

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE030617\
 Data File : BE092801.D
 Acq On : 6 Mar 2017 23:54
 Operator : SJ/MA
 Sample : I2052-05
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 CPS113051

Quant Time: Mar 07 02:20:23 2017
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE030617.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 06 15:46:01 2017
 Response via : Initial Calibration

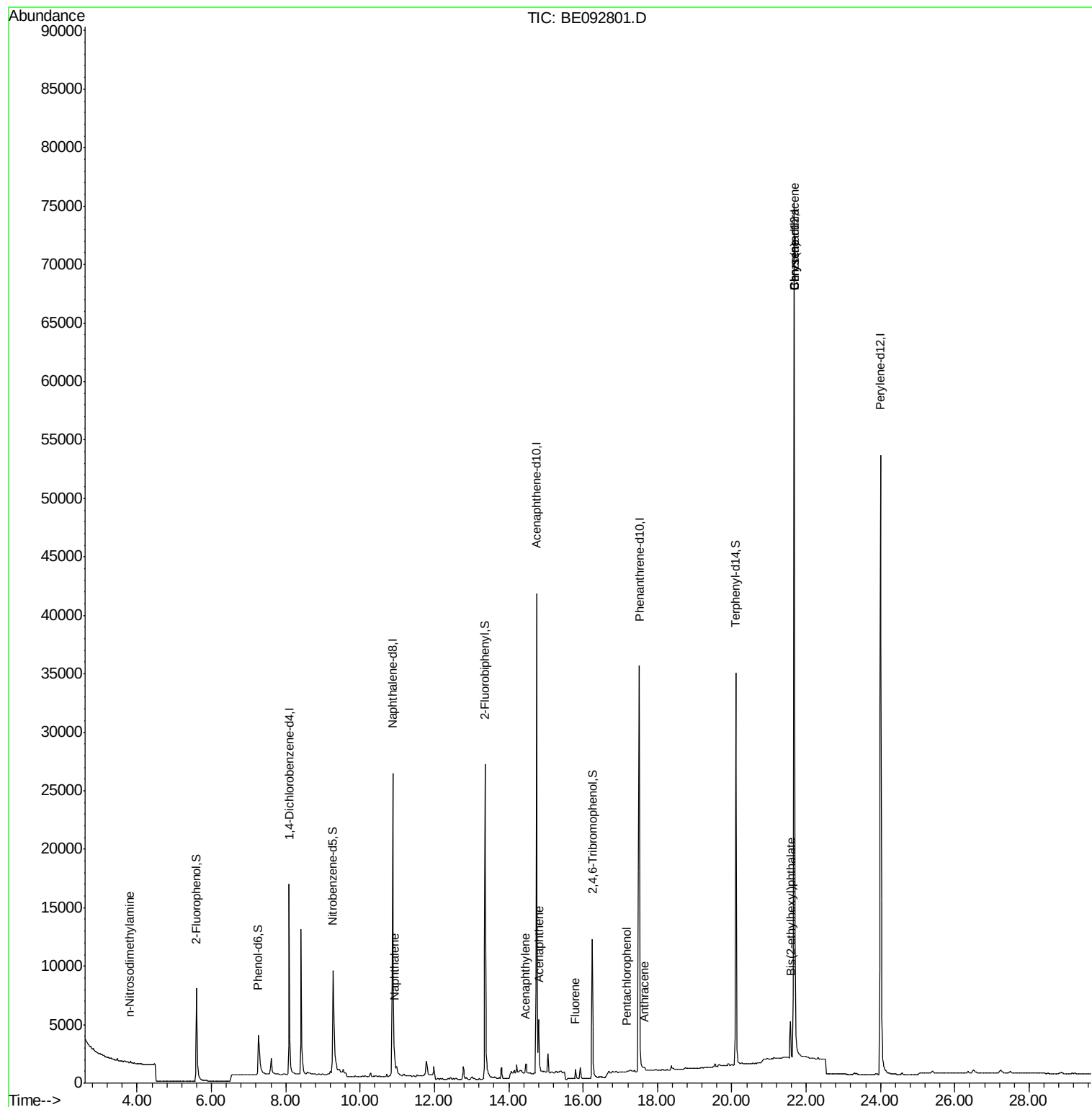
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.09	152	9670	5.00	ng	-0.02
7) Naphthalene-d8	10.88	136	42696	5.00	ng	-0.02
12) Acenaphthene-d10	14.75	164	25910	5.00	ng	-0.02
18) Phenanthrene-d10	17.51	188	62788	5.00	ng	0.00
24) Chrysene-d12	21.68	240	88287	5.00	ng	-0.02
31) Perylene-d12	24.01	264	75943	5.00	ng	-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.60	112	8421	4.12	ng	-0.03
5) Phenol-d6	7.27	99	6263	2.57	ng	-0.05
8) Nitrobenzene-d5	9.27	82	11911	4.56	ng	-0.05
13) 2,4,6-Tribromophenol	16.25	330	9773	14.34	ng	-0.03
14) 2-Fluorobiphenyl	13.36	172	31121	5.09	ng	-0.03
26) Terphenyl-d14	20.10	244	52911	4.97	ng	-0.03
Target Compounds						Qvalue
3) n-Nitrosodimethylamine	3.82	42	58	0.04	ng	# 3
9) Naphthalene	10.91	128	2105	0.23	ng	# 39
15) Acenaphthylene	14.46	152	1100	0.03	ng	# 10
16) Acenaphthene	14.82	154	1010	0.18	ng	82
17) Fluorene	15.80	166	733	0.10	ng	99
20) Pentachlorophenol	17.19	266	144	0.24	ng	92
22) Anthracene	17.65	178	500	0.03	ng	# 93
27) Benzo(a)anthracene	21.68	228	1699	0.09	ng	# 46
28) Chrysene	21.68	228	1725	0.02	ng	# 66
29) Bis(2-ethylhexyl)phthalate	21.59	149	4763	0.68	ng	# 72

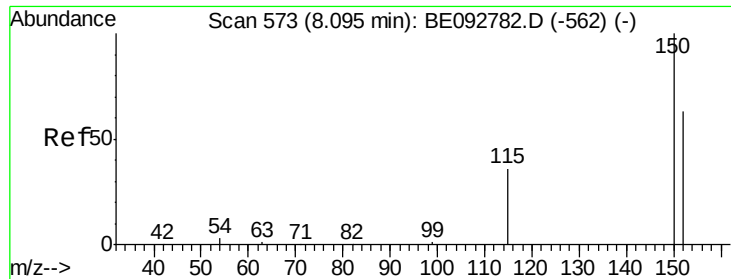
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 8.09 min Scan# 573

Delta R.T. -0.02 min

Lab File: BE092801.D

Acq: 6 Mar 2017 23:54

Instrument :

BNA_E

ClientSampleId :

CPS113051

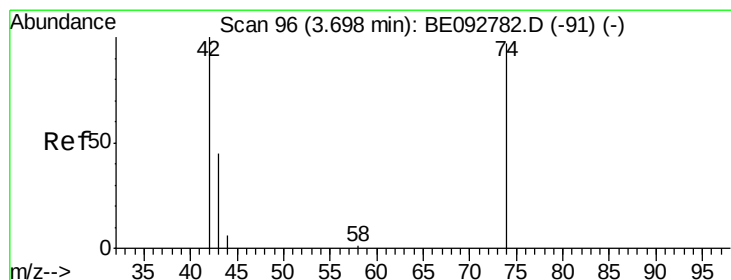
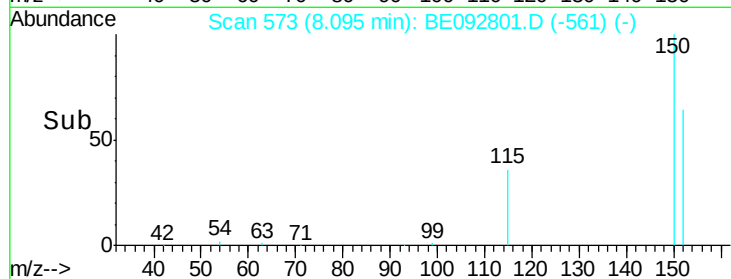
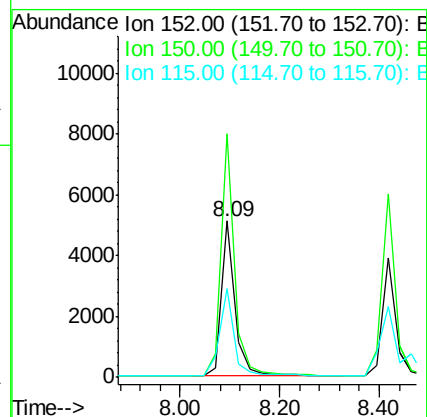
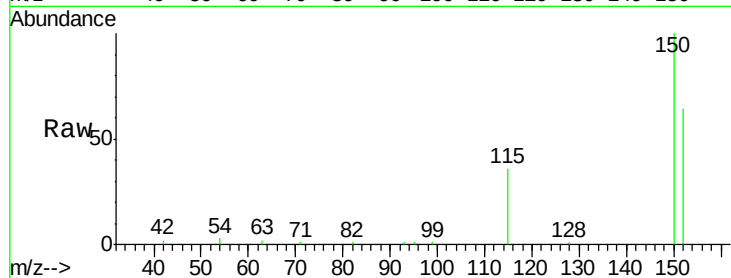
Tgt Ion:152 Resp: 9670

Ion Ratio Lower Upper

152 100

150 155.6 106.0 159.0

115 56.3 31.2 46.8#



#3

n-Nitrosodimethylamine

Concen: 0.04 ng

RT: 3.82 min Scan# 106

Delta R.T. 0.08 min

Lab File: BE092801.D

Acq: 6 Mar 2017 23:54

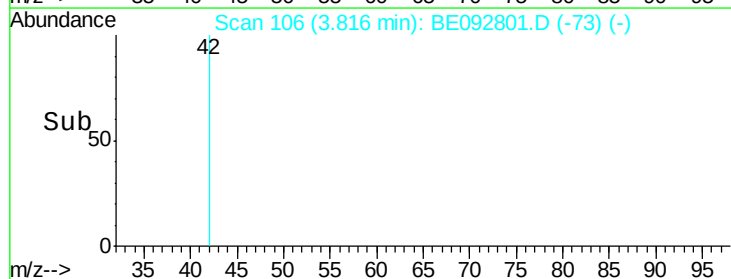
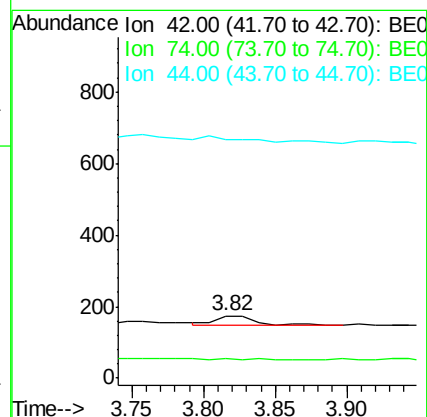
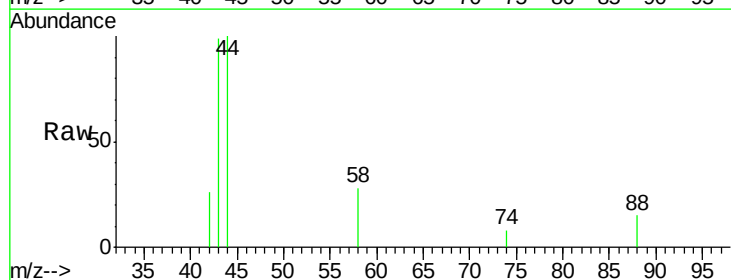
Tgt Ion: 42 Resp: 58

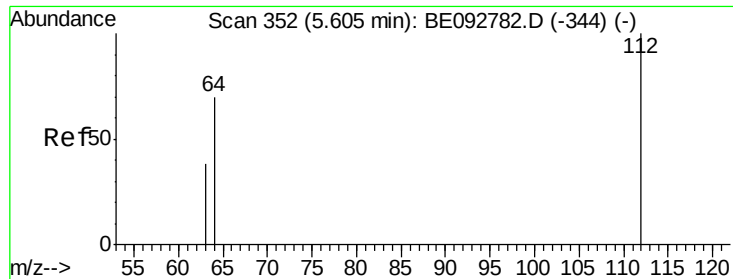
Ion Ratio Lower Upper

42 100

74 1.7 86.0 129.0#

44 0.0 5.1 7.7#





#4

2-Fluorophenol

Concen: 4.12 ng

RT: 5.60 min Scan# 351

Delta R.T. -0.03 min

Lab File: BE092801.D

Acq: 6 Mar 2017 23:54

Instrument :

BNA_E

ClientSampleId :

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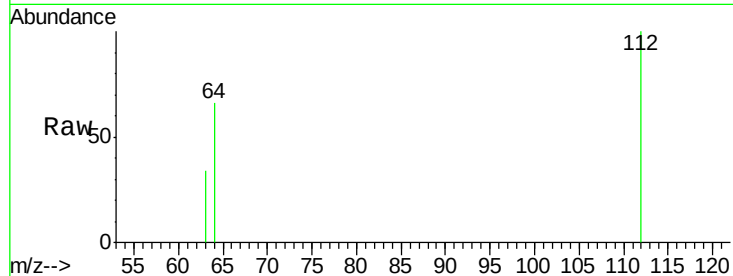
Tgt Ion: 112 Resp: 8421

Ion Ratio Lower Upper

112 100

64 68.3 53.5 80.3

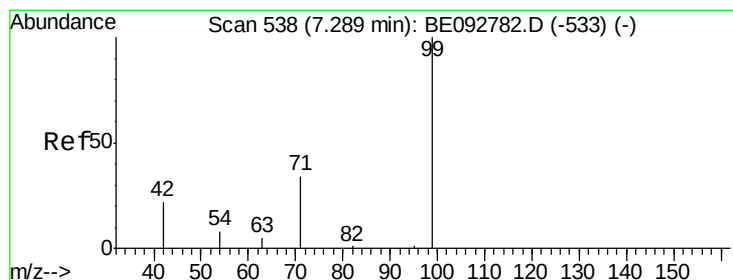
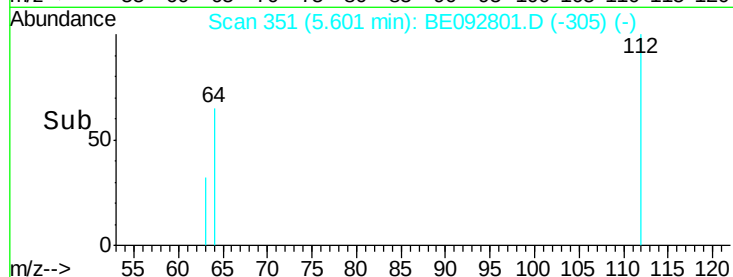
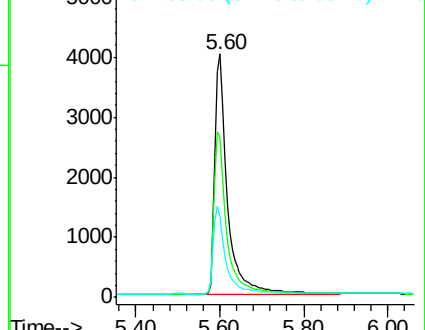
63 35.8 27.9 41.9



Abundance Ion 112.00 (111.70 to 112.70): BE0

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0



#5

Phenol-d6

Concen: 2.57 ng

RT: 7.27 min Scan# 537

Delta R.T. -0.05 min

Lab File: BE092801.D

Acq: 6 Mar 2017 23:54

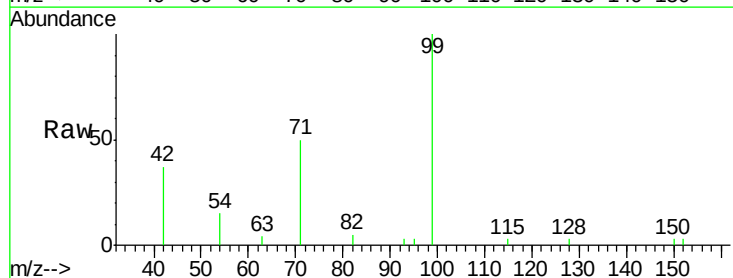
Tgt Ion: 99 Resp: 6263

Ion Ratio Lower Upper

99 100

42 24.5 16.0 24.0#

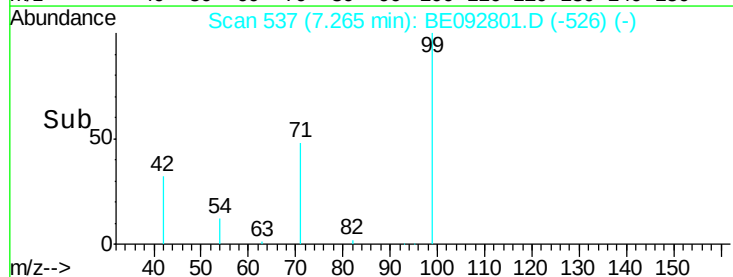
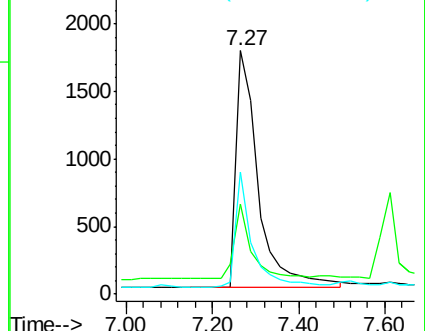
71 35.7 30.6 45.8

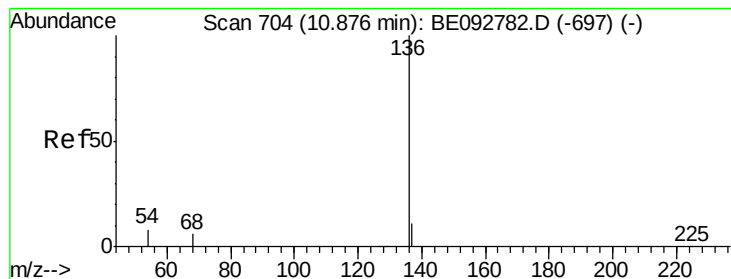


Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0





#7

Naphthalene-d8

Concen: 5.00 ng

RT: 10.88 min Scan# 704

Delta R.T. -0.02 min

Lab File: BE092801.D

Acq: 6 Mar 2017 23:54

Instrument :

BNA_E

ClientSampleId :

CPS113051

Tgt Ion:136 Resp: 42696

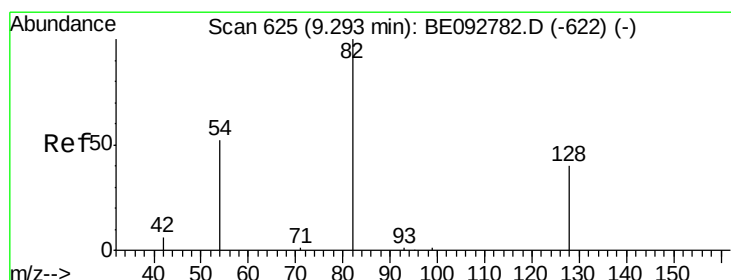
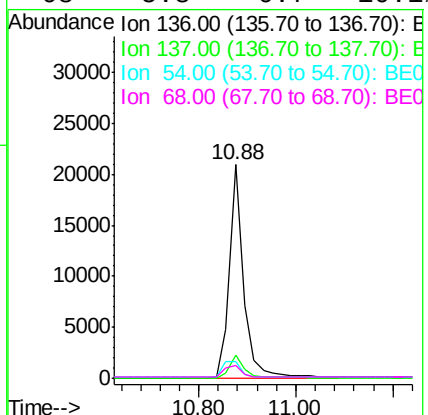
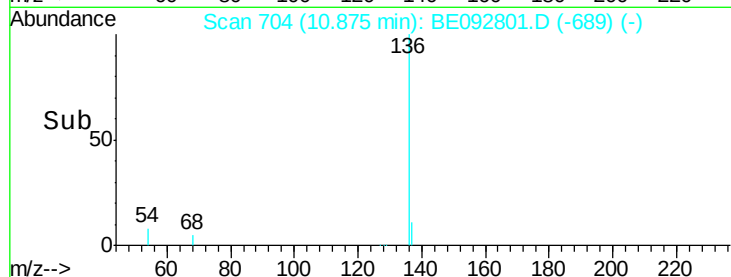
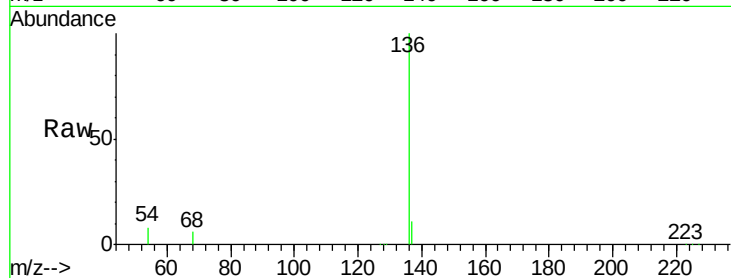
Ion Ratio Lower Upper

136 100

137 11.1 8.2 12.4

54 7.9 9.6 14.4#

68 5.8 6.7 10.1#



#8

Nitrobenzene-d5

Concen: 4.56 ng

RT: 9.27 min Scan# 624

Delta R.T. -0.05 min

Lab File: BE092801.D

Acq: 6 Mar 2017 23:54

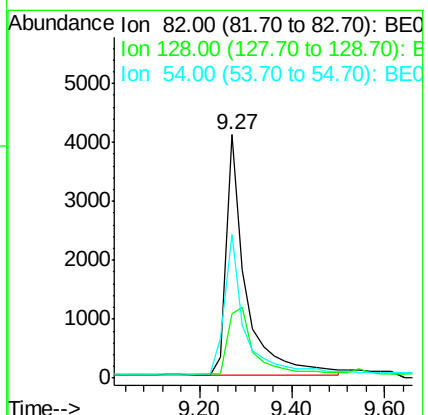
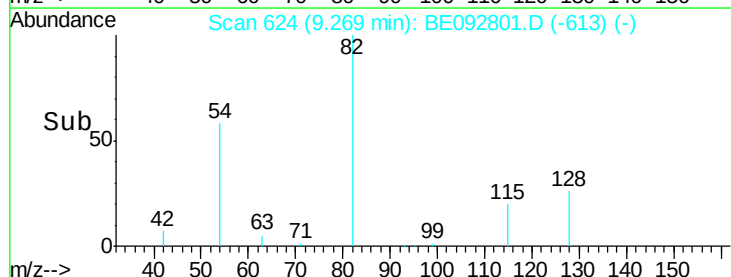
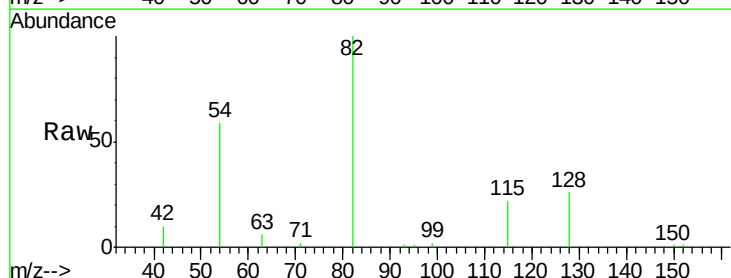
Tgt Ion: 82 Resp: 11911

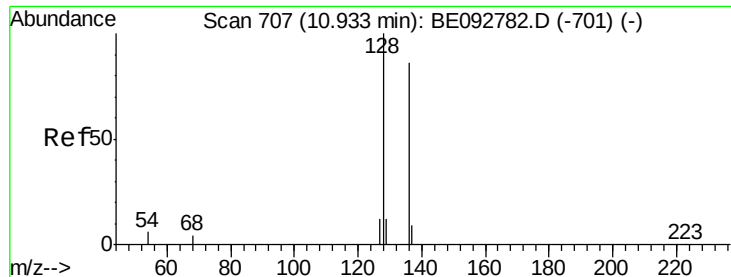
Ion Ratio Lower Upper

82 100

128 26.5 39.0 58.4#

54 59.1 44.8 67.2

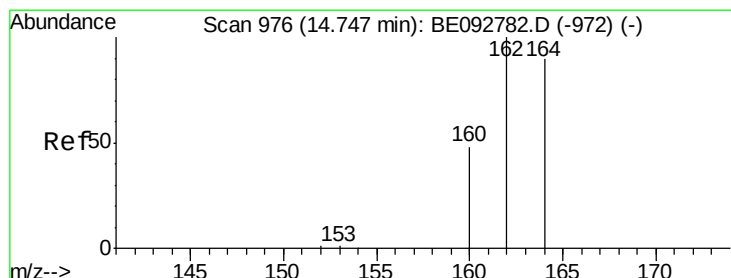
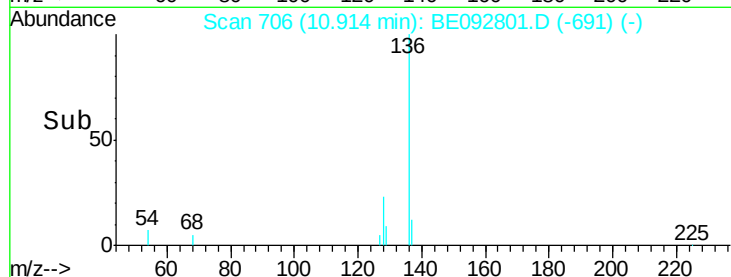
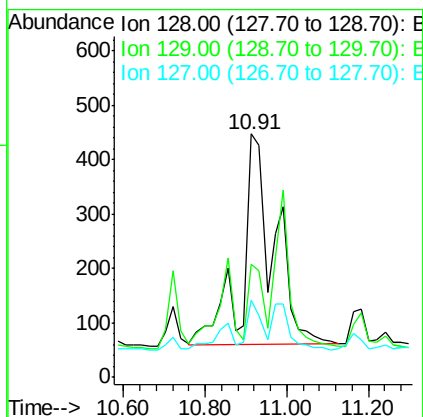
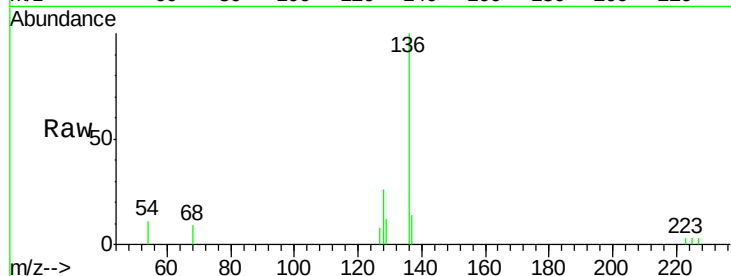




#9
Naphthalene
Concen: 0.23 ng
RT: 10.91 min Scan# 706
Delta R.T. -0.02 min
Lab File: BE092801.D
Acq: 6 Mar 2017 23:54

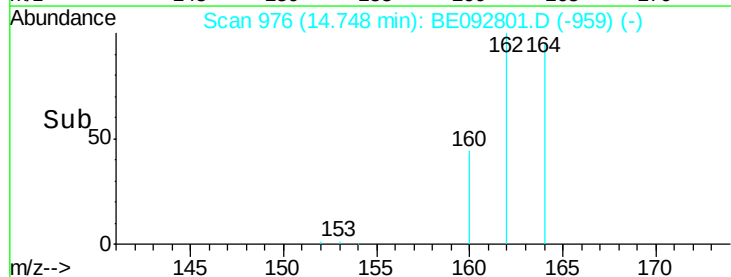
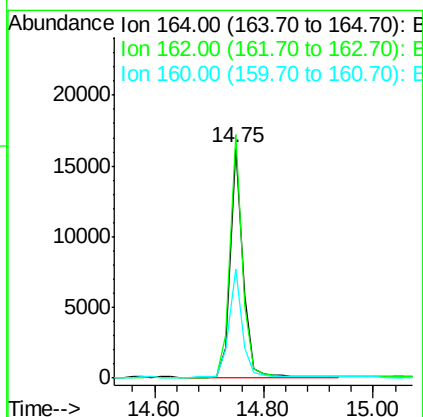
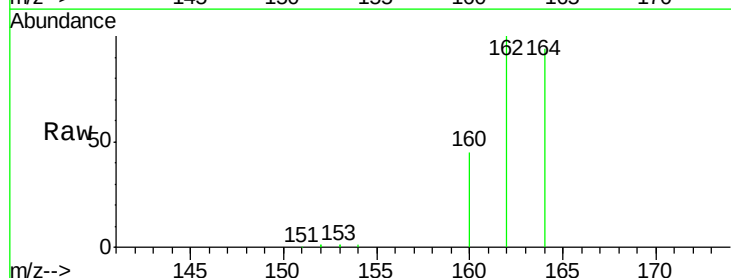
Instrument :
BNA_E
ClientSampleId :
CPS113051

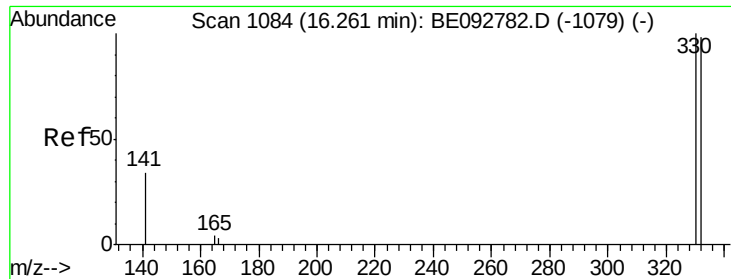
Tgt Ion:128 Resp: 2105
Ion Ratio Lower Upper
128 100
129 46.8 11.2 16.8#
127 32.0 11.6 17.4#



#12
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.75 min Scan# 976
Delta R.T. -0.02 min
Lab File: BE092801.D
Acq: 6 Mar 2017 23:54

Tgt Ion:164 Resp: 25910
Ion Ratio Lower Upper
164 100
162 105.9 71.4 107.0
160 47.5 27.4 41.2#

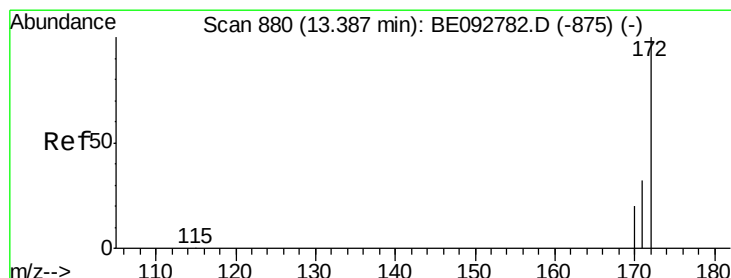
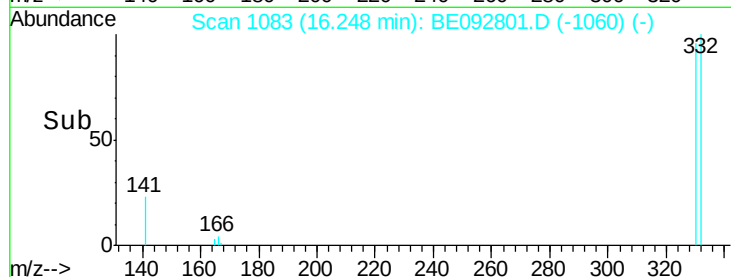
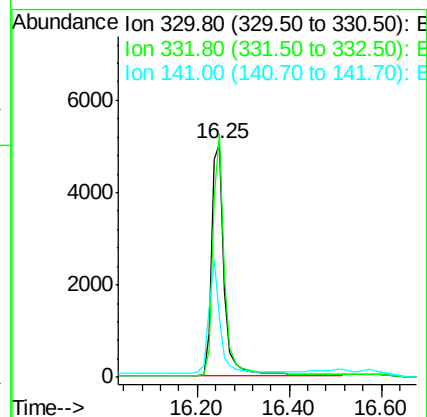
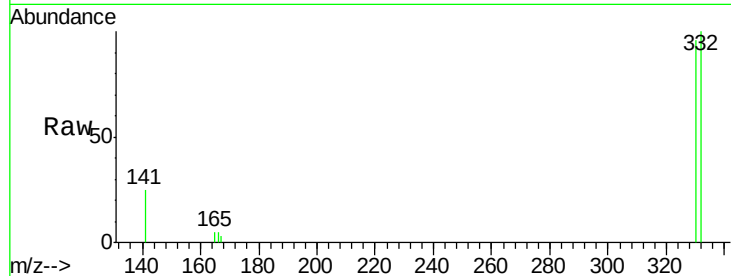




#13
 2,4,6-Tribromophenol
 Concen: 14.34 ng
 RT: 16.25 min Scan# 1083
 Delta R.T. -0.03 min
 Lab File: BE092801.D
 Acq: 6 Mar 2017 23:54

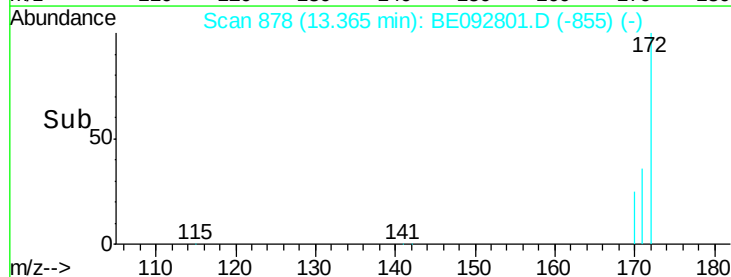
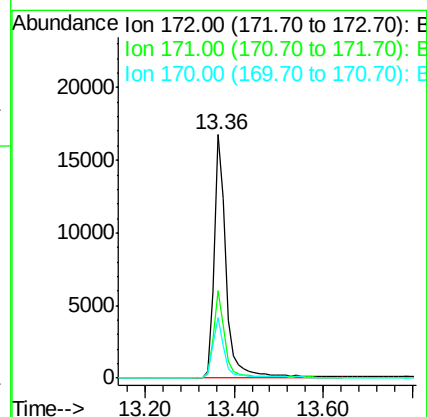
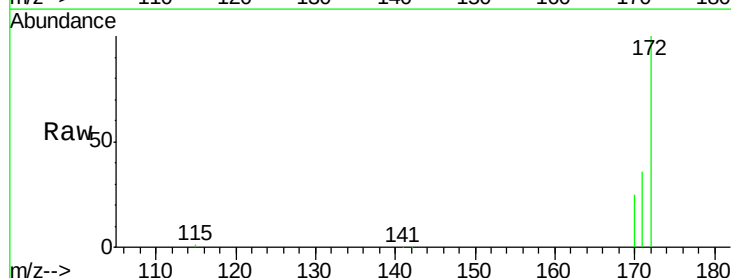
Instrument :
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 CPS113051

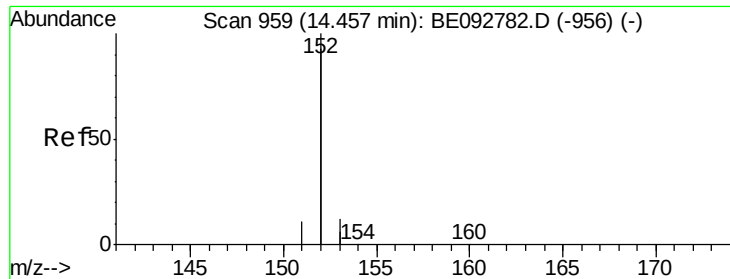
Tgt Ion: 330 Resp: 9773
 Ion Ratio Lower Upper
 330 100
 332 96.4 75.4 113.0
 141 45.1 31.0 46.6



#14
 2-Fluorobiphenyl
 Concen: 5.09 ng
 RT: 13.36 min Scan# 878
 Delta R.T. -0.03 min
 Lab File: BE092801.D
 Acq: 6 Mar 2017 23:54

Tgt Ion: 172 Resp: 31121
 Ion Ratio Lower Upper
 172 100
 171 35.7 30.1 45.1
 170 25.1 21.8 32.6





#15

Acenaphthylene

Concen: 0.03 ng

RT: 14.46 min Scan# 959

Delta R.T. -0.02 min

Lab File: BE092801.D

Acq: 6 Mar 2017 23:54

Instrument :

BNA_E

ClientSampleId :

CPS113051

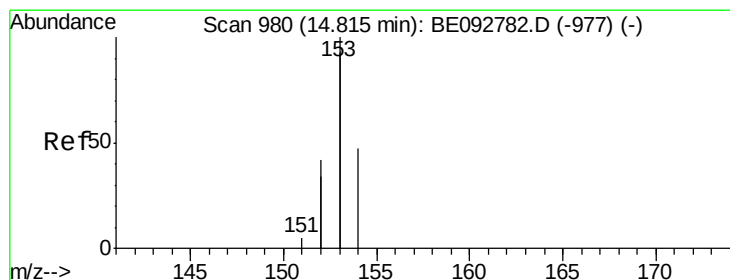
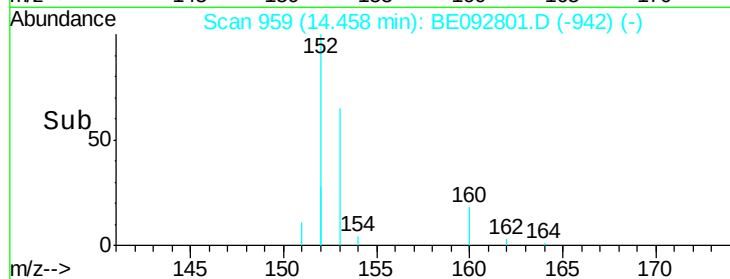
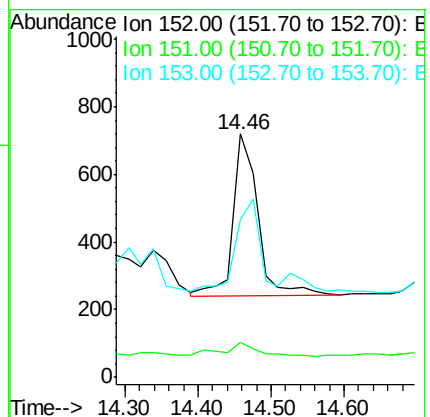
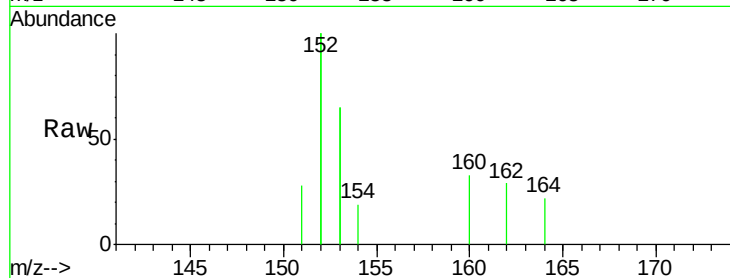
Tgt Ion:152 Resp: 1100

Ion Ratio Lower Upper

152 100

151 11.6 3.9 5.9#

153 59.2 10.4 15.6#



#16

Acenaphthene

Concen: 0.18 ng

RT: 14.82 min Scan# 980

Delta R.T. -0.02 min

Lab File: BE092801.D

Acq: 6 Mar 2017 23:54

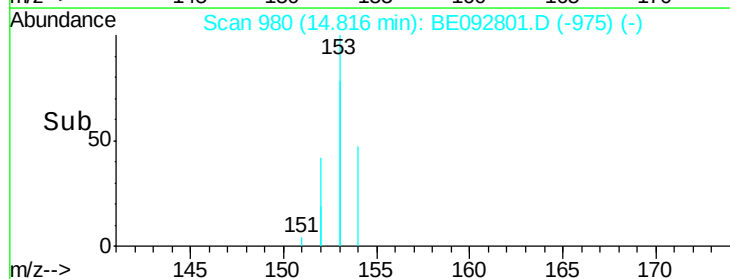
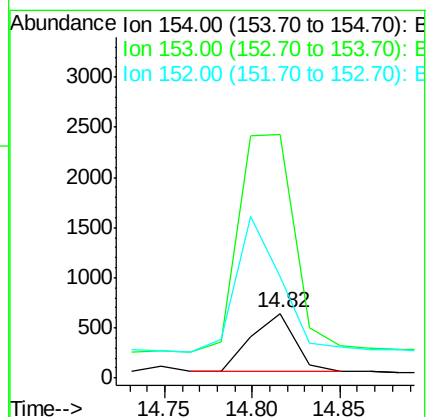
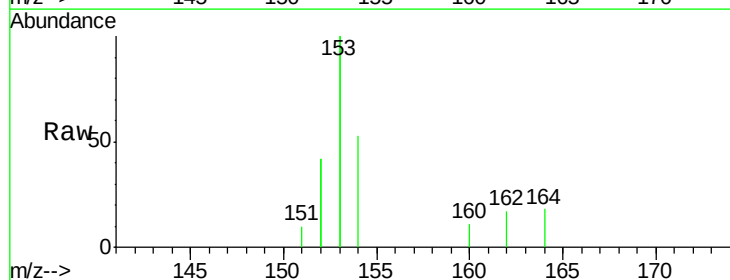
Tgt Ion:154 Resp: 1010

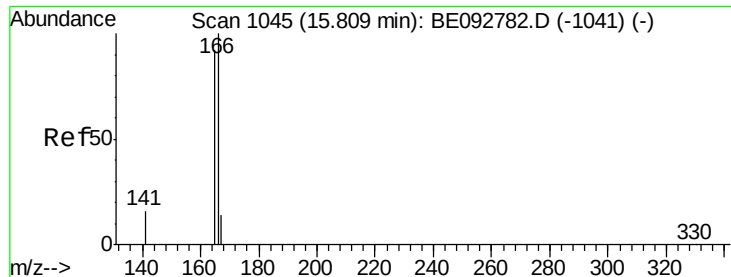
Ion Ratio Lower Upper

154 100

153 482.1 350.8 526.2

152 242.3 171.1 256.7





#17

Fluorene

Concen: 0.10 ng

RT: 15.80 min Scan# 1044

Delta R.T. -0.02 min

Lab File: BE092801.D

Acq: 6 Mar 2017 23:54

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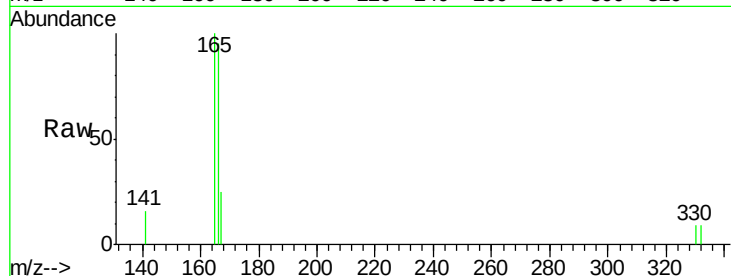
Tgt Ion:166 Resp: 733

Ion Ratio Lower Upper

166 100

165 96.9 78.2 117.4

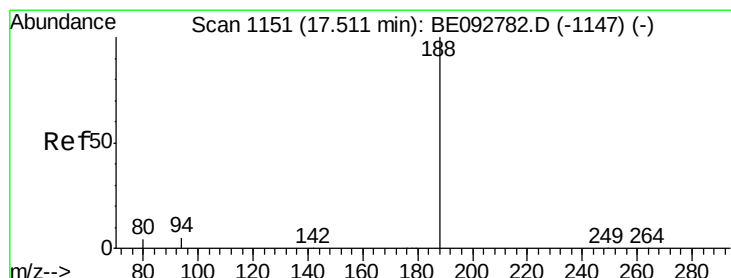
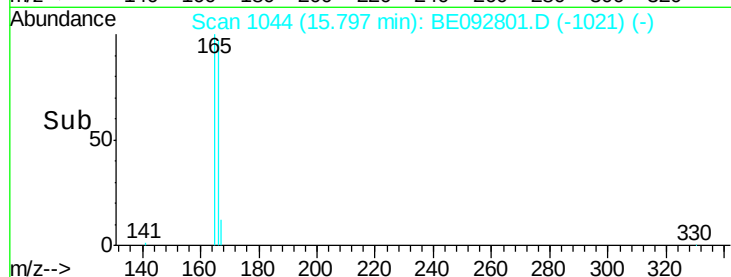
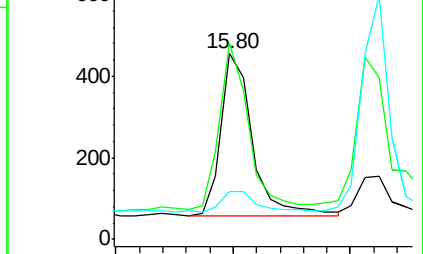
167 14.2 11.0 16.4



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



#18

Phenanthrene-d10

Concen: 5.00 ng

RT: 17.51 min Scan# 1151

Delta R.T. -0.00 min

Lab File: BE092801.D

Acq: 6 Mar 2017 23:54

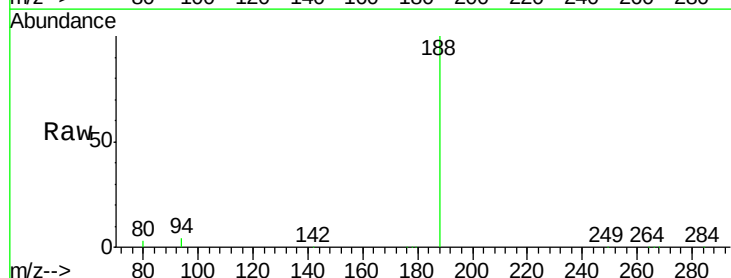
Tgt Ion:188 Resp: 62788

Ion Ratio Lower Upper

188 100

94 3.8 3.2 4.8

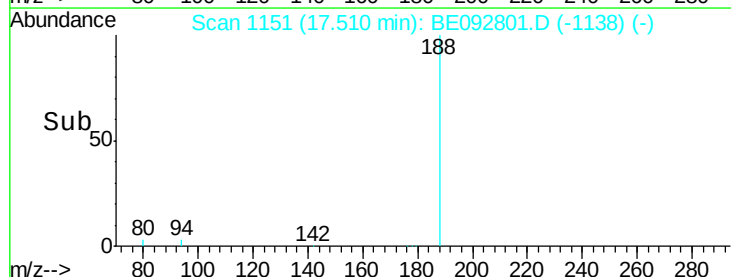
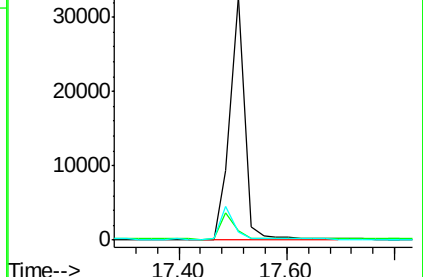
80 3.1 2.6 3.8

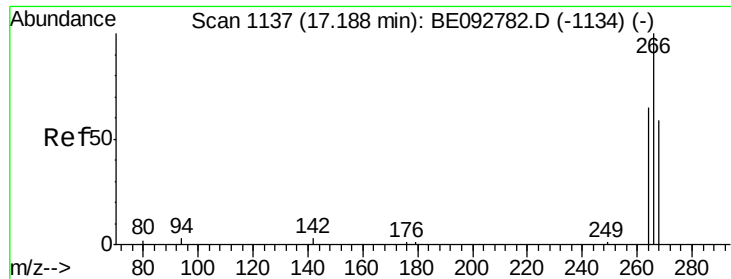


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE0

Ion 80.00 (79.70 to 80.70): BE0





#20

Pentachlorophenol

Concen: 0.24 ng

RT: 17.19 min Scan# 1137

Delta R.T. -0.12 min

Lab File: BE092801.D

Acq: 6 Mar 2017 23:54

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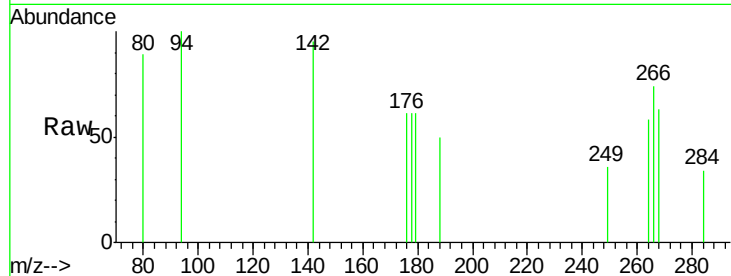
Tgt Ion:266 Resp: 144

Ion Ratio Lower Upper

266 100

268 85.0 62.5 93.7

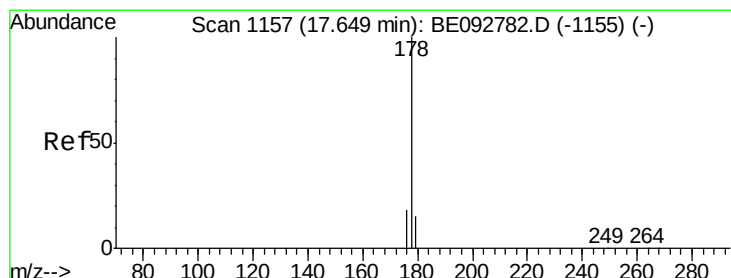
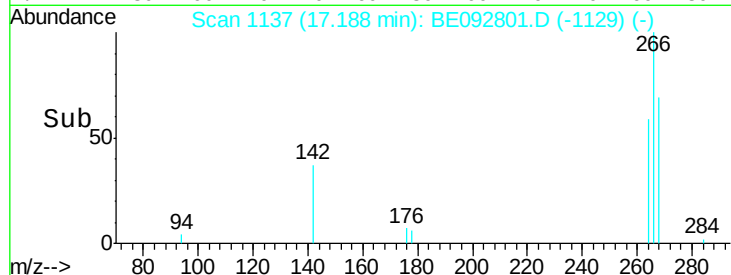
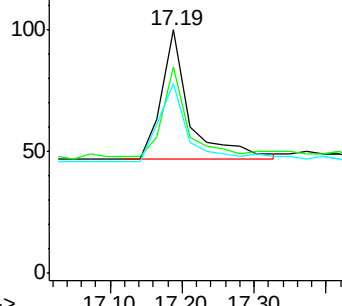
264 78.0 57.2 85.8



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



#22

Anthracene

Concen: 0.03 ng

RT: 17.65 min Scan# 1157

Delta R.T. -0.00 min

Lab File: BE092801.D

Acq: 6 Mar 2017 23:54

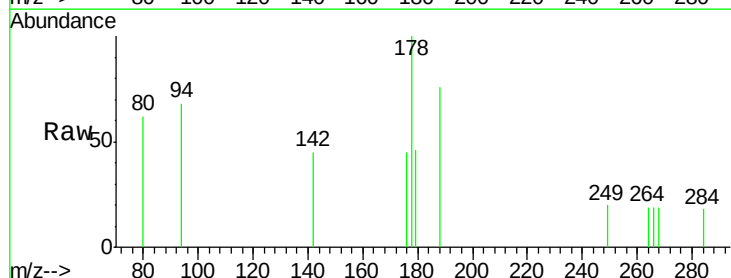
Tgt Ion:178 Resp: 500

Ion Ratio Lower Upper

178 100

176 20.0 15.0 22.4

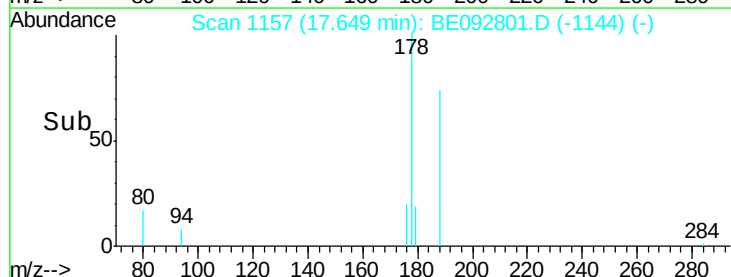
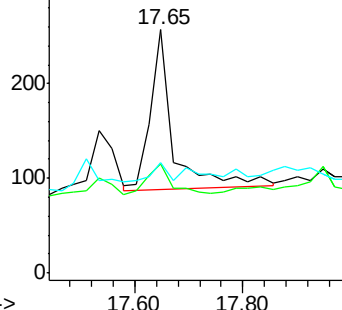
179 10.0 12.2 18.2#

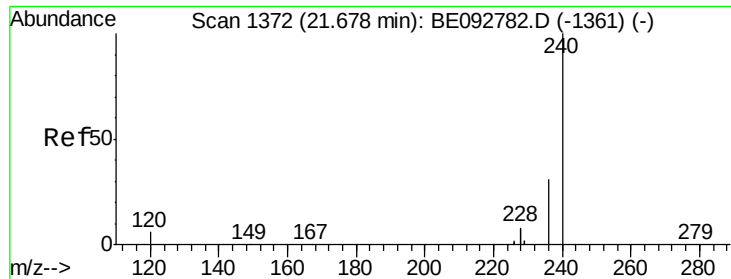


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

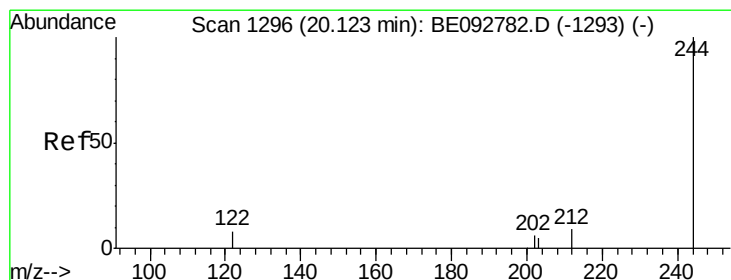
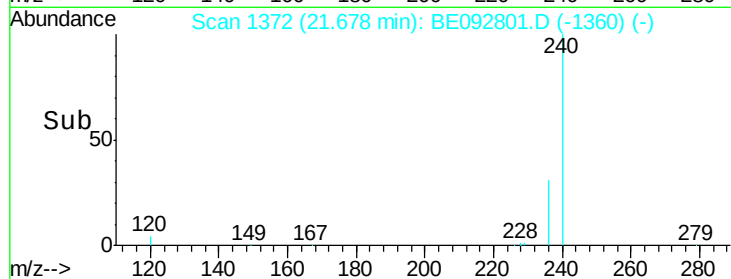
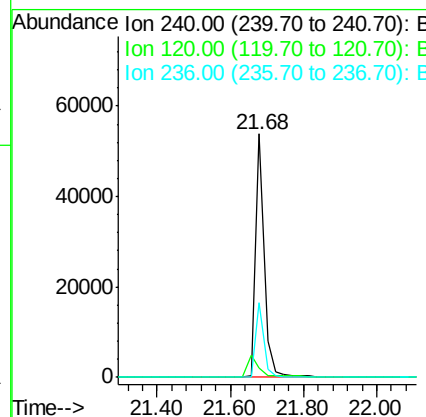
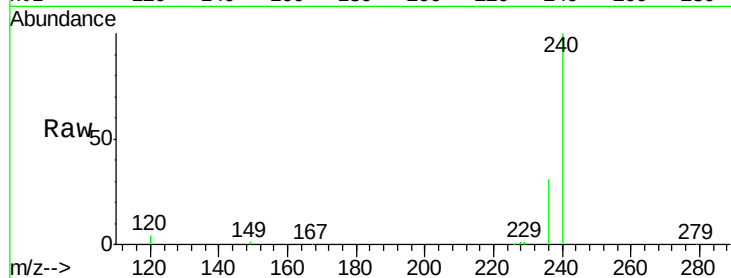




#24
Chrysene-d12
Concen: 5.00 ng
RT: 21.68 min Scan# 1372
Delta R.T. -0.02 min
Lab File: BE092801.D
Acq: 6 Mar 2017 23:54

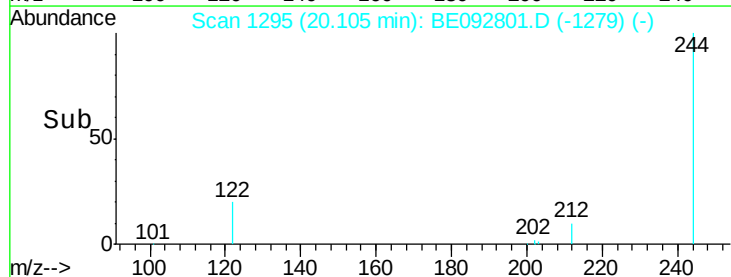
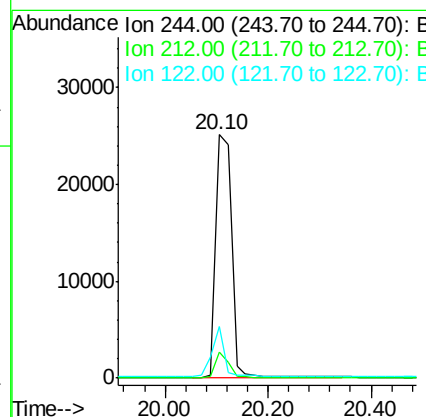
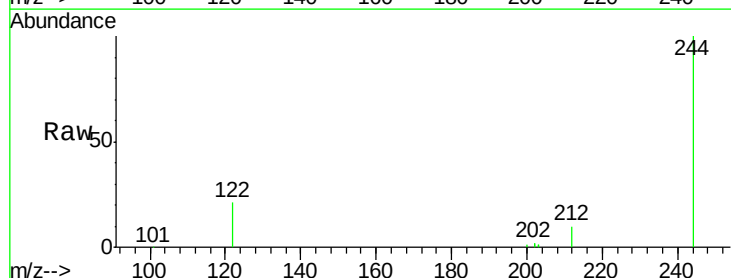
Instrument :
BNA_E
ClientSampleId :
CPS113051

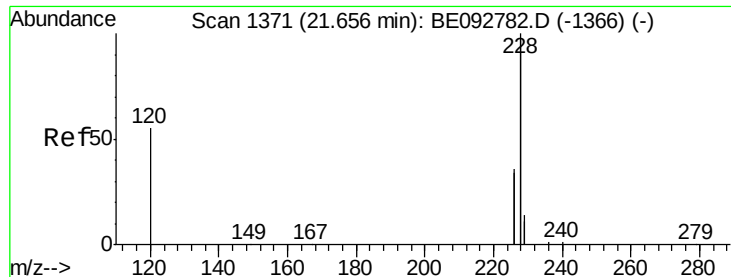
Tgt Ion:240 Resp: 88287
Ion Ratio Lower Upper
240 100
120 4.1 2.6 4.0#
236 30.7 24.6 37.0



#26
Terphenyl-d14
Concen: 4.97 ng
RT: 20.10 min Scan# 1295
Delta R.T. -0.03 min
Lab File: BE092801.D
Acq: 6 Mar 2017 23:54

Tgt Ion:244 Resp: 52911
Ion Ratio Lower Upper
244 100
212 10.5 6.7 10.1#
122 21.2 3.6 5.4#

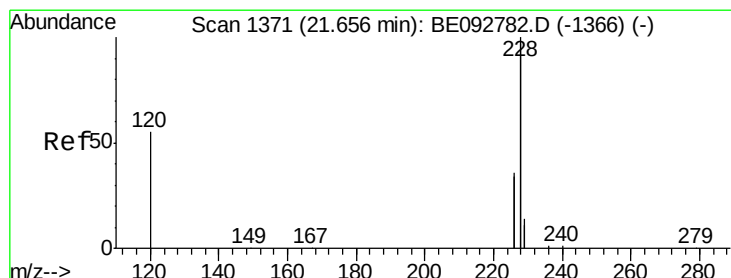
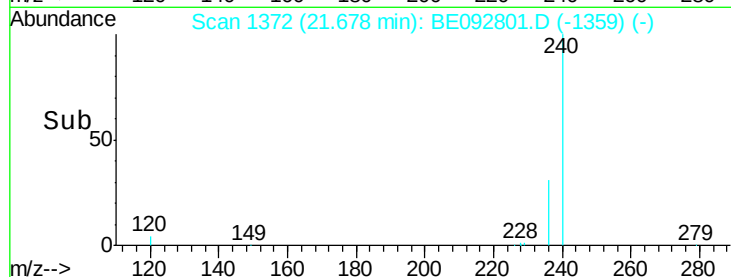
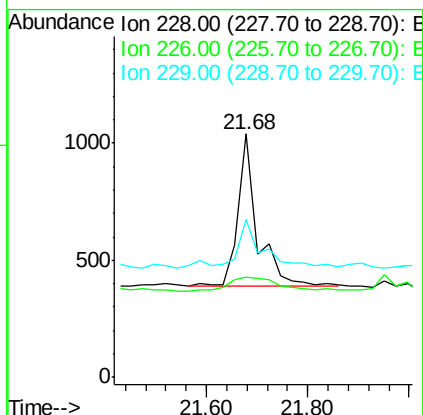
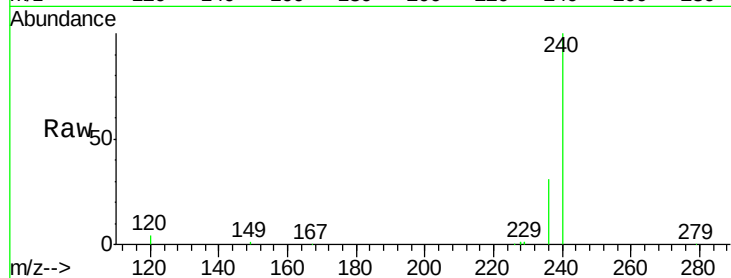




#27
Benzo(a)anthracene
Concen: 0.09 ng
RT: 21.68 min Scan# 1372
Delta R.T. 0.00 min
Lab File: BE092801.D
Acq: 6 Mar 2017 23:54

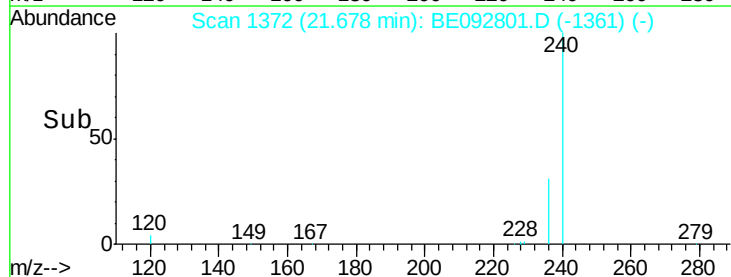
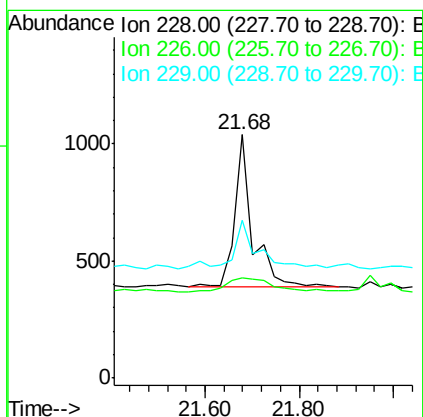
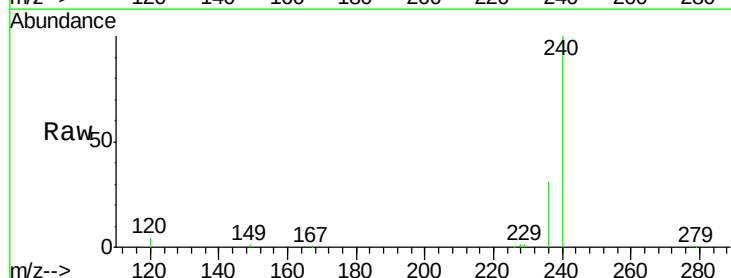
Instrument :
BNA_E
ClientSampled :
CPS113051

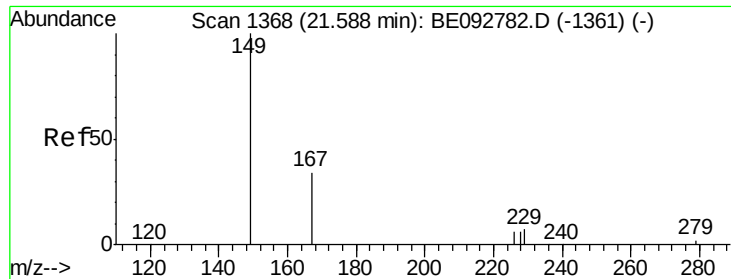
Tgt Ion:228 Resp: 1699
Ion Ratio Lower Upper
228 100
226 41.2 23.6 35.4#
229 64.8 13.3 19.9#



#28
Chrysene
Concen: 0.02 ng
RT: 21.68 min Scan# 1372
Delta R.T. -0.05 min
Lab File: BE092801.D
Acq: 6 Mar 2017 23:54

Tgt Ion:228 Resp: 1725
Ion Ratio Lower Upper
228 100
226 41.2 36.3 54.5
229 64.8 10.6 16.0#

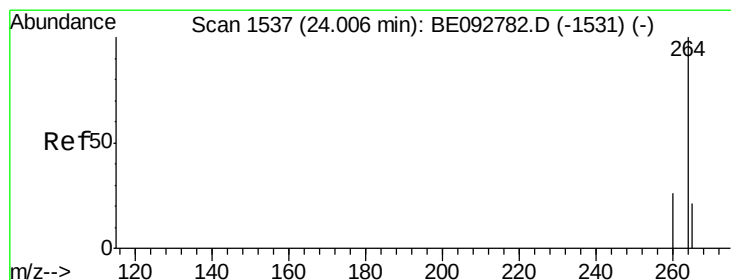
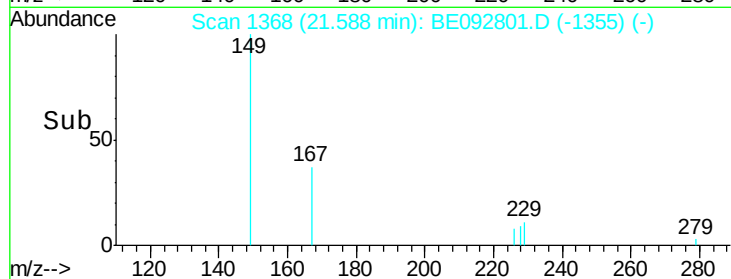
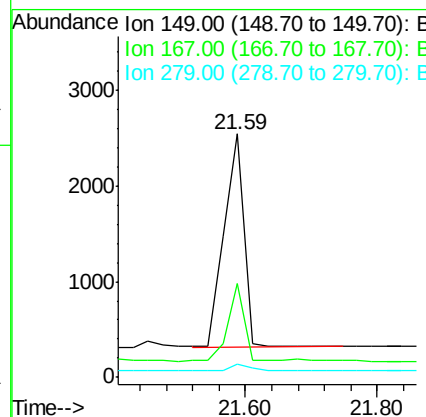
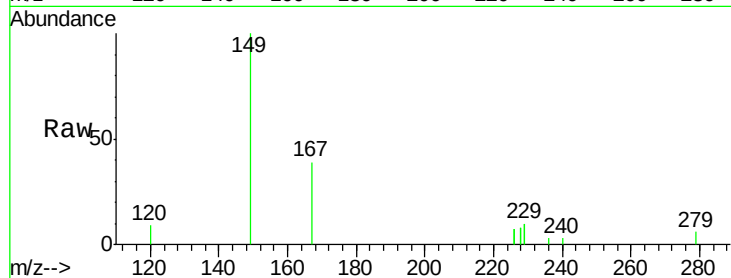




#29
 Bis(2-ethylhexyl)phthalate
 Concen: 0.68 ng
 RT: 21.59 min Scan# 1368
 Delta R.T. 0.00 min
 Lab File: BE092801.D
 Acq: 6 Mar 2017 23:54

Instrument :
 BNA_E
 ClientSampleId :
 CPS113051

Tgt Ion:149 Resp: 4763
 Ion Ratio Lower Upper
 149 100
 167 29.0 16.0 24.0#
 279 3.2 16.0 24.0#



#31
 Perylene-d12
 Concen: 5.00 ng
 RT: 24.01 min Scan# 1537
 Delta R.T. -0.02 min
 Lab File: BE092801.D
 Acq: 6 Mar 2017 23:54

Tgt Ion:264 Resp: 75943
 Ion Ratio Lower Upper
 264 100
 260 25.2 20.1 30.1
 265 21.5 17.9 26.9

