to 99.70): BE091810.D (-239) (-)

Ion 42.00 (41.70 to 42.70): BE091810.D (-239) (-)

Ion 71.00 (70.70 to 71.70): BE091810.D (-239) (-)





#6

bis(2-Chloroethyl)ether

Concen: 0.00 ng

RT: 7.18 min Scan# 264

Delta R.T. -0.03 min

Lab File: BE091810.D

Acq: 19 May 2016 15:08

Instrument :

BNA_E

ClientSampleId :

PB90668BL

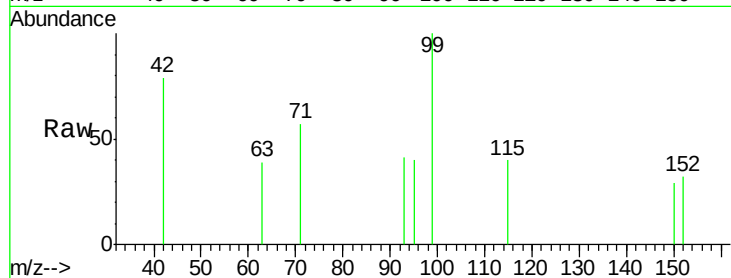
Tgt Ion: 93 Resp: 7

Ion Ratio Lower Upper

93 100

63 0.0 49.5 74.3#

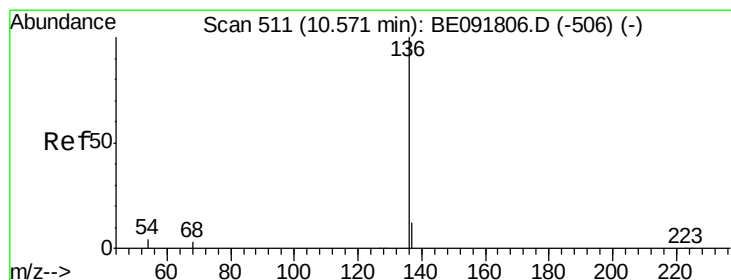
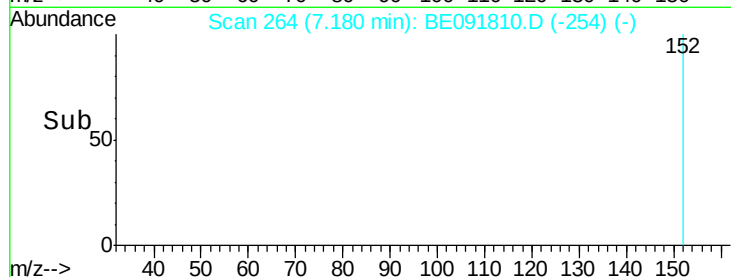
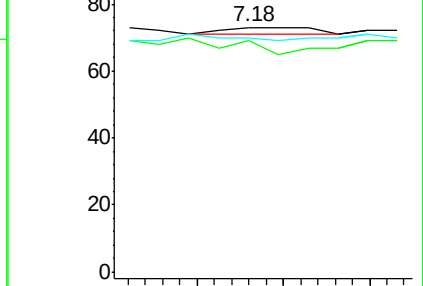
95 0.0 22.2 33.4#



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: BE091810.D

Acq: 19 May 2016 15:08

Tgt Ion: 136 Resp: 113054

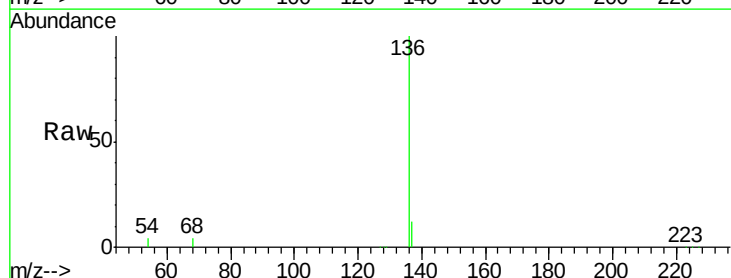
Ion Ratio Lower Upper

136 100

137 11.8 8.9 13.3

54 4.4 8.2 12.4#

68 3.6 6.2 9.4#

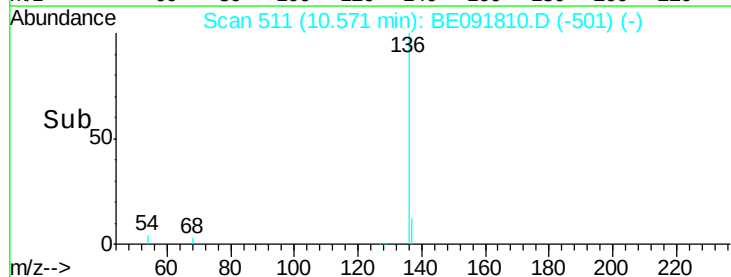
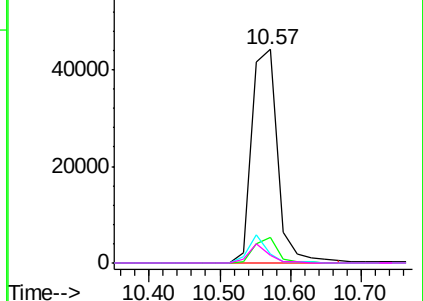


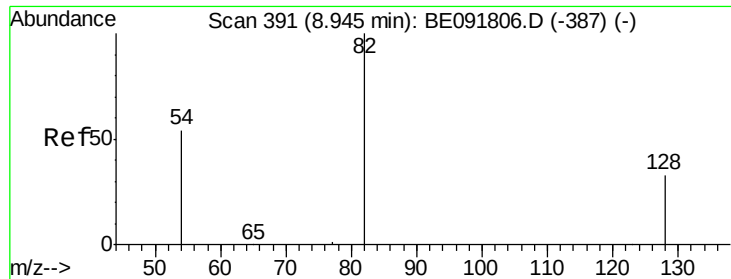
Abundance Ion 136.00 (135.70 to 136.70): E

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: 3.57 ng

RT: 8.93 min Scan# 390

Delta R.T. -0.01 min

Lab File: BE091810.D

Acq: 19 May 2016 15:08

Instrument :

BNA_E

ClientSampleId :

PB90668BL

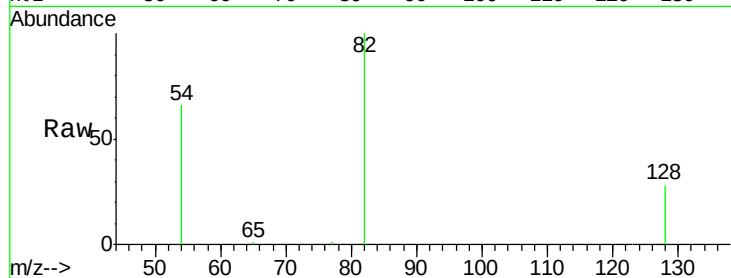
Tgt Ion: 82 Resp: 26716

Ion Ratio Lower Upper

82 100

128 28.3 25.4 38.0

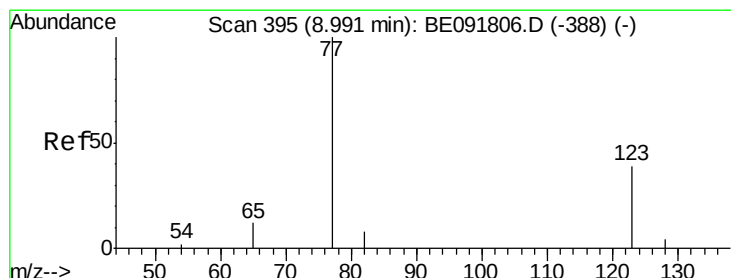
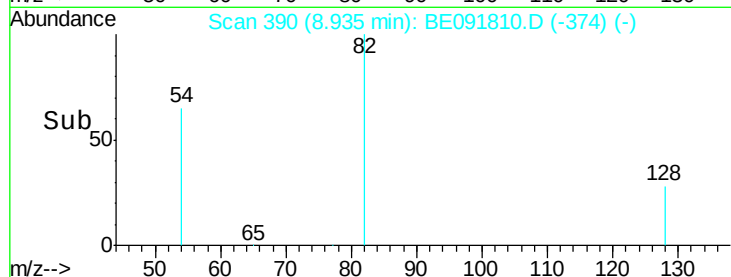
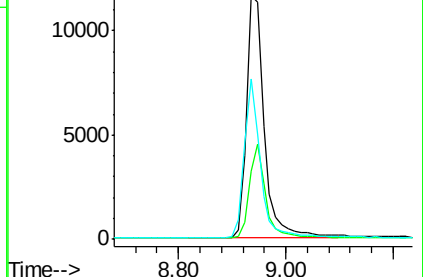
54 65.7 48.4 72.6



Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): BE0

Ion 54.00 (53.70 to 54.70): BE0



#9

Nitrobenzene

Concen: 0.00 ng

RT: 9.05 min Scan# 400

Delta R.T. 0.06 min

Lab File: BE091810.D

Acq: 19 May 2016 15:08

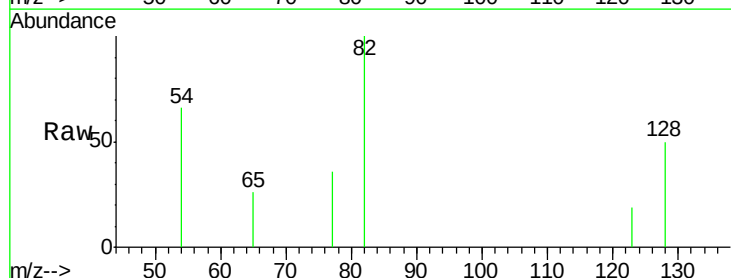
Tgt Ion: 77 Resp: 10

Ion Ratio Lower Upper

77 100

123 0.0 26.9 40.3#

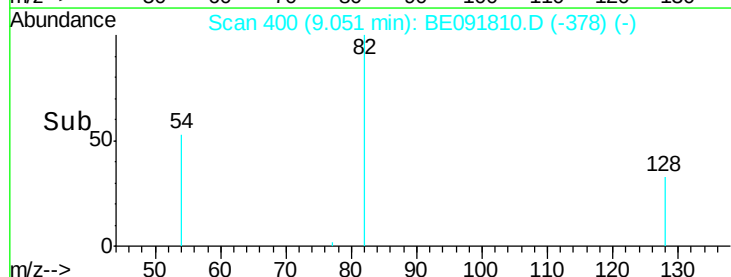
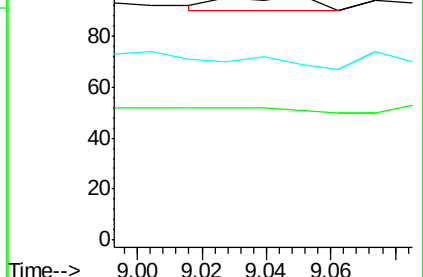
65 0.0 9.4 14.2#

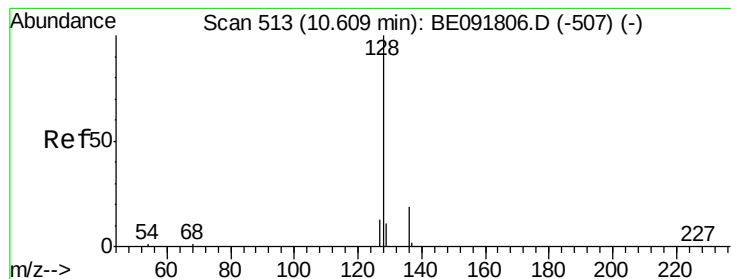


Abundance Ion 77.00 (76.70 to 77.70): BE0

Ion 123.00 (122.70 to 123.70): BE0

Ion 65.00 (64.70 to 65.70): BE0





#10

Naphthalene

Concen: 0.00 ng

RT: 10.61 min Scan# 513

Delta R.T. 0.00 min

Lab File: BE091810.D

Acq: 19 May 2016 15:08

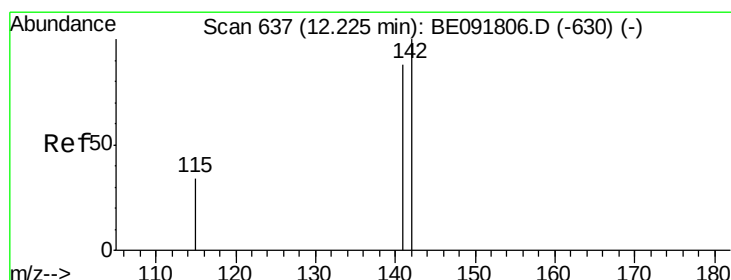
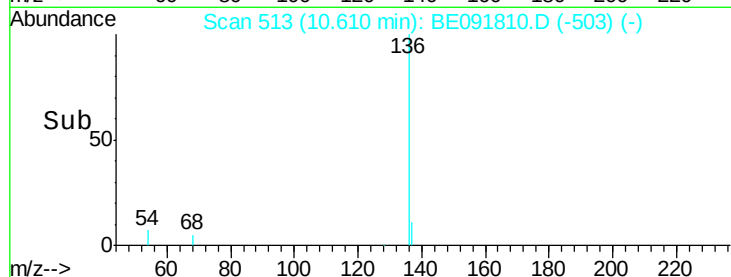
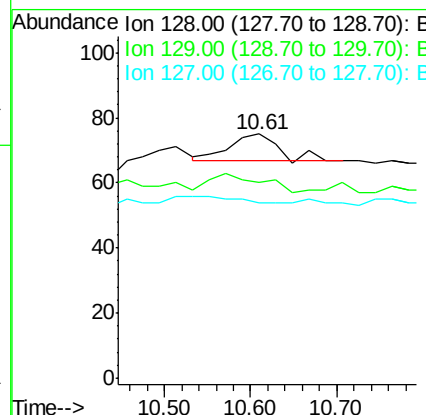
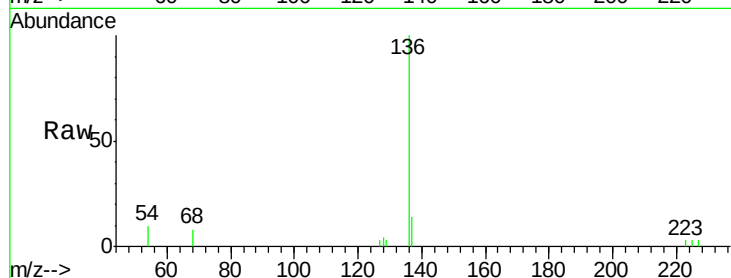
Instrument :

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Tgt Ion:	128	Resp:	31
Ion	Ratio	Lower	Upper
128	100		
129	80.0	9.3	13.9#
127	72.0	10.7	16.1#



#12

2-Methylnaphthalene

Concen: 0.00 ng

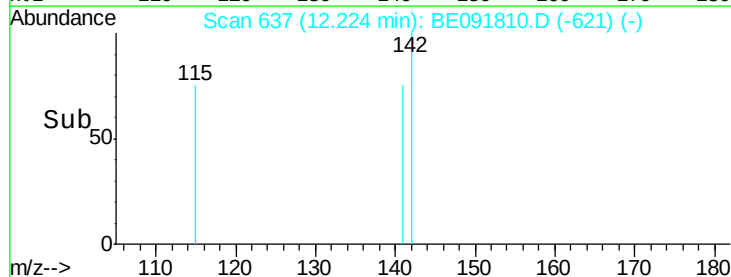
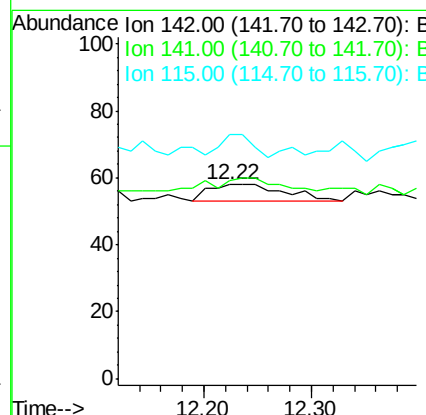
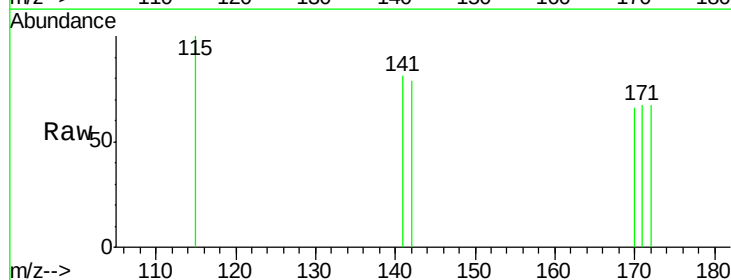
RT: 12.22 min Scan# 637

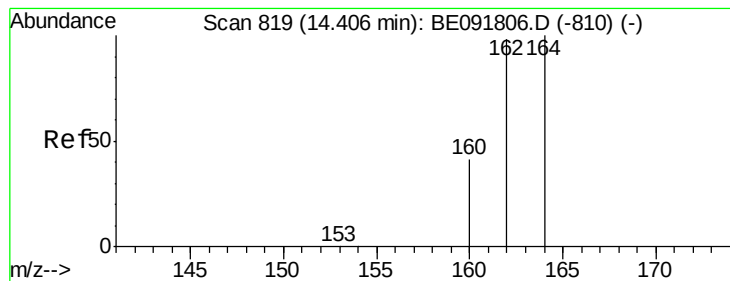
Delta R.T. -0.01 min

Lab File: BE091810.D

Acq: 19 May 2016 15:08

Tgt Ion:	142	Resp:	25
Ion	Ratio	Lower	Upper
142	100		
141	101.7	71.4	107.0
115	125.9	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: BE091810.D

Acq: 19 May 2016 15:08

Instrument :

BNA_E

ClientSampleId :

PB90668BL

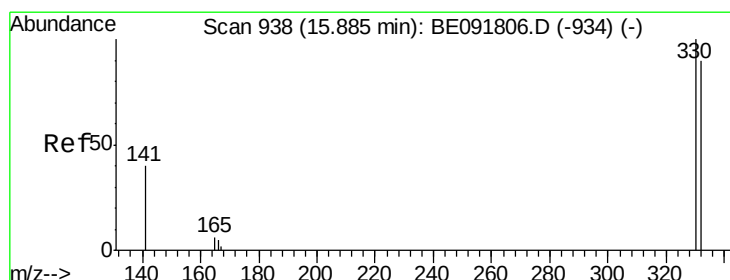
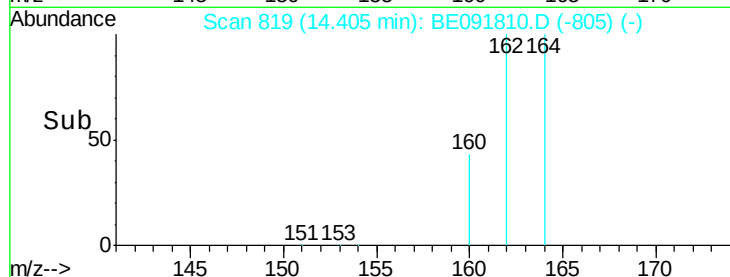
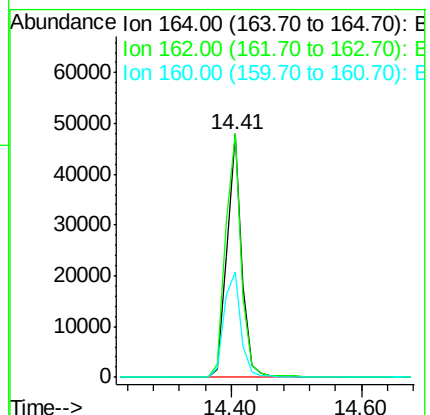
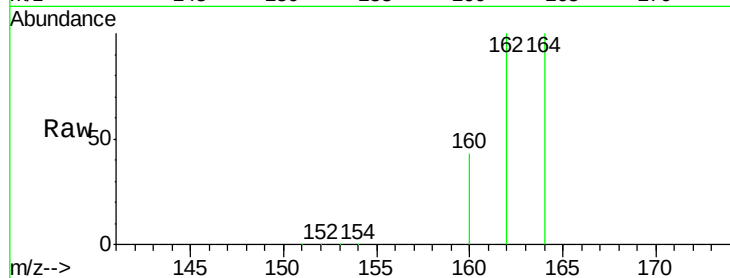
Tgt Ion:164 Resp: 77124

Ion Ratio Lower Upper

164 100

162 100.2 85.3 127.9

160 43.2 46.2 69.2#



#14

2,4,6-Tribromophenol

Concen: 7.61 ng

RT: 15.88 min Scan# 938

Delta R.T. -0.01 min

Lab File: BE091810.D

Acq: 19 May 2016 15:08

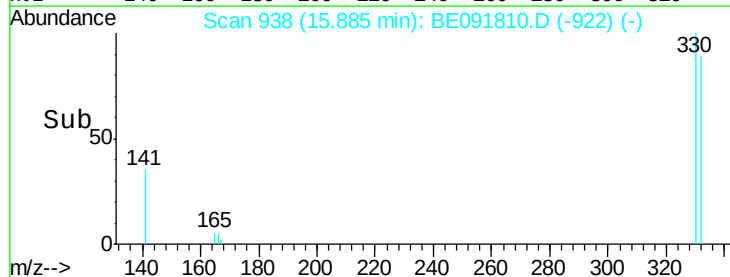
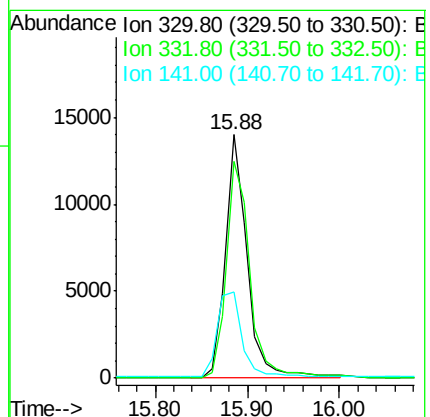
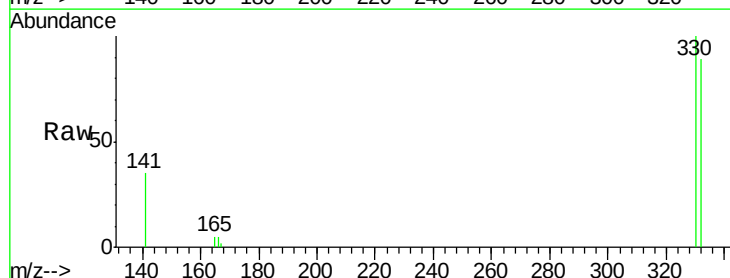
Tgt Ion:330 Resp: 22798

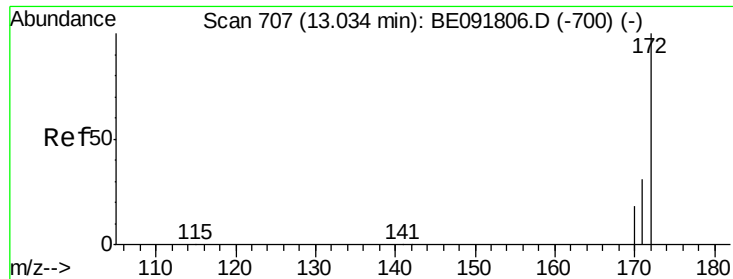
Ion Ratio Lower Upper

330 100

332 96.4 79.1 118.7

141 41.1 125.4 188.0#

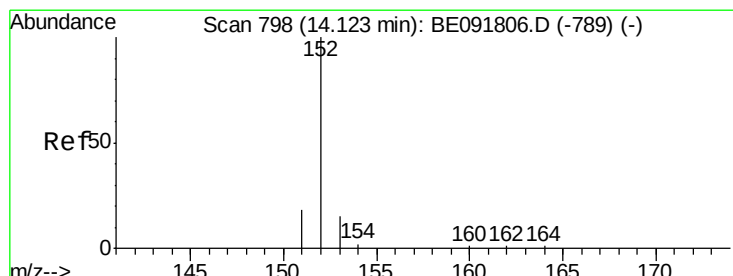
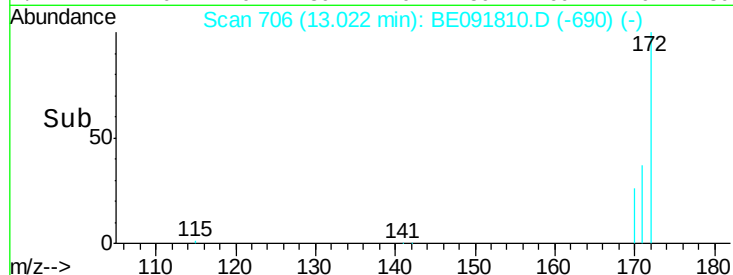
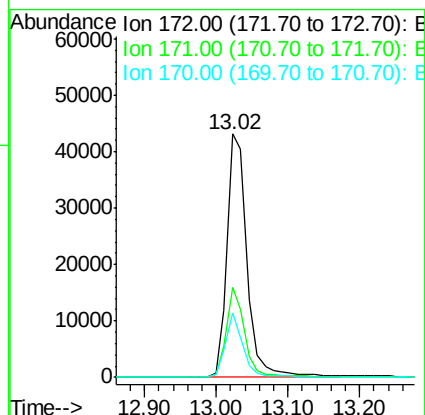
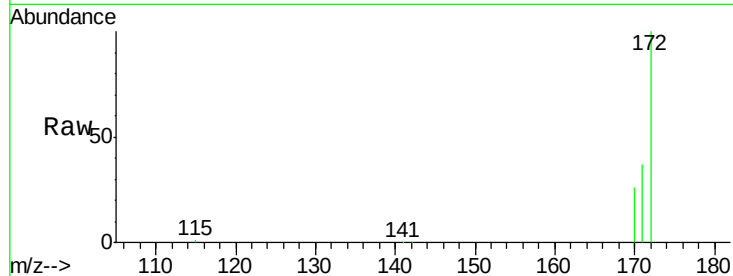




#15
2-Fluorobiphenyl
Concen: 3.82 ng
RT: 13.02 min Scan# 706
Delta R.T. -0.01 min
Lab File: BE091810.D
Acq: 19 May 2016 15:08

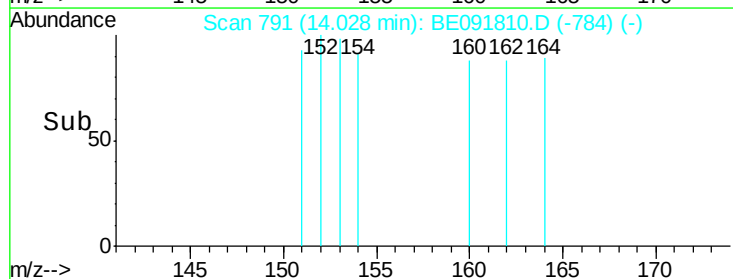
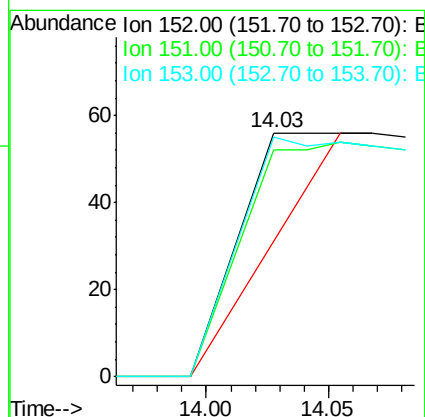
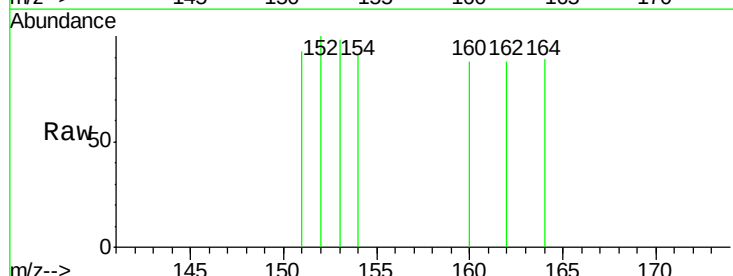
Instrument :
BNA_E
ClientSampleId :
PB90668BL

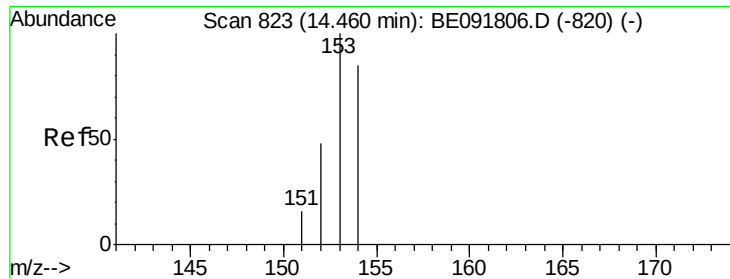
Tgt Ion:172 Resp: 83411
Ion Ratio Lower Upper
172 100
171 36.7 28.8 43.2
170 26.4 19.3 28.9



#16
Acenaphthylene
Concen: 0.00 ng
RT: 14.03 min Scan# 791
Delta R.T. -0.09 min
Lab File: BE091810.D
Acq: 19 May 2016 15:08

Tgt Ion:152 Resp: 103
Ion Ratio Lower Upper
152 100
151 0.0 3.9 5.9#
153 258.3 10.3 15.5#





#17

Acenaphthene

Concen: 0.02 ng

RT: 14.41 min Scan# 819

Delta R.T. -0.07 min

Lab File: BE091810.D

Acq: 19 May 2016 15:08

Instrument :

BNA_E

ClientSampleId :

PB90668BL

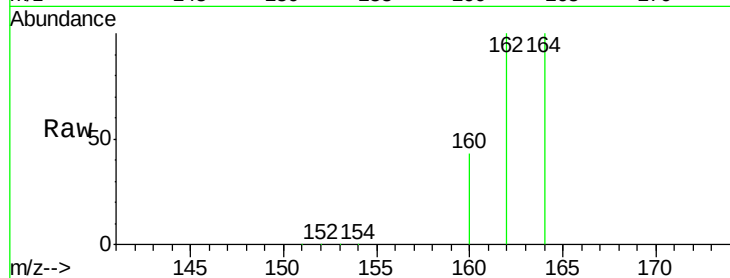
Tgt Ion:154 Resp: 327

Ion Ratio Lower Upper

154 100

153 10.1 80.0 120.0#

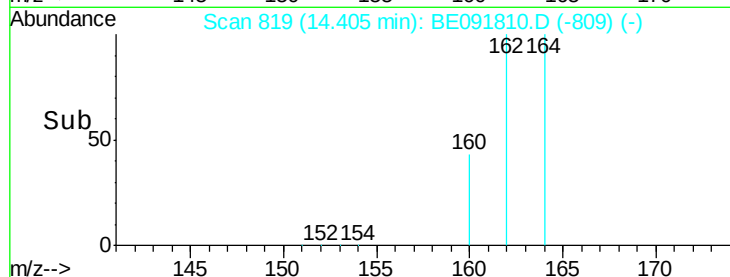
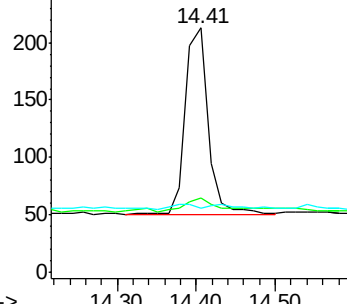
152 0.0 40.0 60.0#



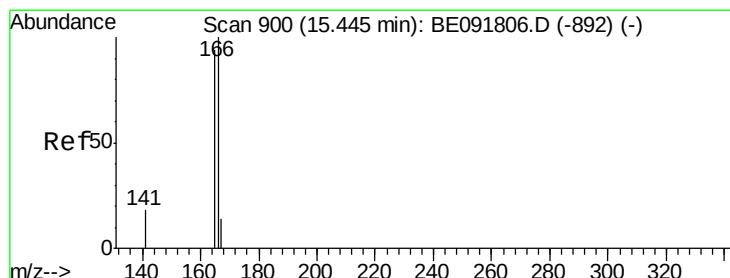
Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



Time-->



#18

Fluorene

Concen: 0.00 ng

RT: 15.44 min Scan# 900

Delta R.T. -0.01 min

Lab File: BE091810.D

Acq: 19 May 2016 15:08

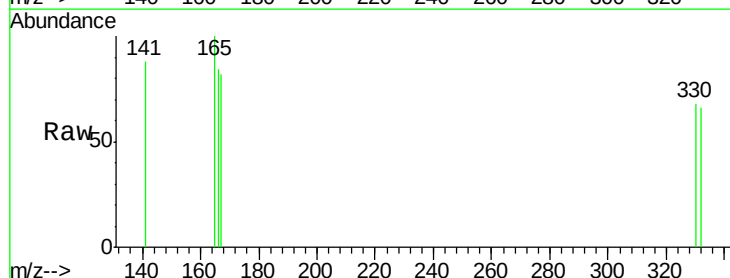
Tgt Ion:166 Resp: 23

Ion Ratio Lower Upper

166 100

165 39.1 80.8 121.2#

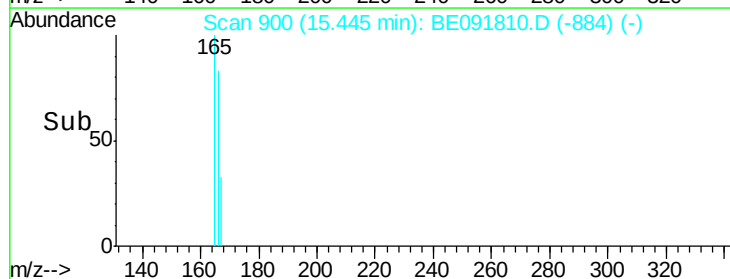
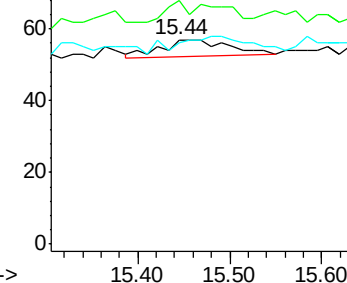
167 0.0 10.9 16.3#

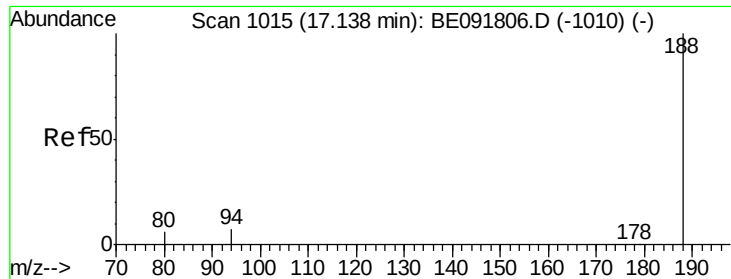


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

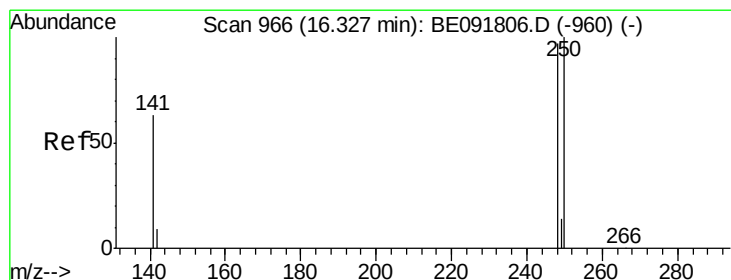
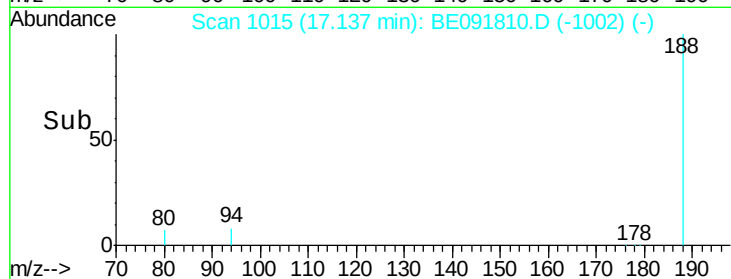
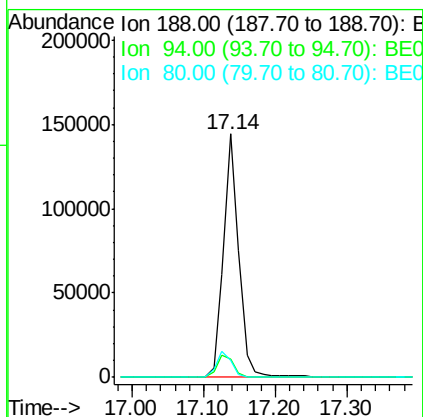
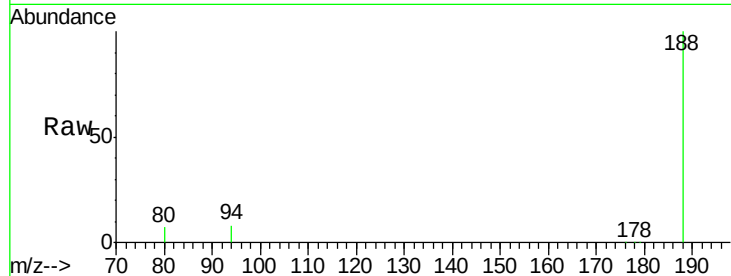




#19
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.14 min Scan# 1015
Delta R.T. -0.01 min
Lab File: BE091810.D
Acq: 19 May 2016 15:08

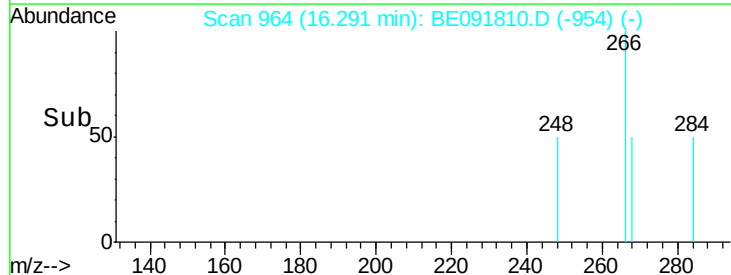
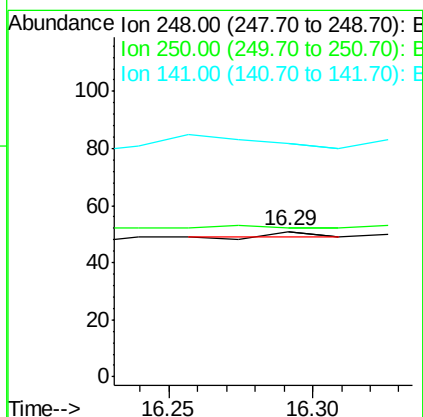
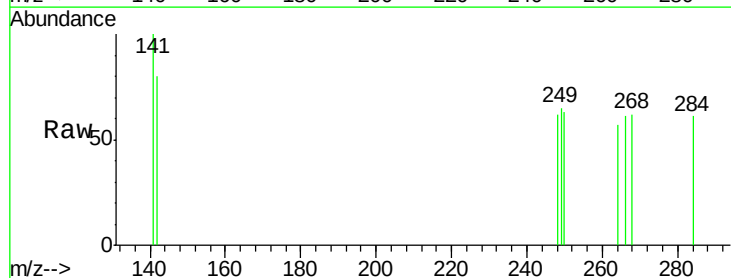
Instrument :
BNA_E
ClientSampleId :
PB90668BL

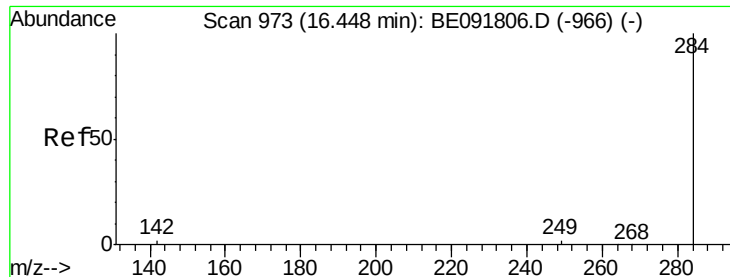
Tgt Ion:188 Resp: 215004
Ion Ratio Lower Upper
188 100
94 7.5 8.7 13.1#
80 7.0 9.4 14.0#



#20
4-Bromophenyl-phenylether
Concen: 0.00 ng
RT: 16.29 min Scan# 964
Delta R.T. -0.03 min
Lab File: BE091810.D
Acq: 19 May 2016 15:08

Tgt Ion:248 Resp: 1
Ion Ratio Lower Upper
248 100
250 100.0 80.5 120.7
141 0.0 72.0 108.0#





#21

Hexachlorobenzene

Concen: 0.00 ng

RT: 16.45 min Scan# 973

Delta R.T. -0.00 min

Lab File: BE091810.D

Acq: 19 May 2016 15:08

Instrument :

BNA_E

ClientSampleId :

PB90668BL

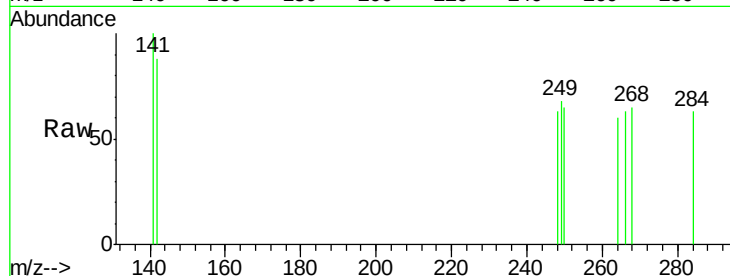
Tgt Ion:284 Resp: 8

Ion Ratio Lower Upper

284 100

142 0.0 32.2 48.2#

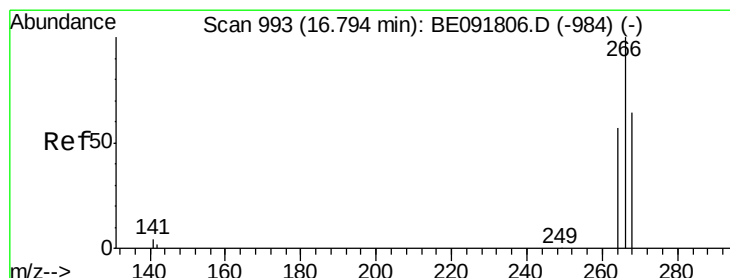
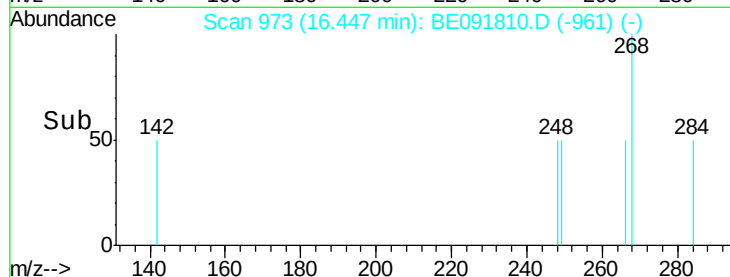
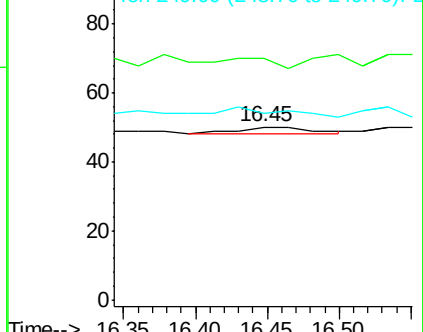
249 87.5 25.4 38.2#



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#22

Pentachlorophenol

Concen: 0.01 ng

RT: 16.81 min Scan# 994

Delta R.T. 0.02 min

Lab File: BE091810.D

Acq: 19 May 2016 15:08

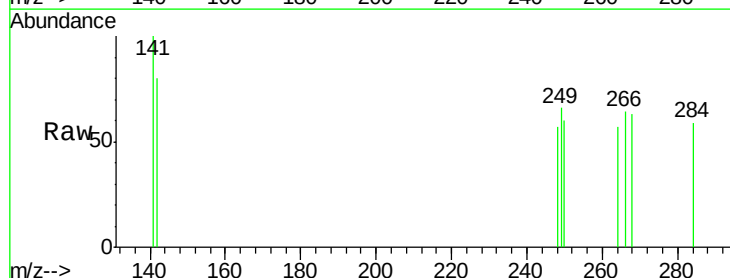
Tgt Ion:266 Resp: 25

Ion Ratio Lower Upper

266 100

268 98.2 58.2 87.2#

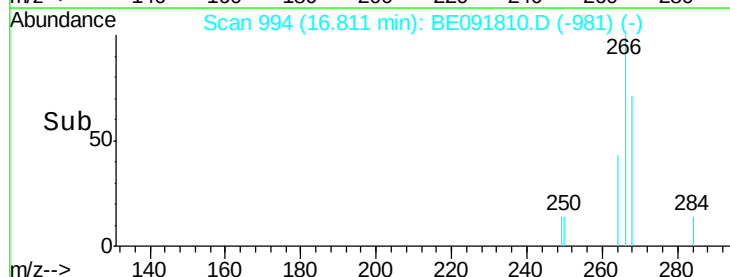
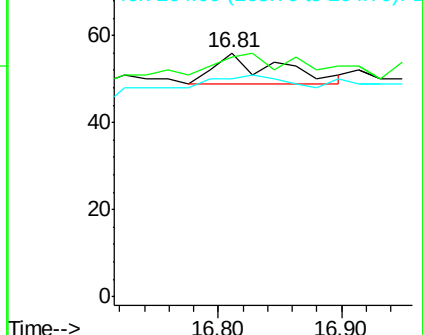
264 89.3 56.2 84.4#

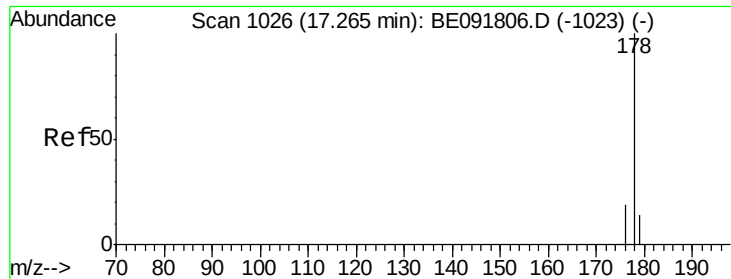


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#23

Phenanthrene

Concen: Below Cal

RT: 17.17 min Scan# 1018

Delta R.T. -0.01 min

Lab File: BE091810.D

Acq: 19 May 2016 15:08

Instrument :

BNA_E

ClientSampleId :

PB90668BL

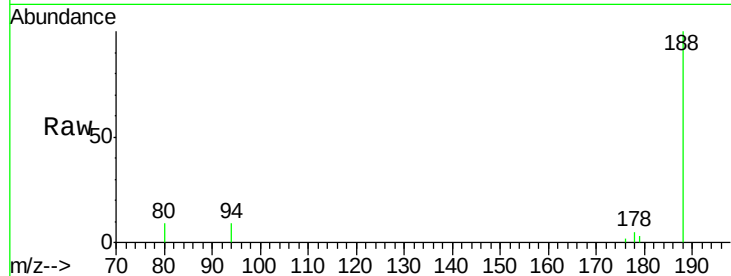
Tgt Ion:178 Resp: 258

Ion Ratio Lower Upper

178 100

176 15.5 15.3 22.9

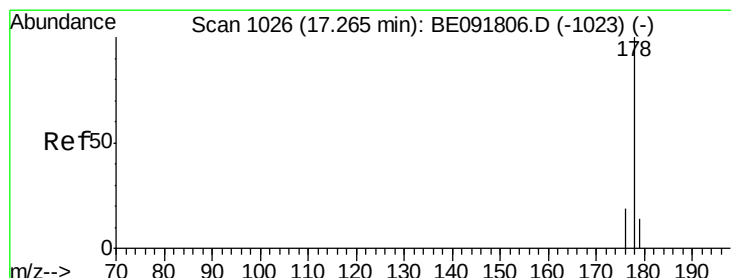
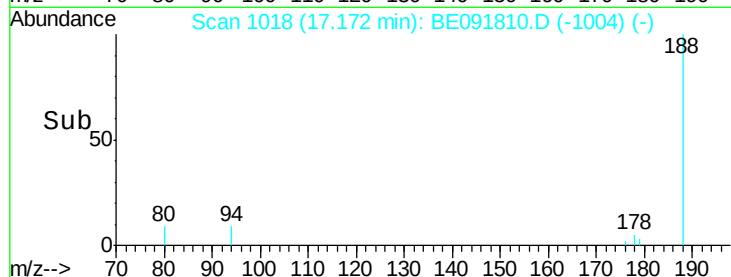
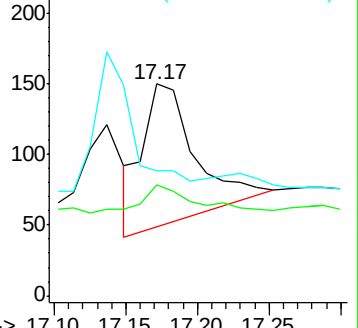
179 0.0 12.6 18.8#



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: 0.00 ng

RT: 17.17 min Scan# 1018

Delta R.T. -0.10 min

Lab File: BE091810.D

Acq: 19 May 2016 15:08

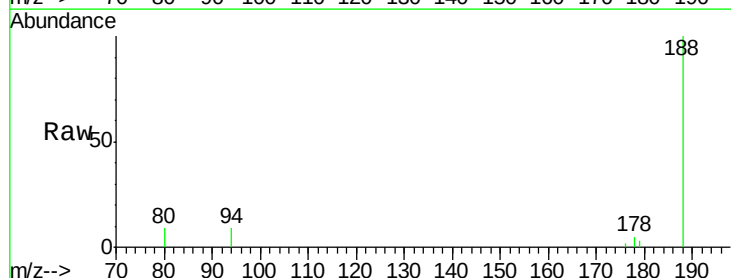
Tgt Ion:178 Resp: 170

Ion Ratio Lower Upper

178 100

176 28.8 14.6 21.8#

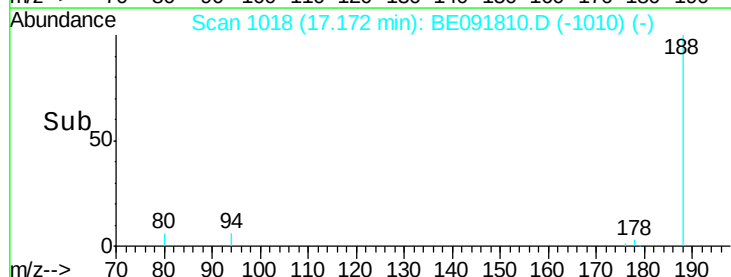
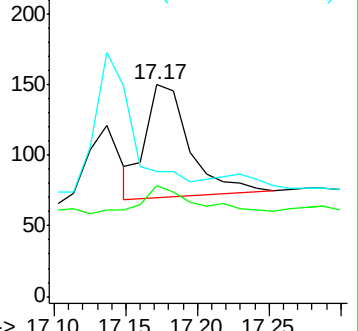
179 0.0 11.8 17.6#

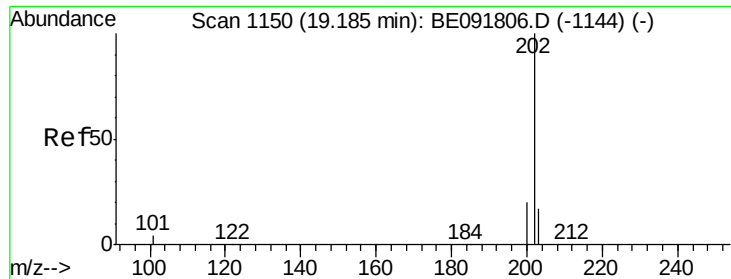


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

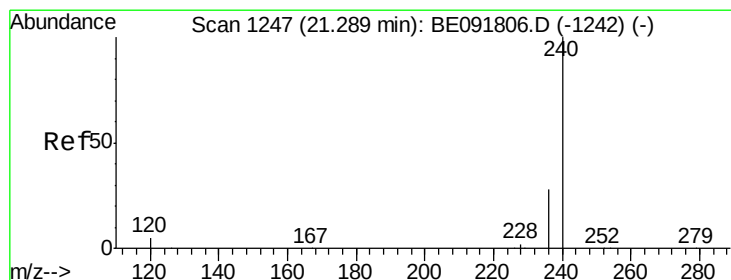
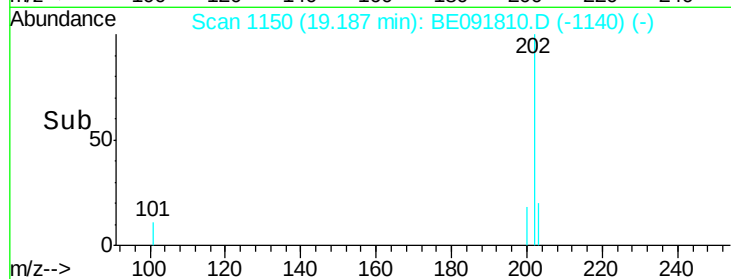
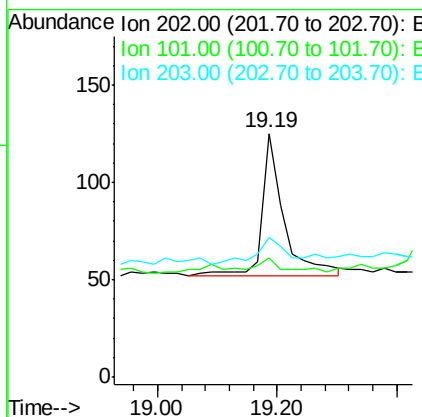
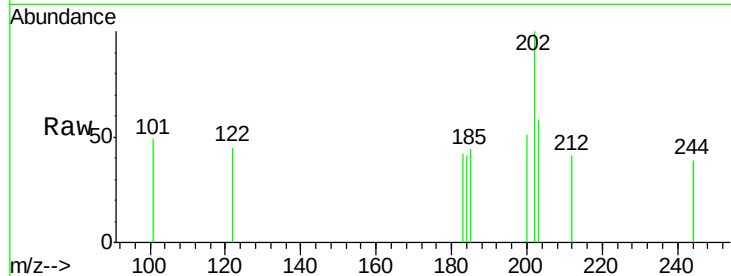




#25
 Fluoranthene
 Concen: 0.00 ng
 RT: 19.19 min Scan# 1150
 Delta R.T. -0.00 min
 Lab File: BE091810.D
 Acq: 19 May 2016 15:08

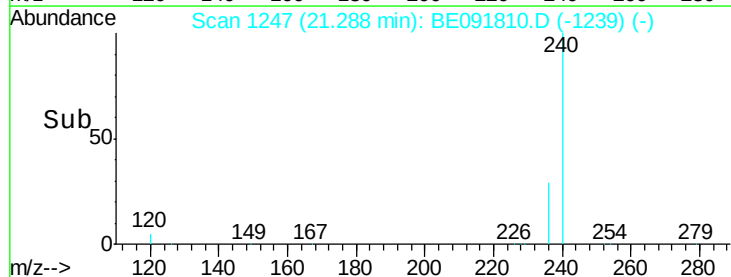
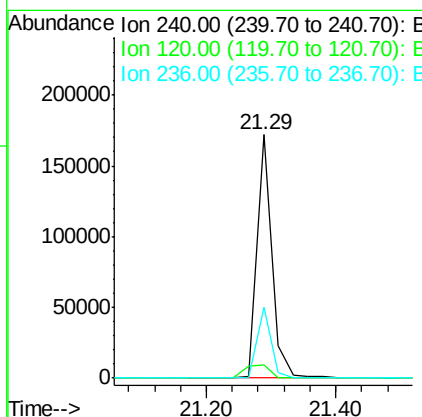
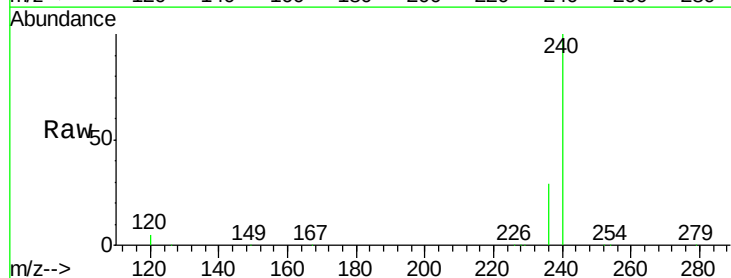
Instrument :
 BNA_E
 ClientSampleId :
 PB90668BL

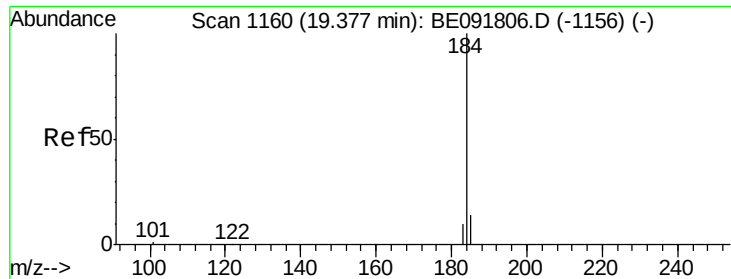
Tgt Ion: 202 Resp: 183
 Ion Ratio Lower Upper
 202 100
 101 4.9 11.0 16.6#
 203 25.1 13.9 20.9#



#26
 Chrysene-d12
 Concen: 5.00 ng
 RT: 21.29 min Scan# 1247
 Delta R.T. -0.02 min
 Lab File: BE091810.D
 Acq: 19 May 2016 15:08

Tgt Ion: 240 Resp: 276479
 Ion Ratio Lower Upper
 240 100
 120 5.5 11.0 16.4#
 236 29.2 21.7 32.5





#27

Benzidine

Concen: 0.13 ng

RT: 19.74 min Scan# 1179

Delta R.T. 0.37 min

Lab File: BE091810.D

Acq: 19 May 2016 15:08

Instrument :

BNA_E

ClientSampleId :

PB90668BL

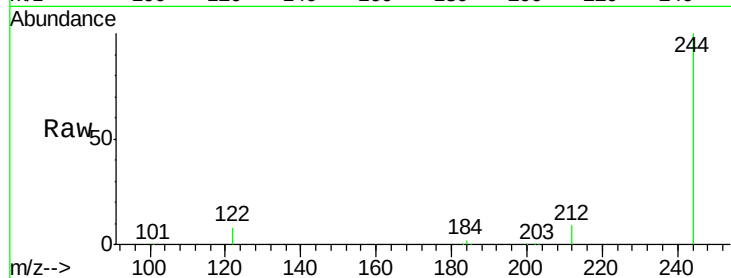
Tgt Ion:184 Resp: 2500

Ion Ratio Lower Upper

184 100

185 22.6 22.3 33.5

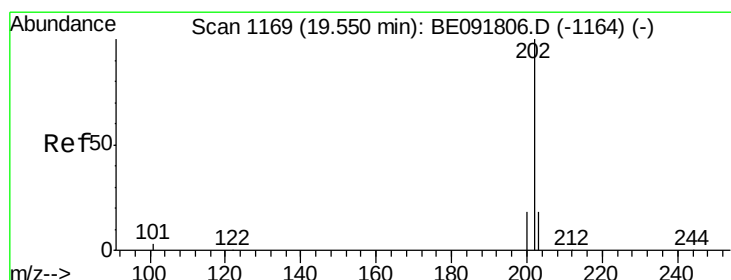
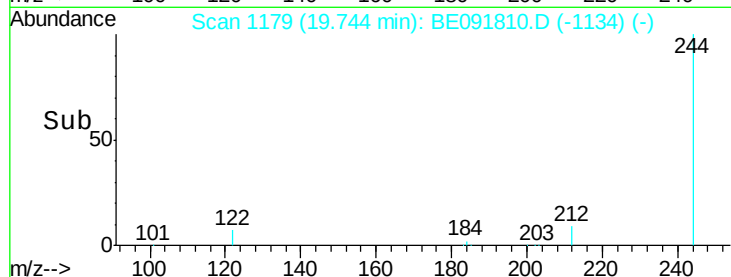
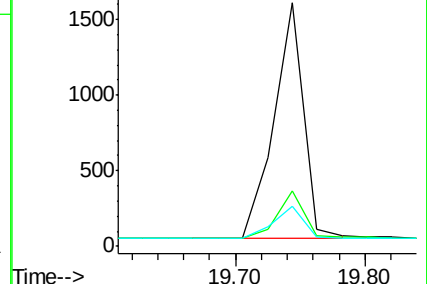
183 16.7 16.4 24.6



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: 0.00 ng

RT: 19.55 min Scan# 1169

Delta R.T. -0.00 min

Lab File: BE091810.D

Acq: 19 May 2016 15:08

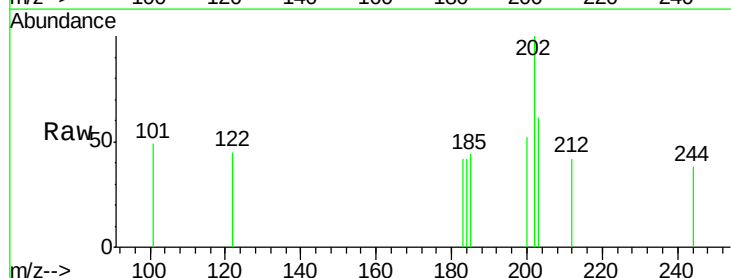
Tgt Ion:202 Resp: 154

Ion Ratio Lower Upper

202 100

200 25.3 16.8 25.2#

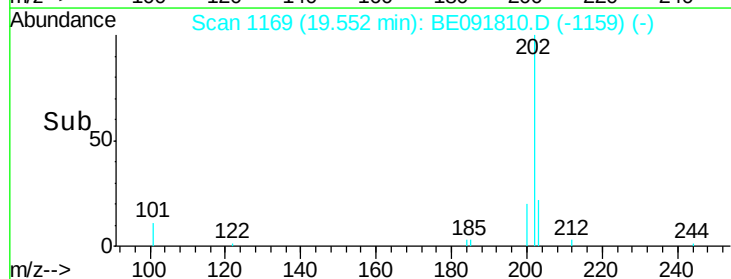
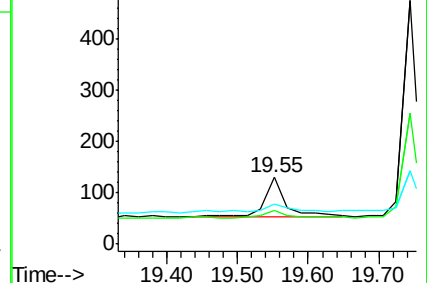
203 26.0 14.0 21.0#

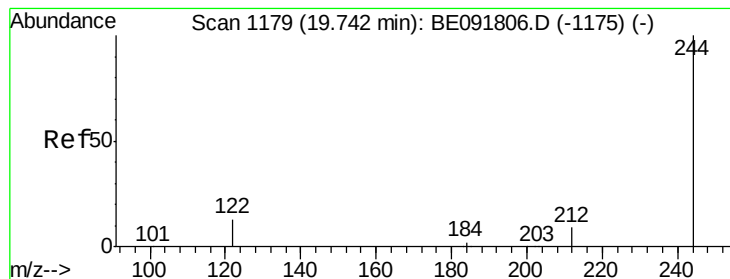


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 4.12 ng

RT: 19.74 min Scan# 1179

Delta R.T. -0.02 min

Lab File: BE091810.D

Acq: 19 May 2016 15:08

Instrument :

BNA_E

ClientSampleId :

PB90668BL

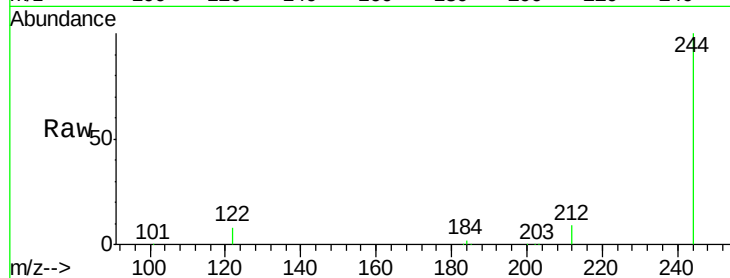
Tgt Ion:244 Resp: 161142

Ion Ratio Lower Upper

244 100

212 9.0 6.9 10.3

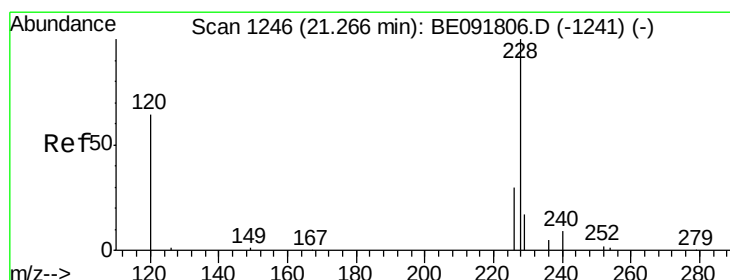
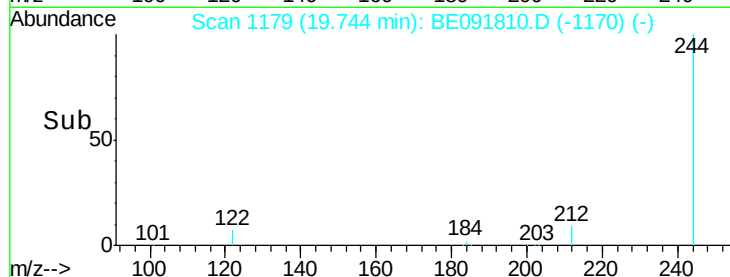
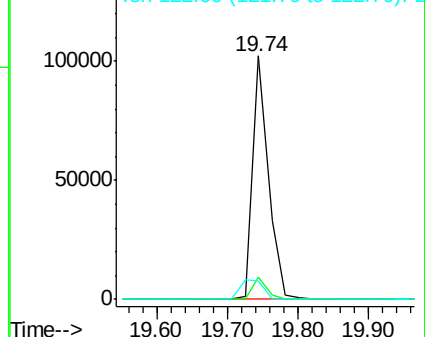
122 7.5 11.0 16.4#



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: 0.01 ng

RT: 21.29 min Scan# 1247

Delta R.T. -0.00 min

Lab File: BE091810.D

Acq: 19 May 2016 15:08

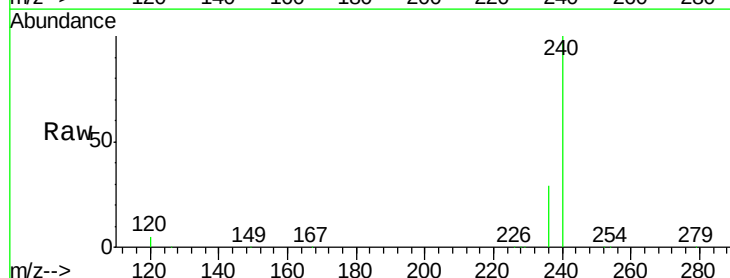
Tgt Ion:228 Resp: 900

Ion Ratio Lower Upper

228 100

226 17.5 21.0 31.4#

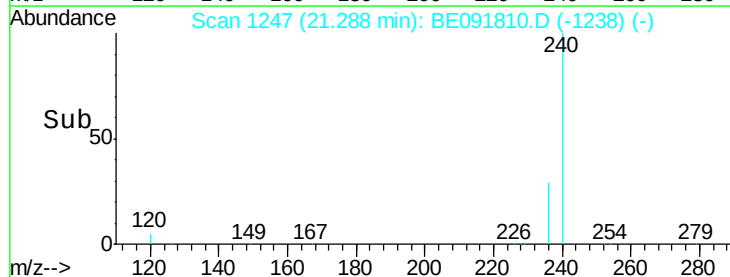
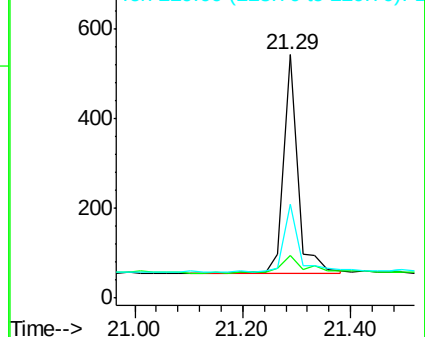
229 38.4 15.7 23.5#

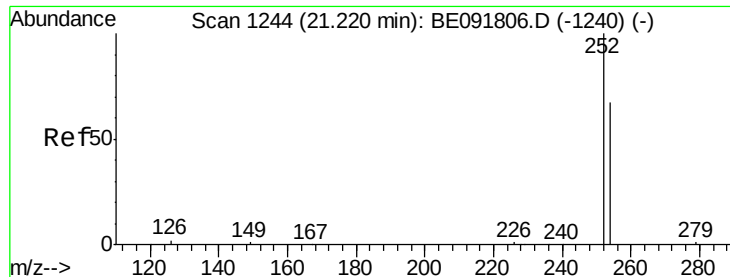


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

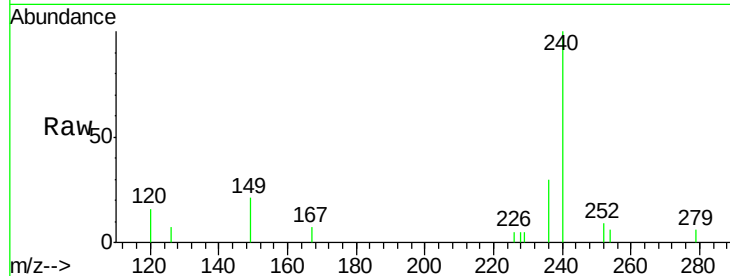




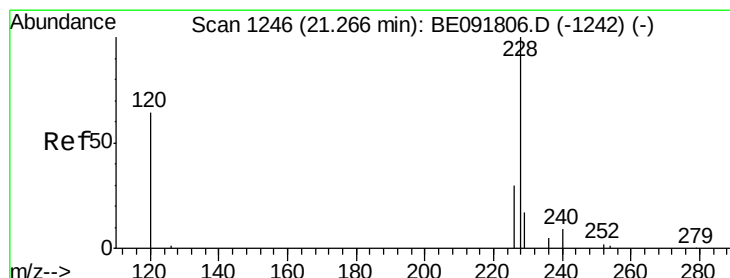
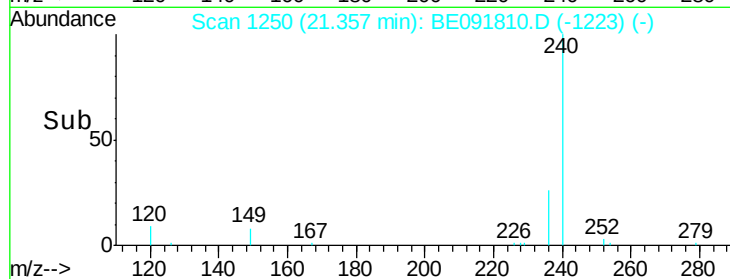
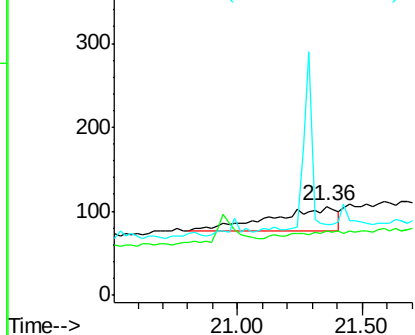
#31
 3,3'-Dichlorobenzidine
 Concen: 0.01 ng
 RT: 21.36 min Scan# 1250
 Delta R.T. 0.11 min
 Lab File: BE091810.D
 Acq: 19 May 2016 15:08

Instrument :
 BNA_E
 ClientSampleID :
 PB90668BL

Tgt Ion: 252 Resp: 506
 Ion Ratio Lower Upper
 252 100
 254 71.7 51.1 76.7
 126 79.2 12.6 18.8#

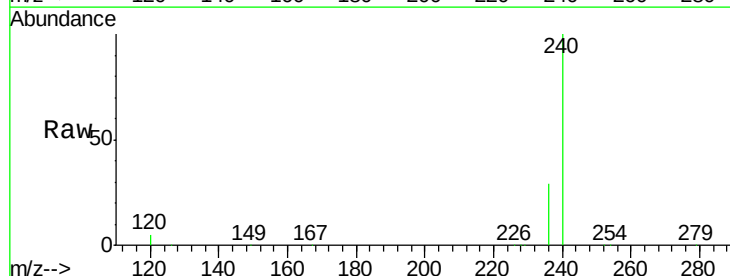


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

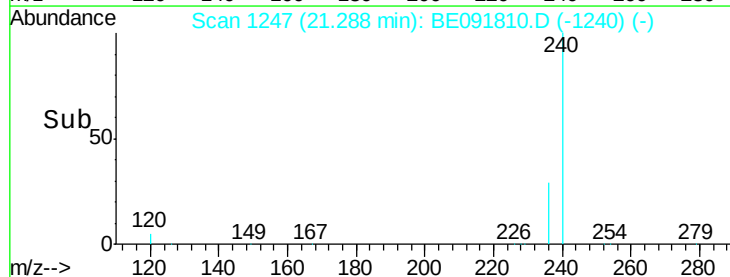
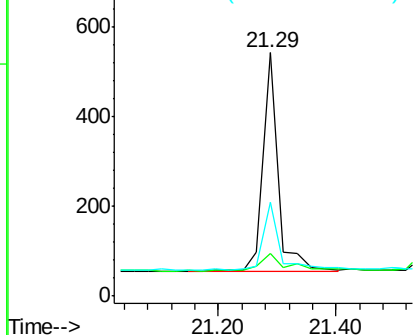


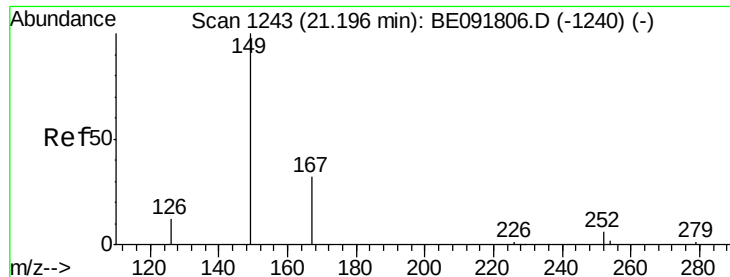
#32
 Chrysene
 Concen: 0.06 ng
 RT: 21.29 min Scan# 1247
 Delta R.T. -0.05 min
 Lab File: BE091810.D
 Acq: 19 May 2016 15:08

Tgt Ion: 228 Resp: 887
 Ion Ratio Lower Upper
 228 100
 226 17.5 24.0 36.0#
 229 38.4 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: 0.26 ng

RT: 21.20 min Scan# 1243

Delta R.T. -0.02 min

Lab File: BE091810.D

Acq: 19 May 2016 15:08

Instrument :

BNA_E

ClientSampleId :

PB90668BL

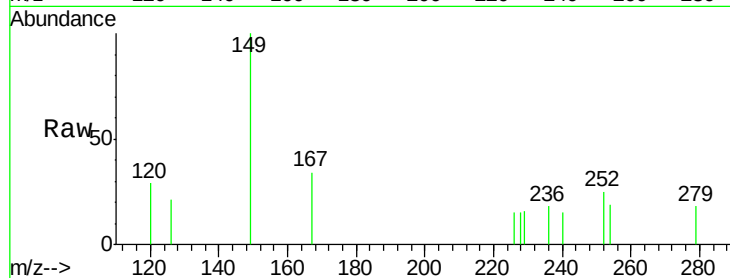
Tgt Ion:149 Resp: 315

Ion Ratio Lower Upper

149 100

167 25.4 19.5 29.3

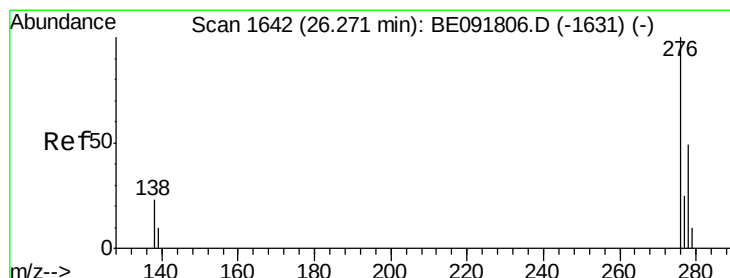
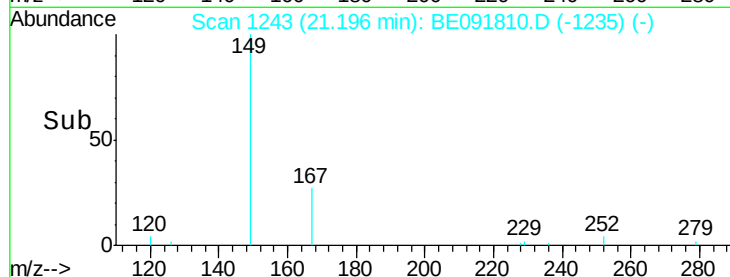
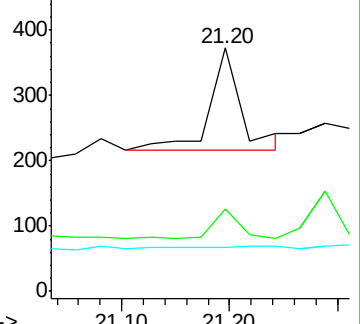
279 0.0 10.0 15.0#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#34

Indeno(1,2,3-cd)pyrene

Concen: 0.00 ng

RT: 26.29 min Scan# 1644

Delta R.T. -0.01 min

Lab File: BE091810.D

Acq: 19 May 2016 15:08

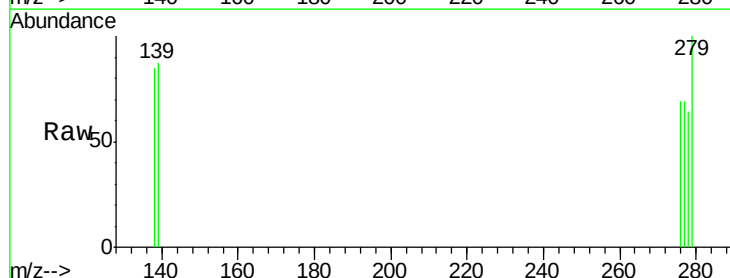
Tgt Ion:276 Resp: 74

Ion Ratio Lower Upper

276 100

138 28.4 23.4 35.2

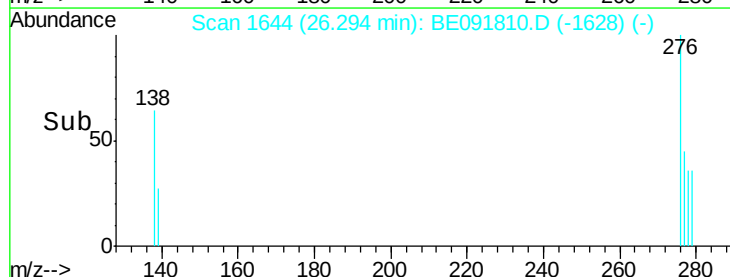
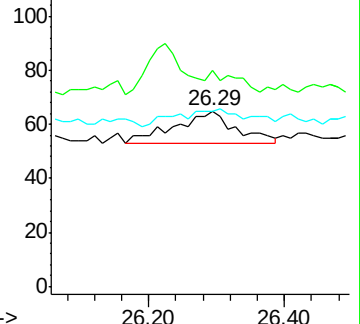
277 55.4 19.8 29.8#

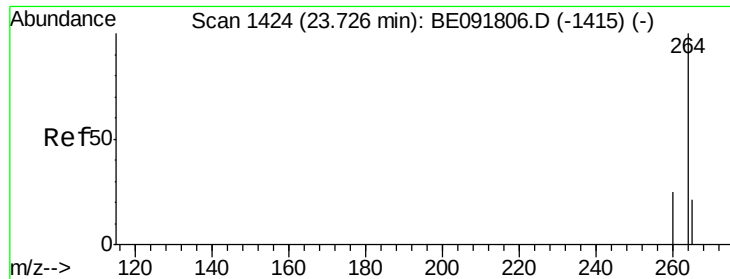


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

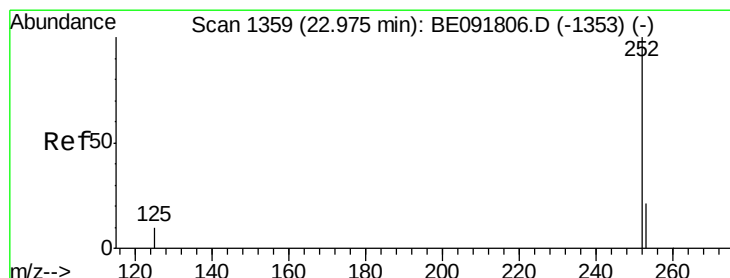
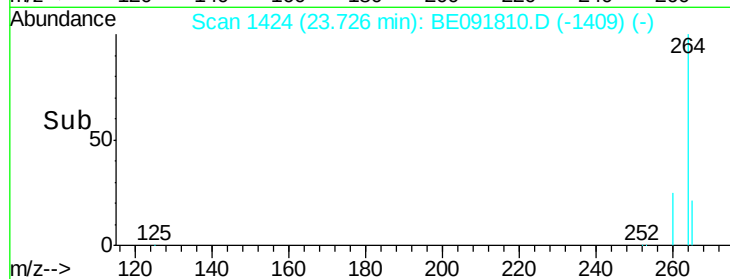
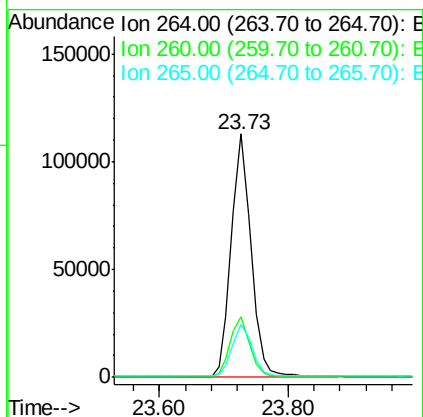
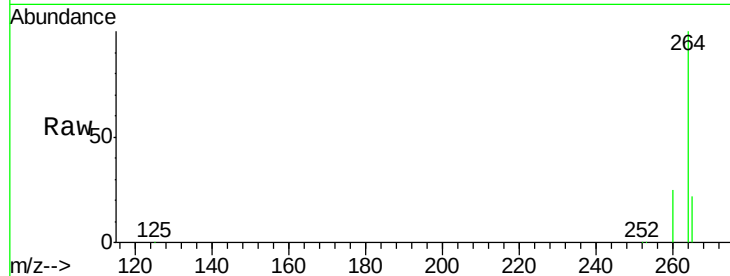




#35
Perylene-d12
 Concen: 5.00 ng
 RT: 23.73 min Scan# 1424
 Delta R.T. -0.02 min
 Lab File: BE091810.D
 Acq: 19 May 2016 15:08

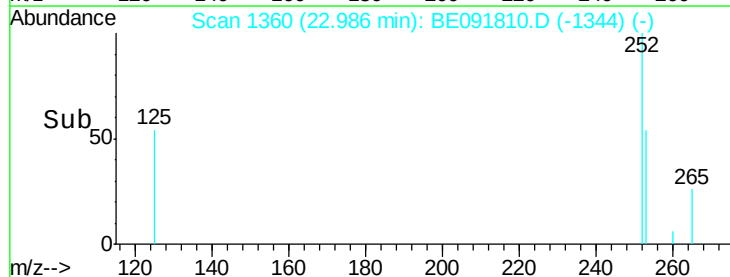
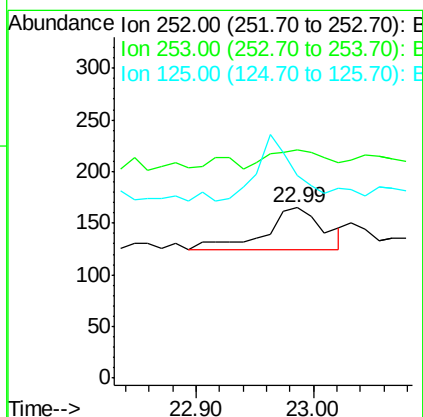
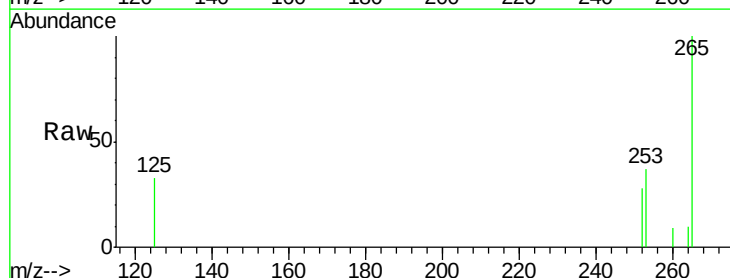
Instrument :
 BNA_E
 ClientSampleId :
 PB90668BL

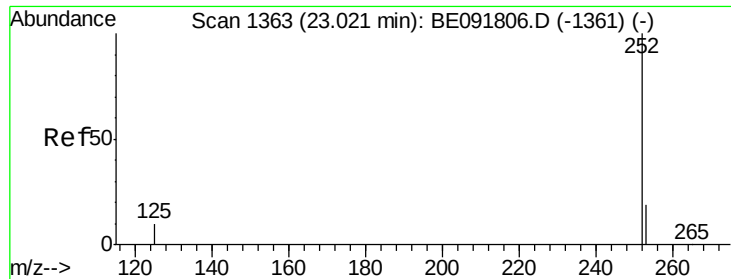
Tgt Ion: 264 Resp: 241400
 Ion Ratio Lower Upper
 264 100
 260 24.8 20.0 30.0
 265 21.7 17.5 26.3



#36
Benzo(b)fluoranthene
 Concen: 0.00 ng
 RT: 22.99 min Scan# 1360
 Delta R.T. -0.01 min
 Lab File: BE091810.D
 Acq: 19 May 2016 15:08

Tgt Ion: 252 Resp: 143
 Ion Ratio Lower Upper
 252 100
 253 133.9 17.4 26.0#
 125 118.8 10.2 15.2#





#37

Benzo(k)fluoranthene

Concen: 0.00 ng

RT: 22.99 min Scan# 1360

Delta R.T. -0.06 min

Lab File: BE091810.D

Acq: 19 May 2016 15:08

Instrument :

BNA_E

ClientSampleId :

PB90668BL

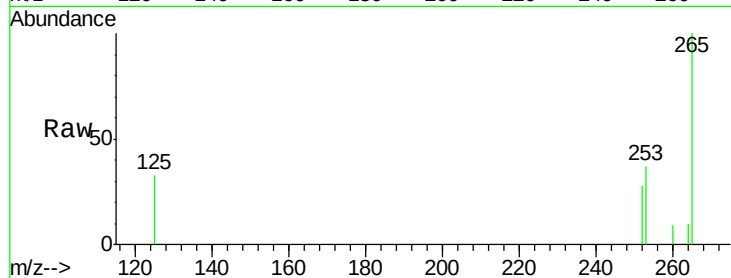
Tgt Ion: 252 Resp: 143

Ion Ratio Lower Upper

252 100

253 133.9 17.6 26.4#

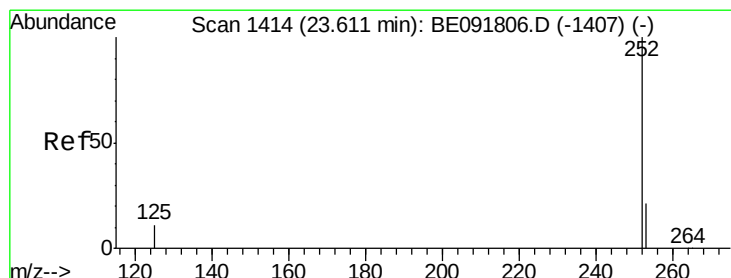
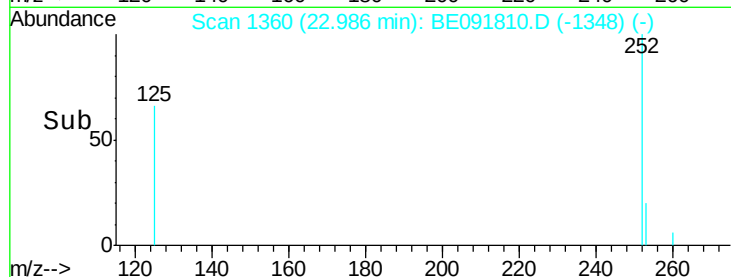
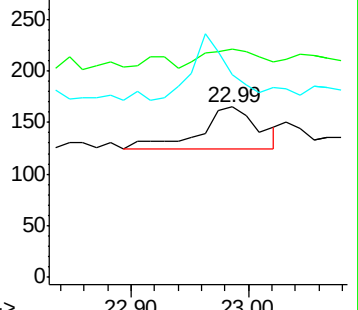
125 118.8 9.9 14.9#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#38

Benzo(a)pyrene

Concen: 0.00 ng

RT: 23.61 min Scan# 1414

Delta R.T. -0.02 min

Lab File: BE091810.D

Acq: 19 May 2016 15:08

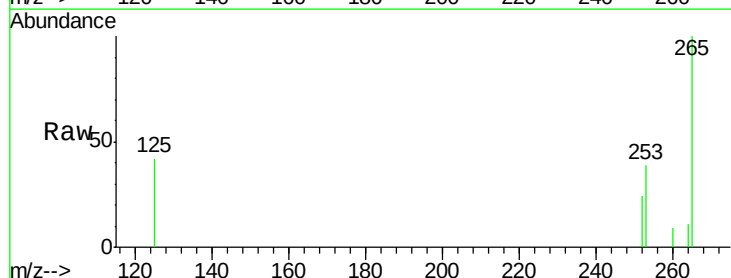
Tgt Ion: 252 Resp: 42

Ion Ratio Lower Upper

252 100

253 161.8 18.1 27.1#

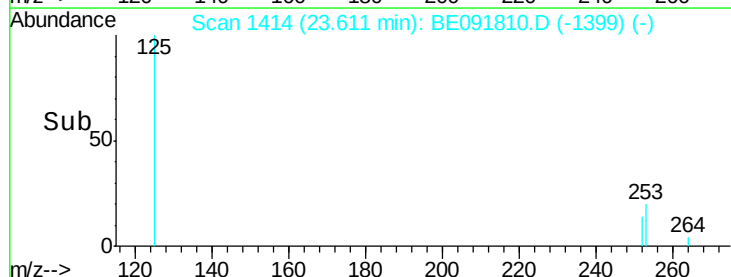
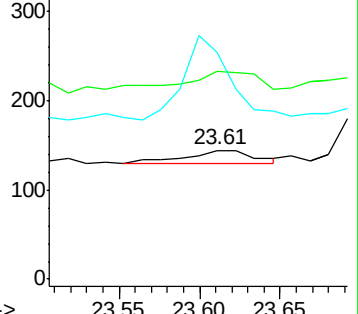
125 177.1 11.0 16.4#

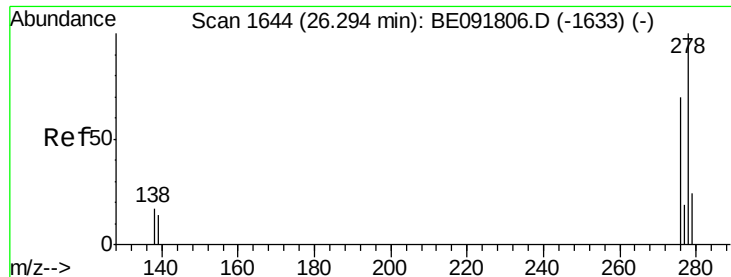


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#39

Dibenzo(a,h)anthracene

Concen: 0.00 ng

RT: 26.31 min Scan# 1645

Delta R.T. -0.03 min

Lab File: BE091810.D

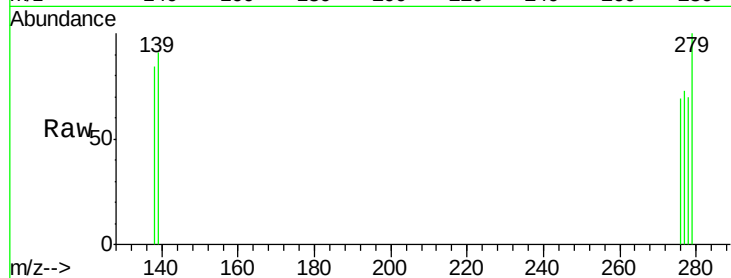
Acq: 19 May 2016 15:08

Instrument :

BNA_E

ClientSampleId :

PB90668BL



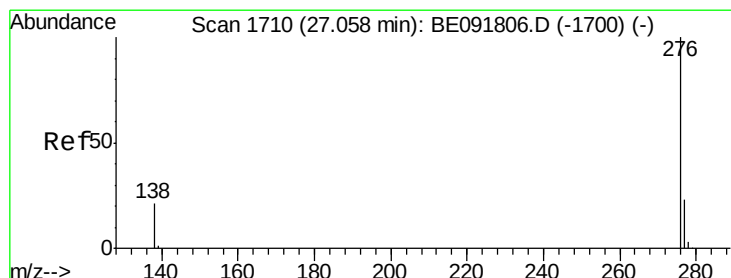
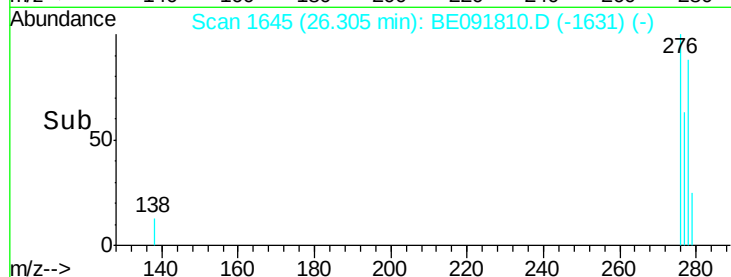
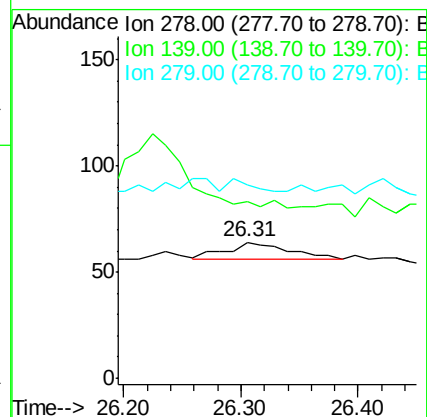
Tgt Ion: 278 Resp: 31

Ion Ratio Lower Upper

278 100

139 129.7 16.0 24.0#

279 142.2 19.4 29.2#



#40

Benzo(g,h,i)perylene

Concen: 0.00 ng

RT: 27.00 min Scan# 1705

Delta R.T. -0.10 min

Lab File: BE091810.D

Acq: 19 May 2016 15:08

Tgt Ion: 276 Resp: 14

Ion Ratio Lower Upper

276 100

277 103.3 18.6 28.0#

138 125.0 20.4 30.6#

