

Data Path : Z:\HPCHEM1\BNA E\DATA\BE041116\
 Data File : BE091640.D
 Acq On : 11 Apr 2016 22:22
 Operator : UM/SJ
 Sample : H2090-03
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 KY038PS037-160330

Quant Time: Apr 12 03:20:10 2016
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE040816.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 08 16:48:14 2016
 Response via : Initial Calibration

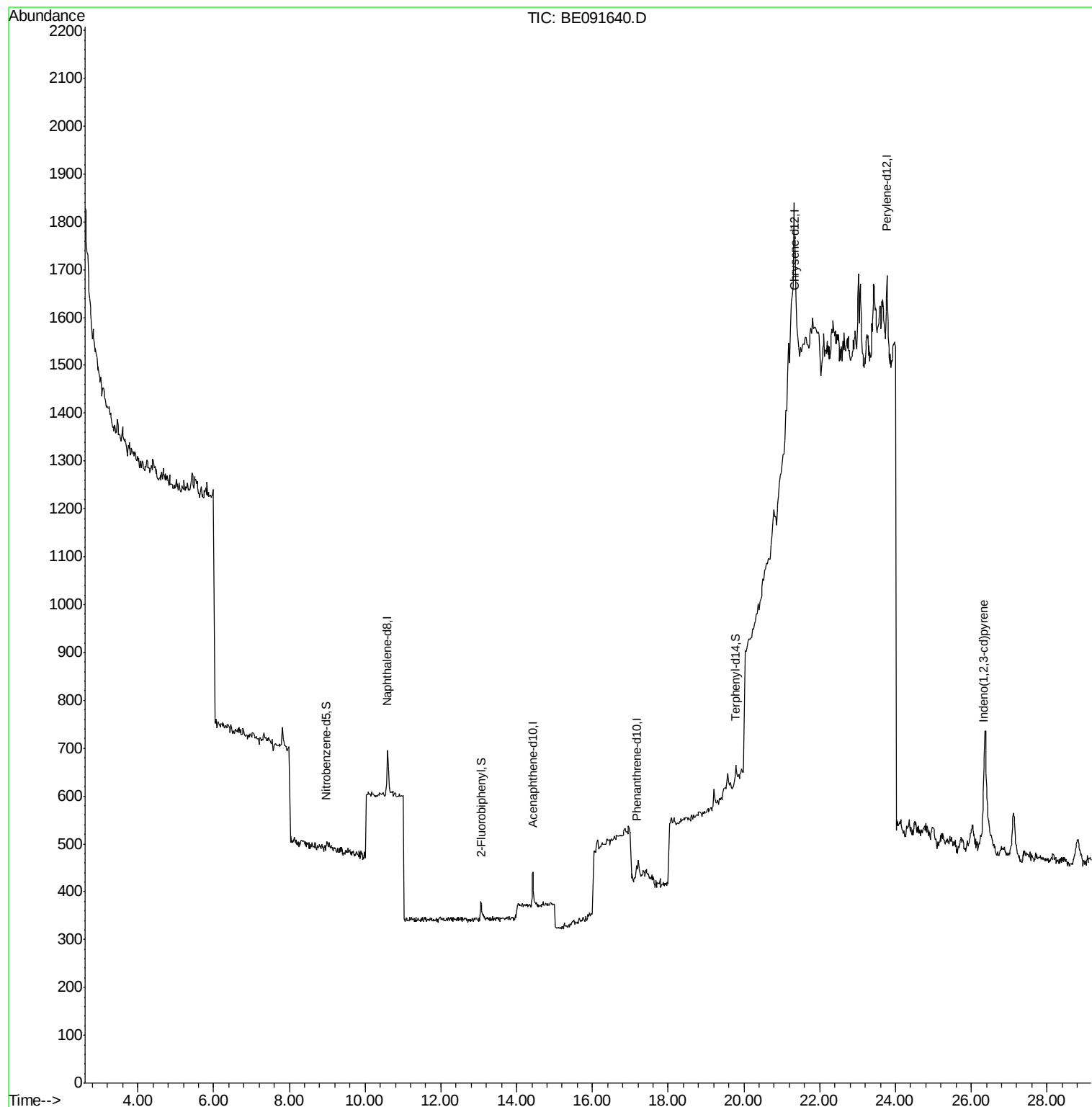
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	0.00	152	0	0.00	ng	-7.82
7) Naphthalene-d8	10.59	136	228	5.00	ng	0.00
13) Acenaphthene-d10	14.43	164	82	5.00	ng	0.01
19) Phenanthrene-d10	17.17	188	53	5.00	ng	0.01
26) Chrysene-d12	21.34	240	640	5.00	ng	0.02
35) Perylene-d12	23.77	264	349	5.00	ng	0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.43	112	75	0.00	ng	0.02
5) Phenol-d6	7.01	99	36	0.00	ng	0.03
8) Nitrobenzene-d5	8.98	82	19	1.43	ng	0.02
14) 2,4,6-Tribromophenol	0.00	330	0	0.00	ng	
15) 2-Fluorobiphenyl	13.06	172	70	3.07	ng	0.01
29) Terphenyl-d14	19.78	244	120	1.50	ng	0.02
Target Compounds						
34) Indeno(1,2,3-cd)pyrene	26.33	276	540	3.73	ng	Qvalue 95

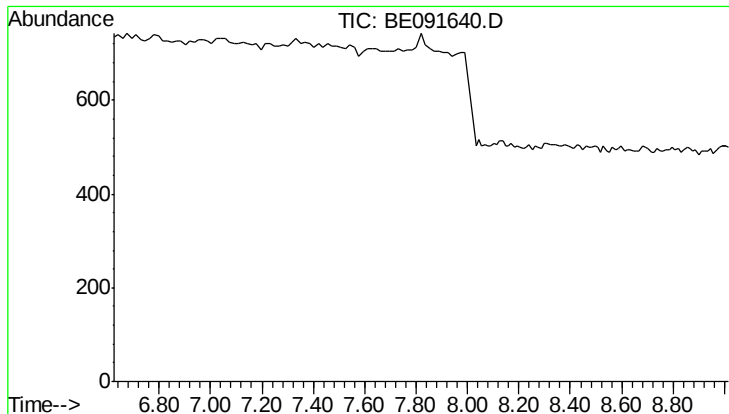
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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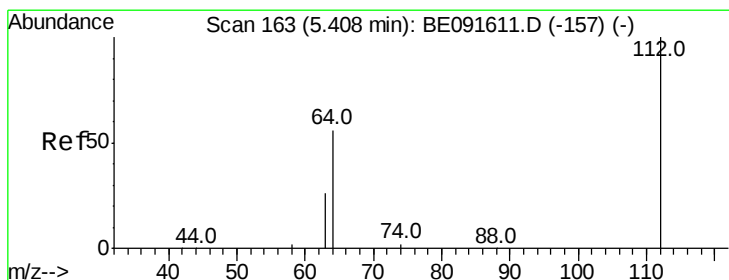
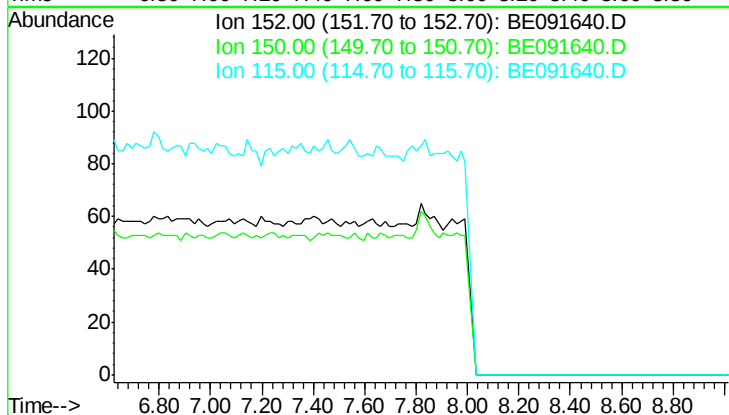




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.00 ng
 Expected RT: 7.82 min
 Lab File: BE091640.D
 Acq: 11 Apr 2016 22:22

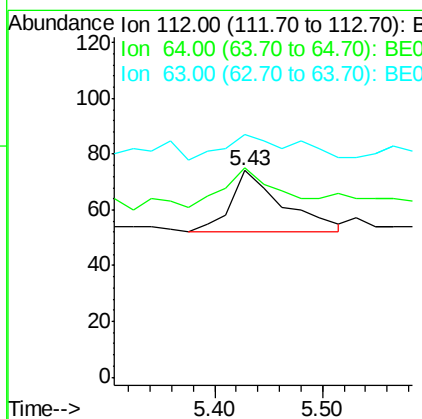
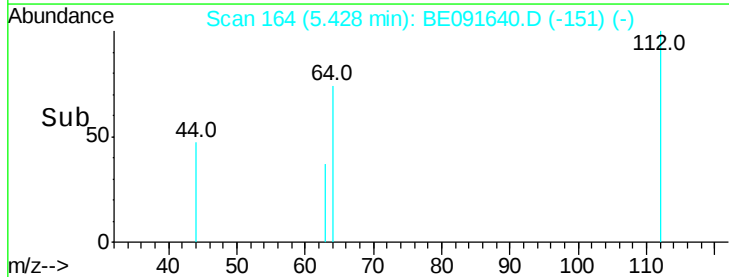
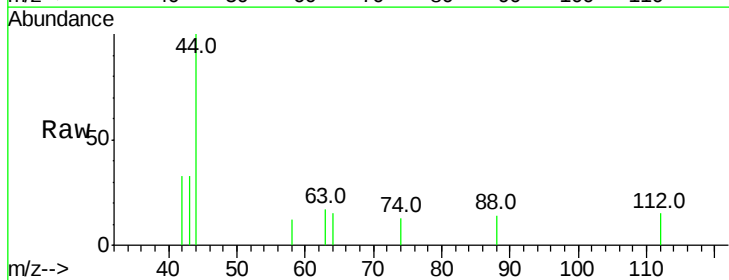
Instrument :
 BNA_E
 ClientSampleId :
 KY038PS037-160330

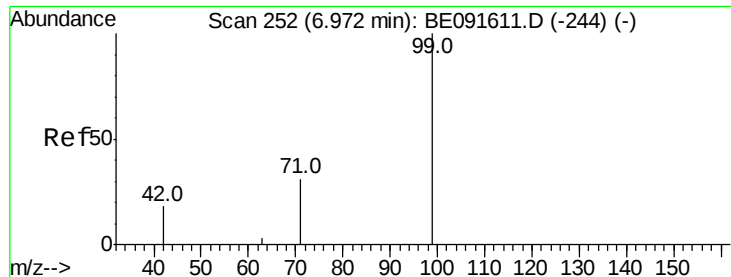
Tot Ion: 152
 Sig Exp Ratio
 152 100
 150 153.2
 115 66.0



#4
 2-Fluorophenol
 Concen: 0.00 ng
 RT: 5.43 min Scan# 164
 Delta R.T. 0.02 min
 Lab File: BE091640.D
 Acq: 11 Apr 2016 22:22

Tgt Ion: 112 Resp: 75
 Ion Ratio Lower Upper
 112 100
 64 82.7 30.9 46.3#
 63 53.3 16.7 25.1#





#5

Phenol-d6

Concen: 0.00 ng

RT: 7.01 min Scan# 254

Delta R.T. 0.03 min

Lab File: BE091640.D

Acq: 11 Apr 2016 22:22

Instrument :

BNA_E

ClientSampleId :

KY038PS037-160330

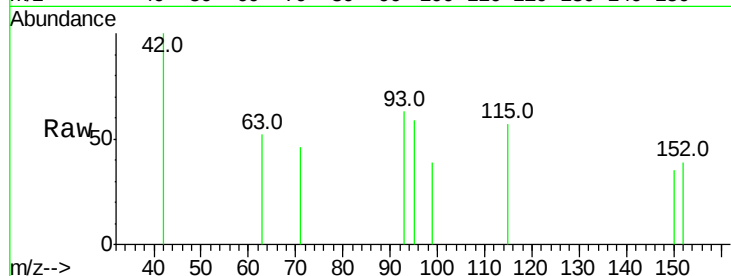
Tot Ion: 99 Resp: 36

Ion Ratio Lower Upper

99 100

42 61.1 16.2 24.2#

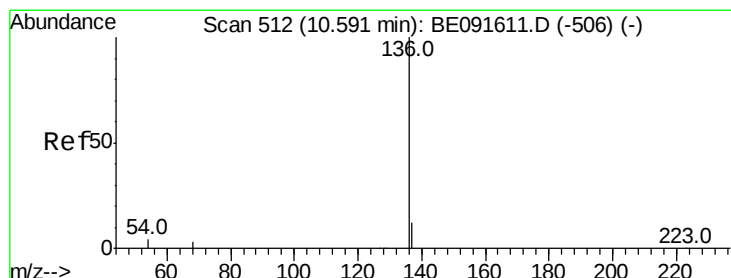
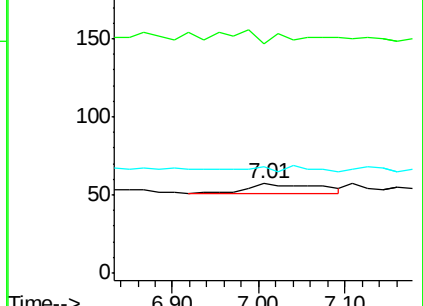
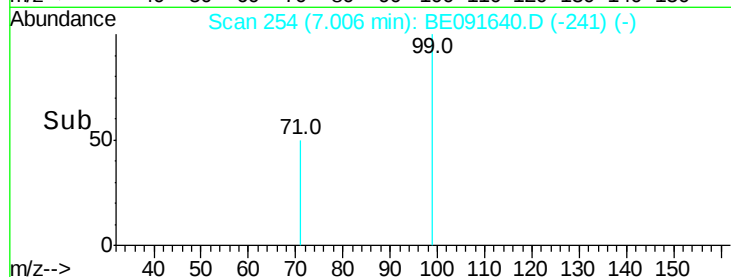
71 11.1 29.0 43.4#



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



#7

Naphthalene-d8

Concen: 5.00 ng

RT: 10.59 min Scan# 512

Delta R.T. -0.00 min

Lab File: BE091640.D

Acq: 11 Apr 2016 22:22

Tgt Ion: 136 Resp: 228

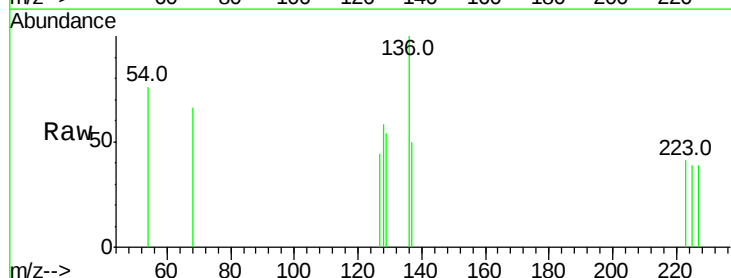
Ion Ratio Lower Upper

136 100

137 49.6 8.9 13.3#

54 76.4 8.2 12.4#

68 65.9 6.2 9.4#

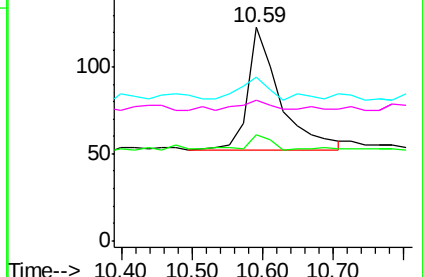
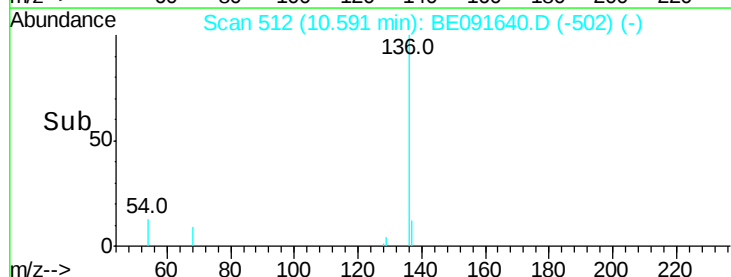


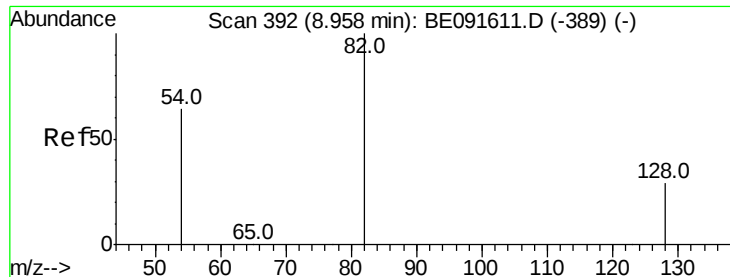
Abundance Ion 136.00 (135.70 to 136.70): E

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: 1.43 ng

RT: 8.98 min Scan# 394

Delta R.T. 0.02 min

Lab File: BE091640.D

Acq: 11 Apr 2016 22:22

Instrument :

BNA_E

ClientSampleId :

KY038PS037-160330

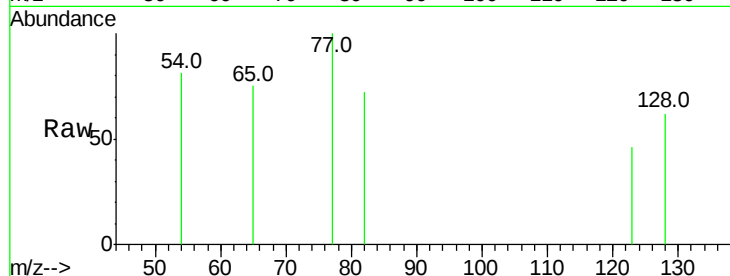
Tot Ion: 82 Resp: 19

Ion Ratio Lower Upper

82 100

128 86.6 25.4 38.0#

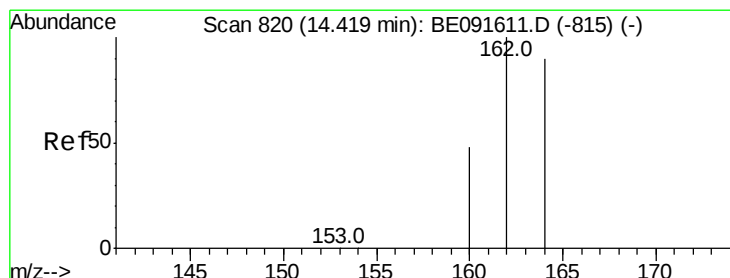
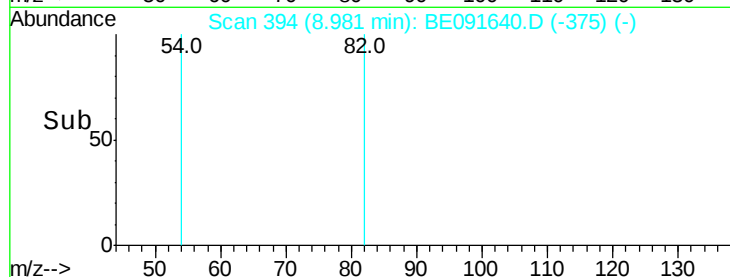
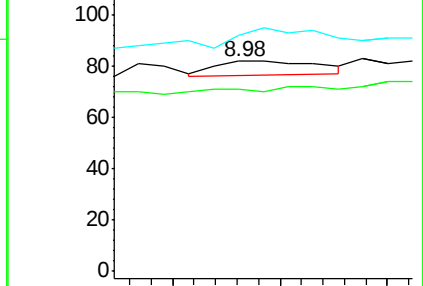
54 112.2 48.4 72.6#



Abundance Ion 82.00 (81.70 to 82.70): BE091611.D (-389) (-)

Ion 128.00 (127.70 to 128.70): BE091611.D (-389) (-)

Ion 54.00 (53.70 to 54.70): BE091611.D (-389) (-)



#13

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.43 min Scan# 821

Delta R.T. 0.01 min

Lab File: BE091640.D

Acq: 11 Apr 2016 22:22

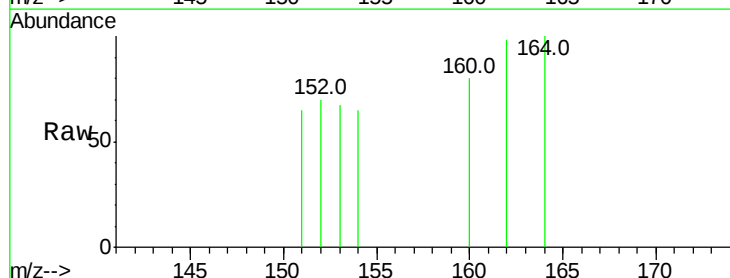
Tgt Ion: 164 Resp: 82

Ion Ratio Lower Upper

164 100

162 97.5 85.3 127.9

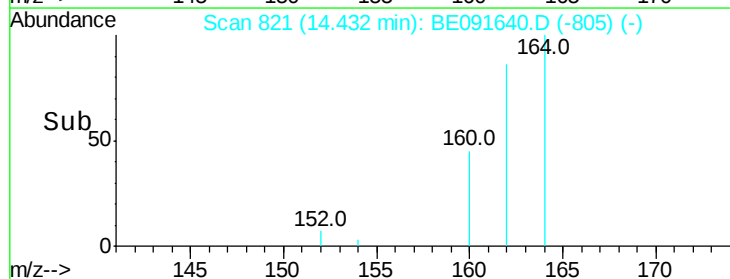
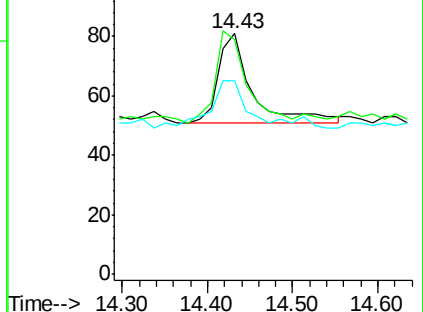
160 80.2 46.2 69.2#

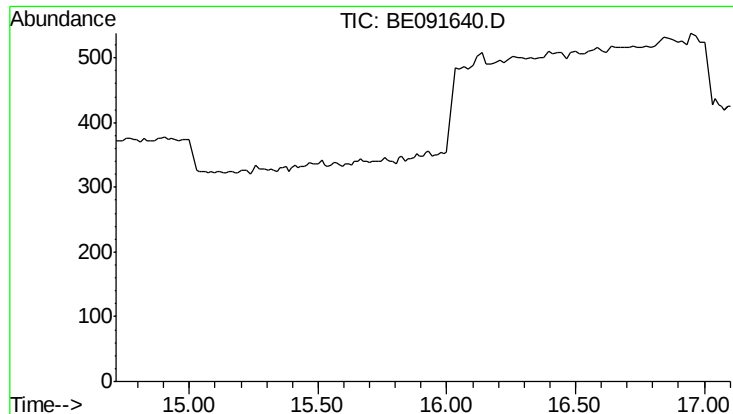


Abundance Ion 164.00 (163.70 to 164.70): BE091611.D (-815) (-)

Ion 162.00 (161.70 to 162.70): BE091611.D (-815) (-)

Ion 160.00 (159.70 to 160.70): BE091611.D (-815) (-)

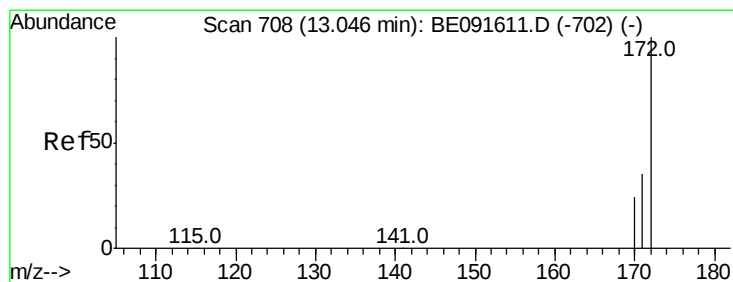
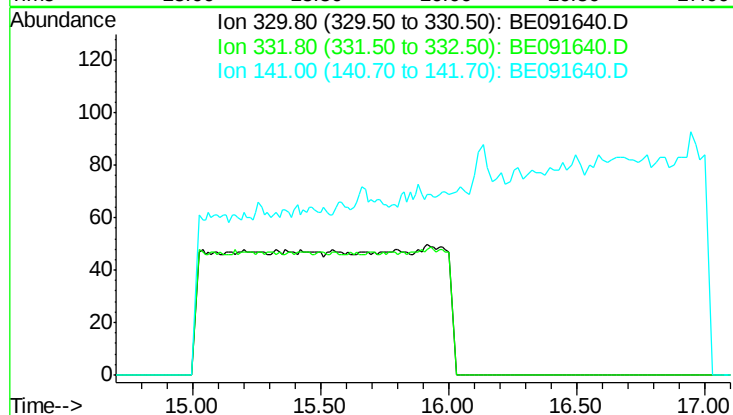




#14
 2,4,6-Tribromophenol
 Concen: 0.00 ng
 Expected RT: 15.91 min
 Lab File: BE091640.D
 Acq: 11 Apr 2016 22:22

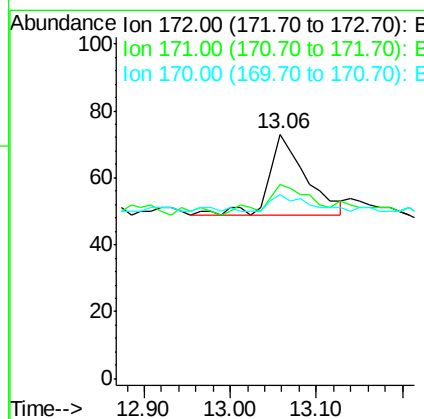
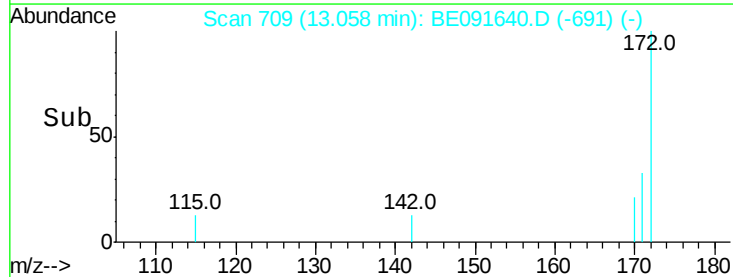
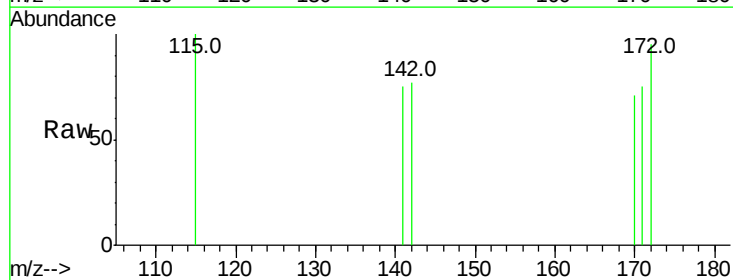
Instrument :
 BNA_E
 ClientSampleId :
 KY038PS037-160330

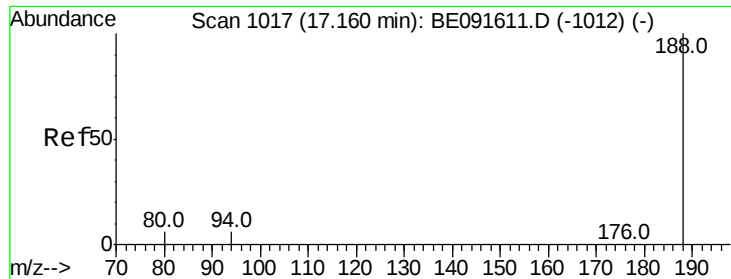
Tot Ion: 330
 Sig Exp Ratio
 330 100
 332 98.9
 141 156.7



#15
 2-Fluorobiphenyl
 Concen: 3.07 ng
 RT: 13.06 min Scan# 709
 Delta R.T. 0.01 min
 Lab File: BE091640.D
 Acq: 11 Apr 2016 22:22

Tgt Ion: 172 Resp: 70
 Ion Ratio Lower Upper
 172 100
 171 79.5 28.8 43.2#
 170 75.3 19.3 28.9#





#19

Phenanthrene-d10

Concen: 5.00 ng

RT: 17.17 min Scan# 1018

Delta R.T. 0.01 min

Lab File: BE091640.D

Acq: 11 Apr 2016 22:22

Instrument :

BNA_E

ClientSampleId :

KY038PS037-160330

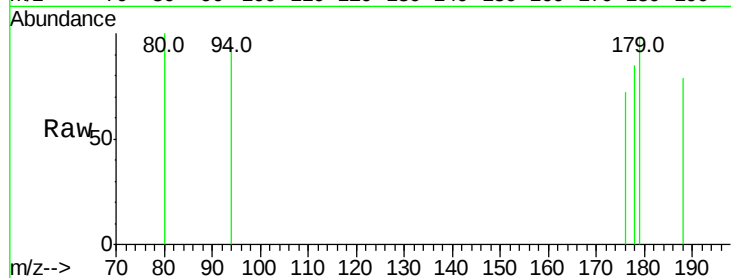
Tot Ion:188 Resp: 53

Ion Ratio Lower Upper

188 100

94 119.1 8.7 13.1#

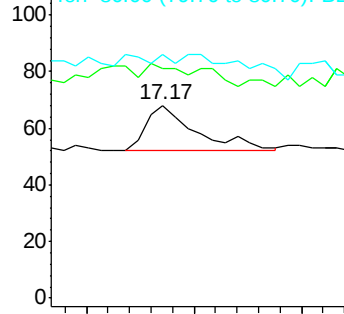
80 126.5 9.4 14.0#



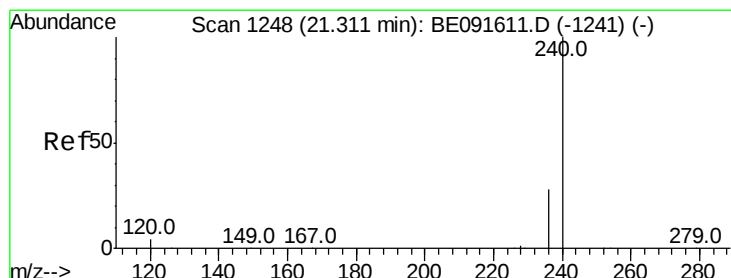
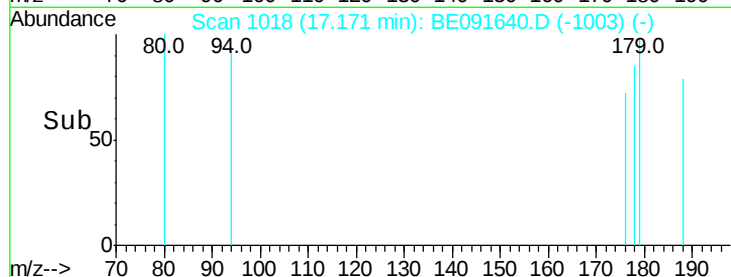
Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE0

Ion 80.00 (79.70 to 80.70): BE0



Time-->



#26

Chrysene-d12

Concen: 5.00 ng

RT: 21.34 min Scan# 1249

Delta R.T. 0.02 min

Lab File: BE091640.D

Acq: 11 Apr 2016 22:22

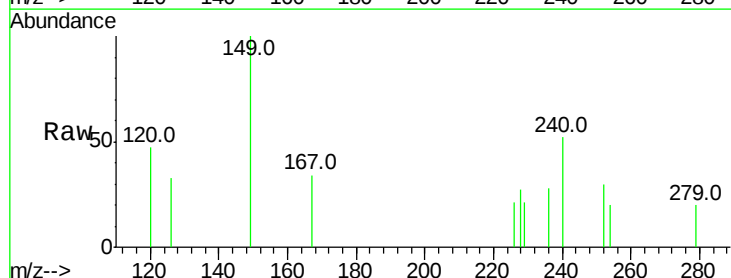
Tgt Ion:240 Resp: 640

Ion Ratio Lower Upper

240 100

120 89.7 11.0 16.4#

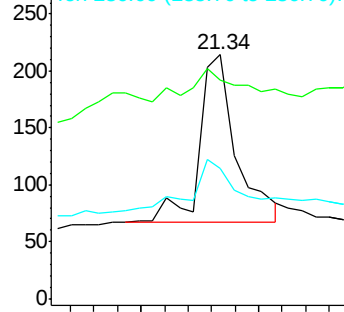
236 53.3 21.7 32.5#



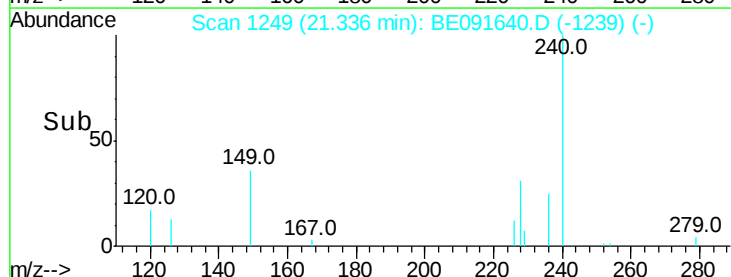
Abundance Ion 240.00 (239.70 to 240.70): E

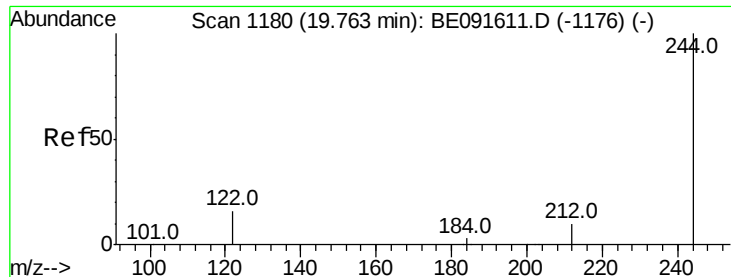
Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



Time-->





#29

Terphenyl-d14

Concen: 1.50 ng

RT: 19.78 min Scan# 1181

Delta R.T. 0.02 min

Lab File: BE091640.D

Acq: 11 Apr 2016 22:22

Instrument :

BNA_E

ClientSampleId :

KY038PS037-160330

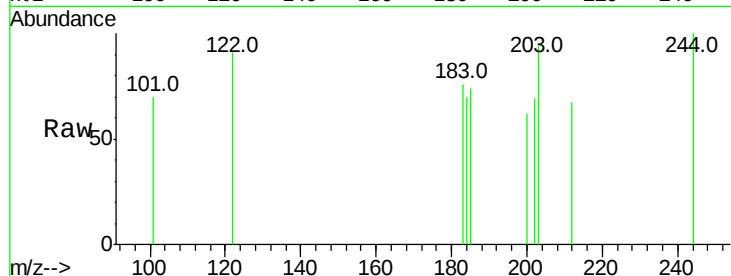
Tot Ion:244 Resp: 120

Ion Ratio Lower Upper

244 100

212 67.4 6.9 10.3#

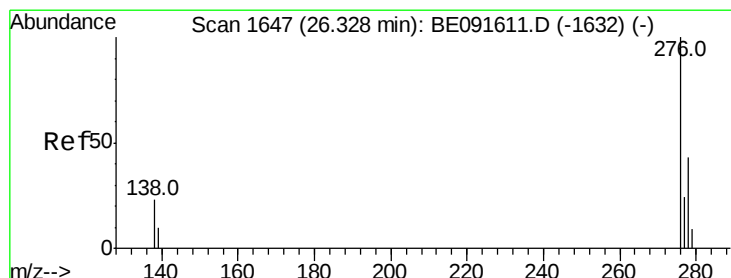
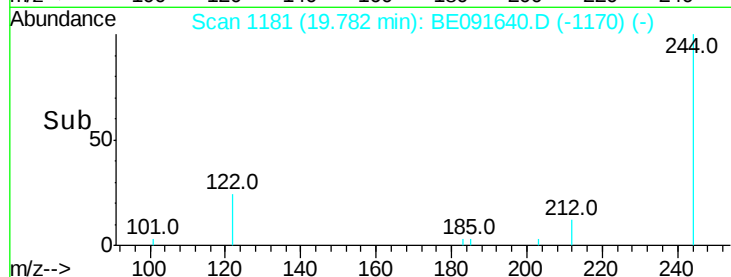
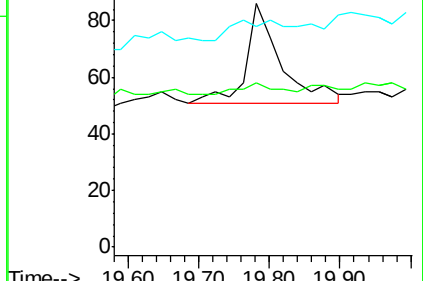
122 90.7 11.0 16.4#



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



#34

Indeno(1,2,3-cd)pyrene

Concen: 3.73 ng

RT: 26.33 min Scan# 1647

Delta R.T. -0.00 min

Lab File: BE091640.D

Acq: 11 Apr 2016 22:22

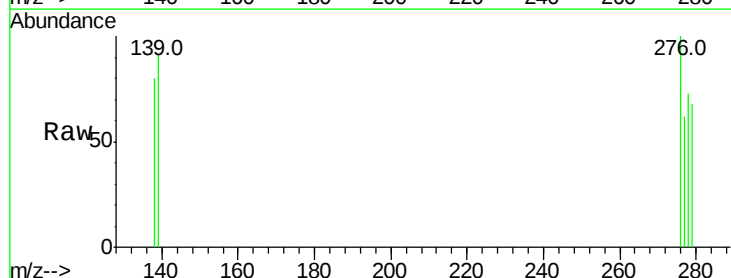
Tgt Ion:276 Resp: 540

Ion Ratio Lower Upper

276 100

138 26.7 23.4 35.2

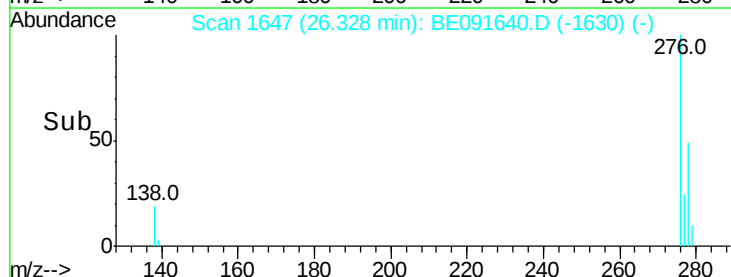
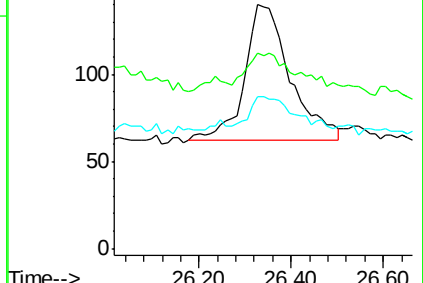
277 22.8 19.8 29.8

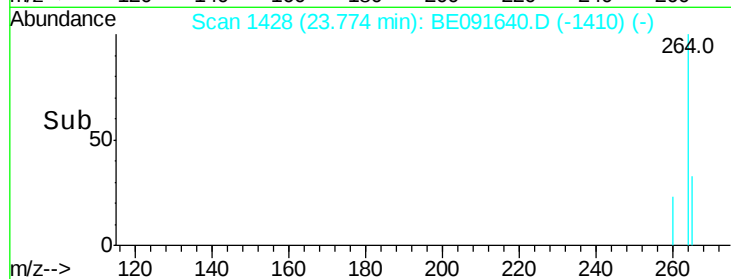
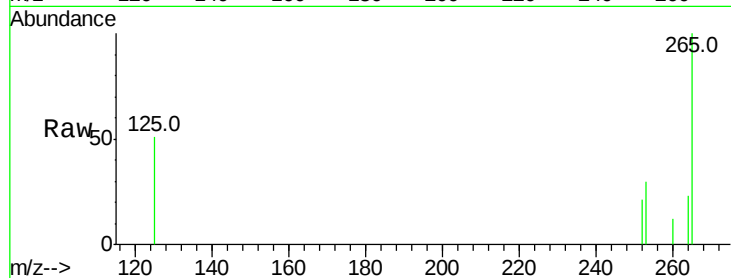
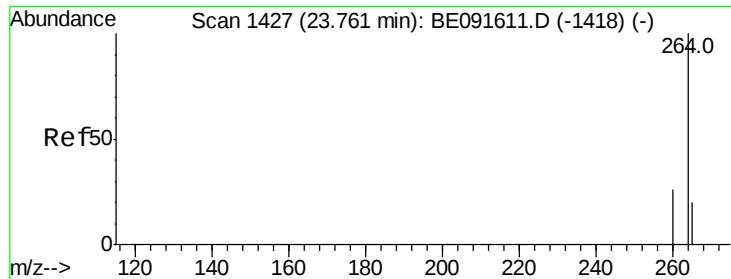


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#35

Pervlene-d12

Concen: 5.00 ng

RT: 23.77 min Scan# 1428

Delta R.T. 0.01 min

Lab File: BE091640.D

Acq: 11 Apr 2016 22:22

Instrument :

BNA_E

ClientSampleId :

KY038PS037-160330

Tot Ion:264 Resp: 349

Ion Ratio Lower Upper

264 100

260 50.6 20.0 30.0#

265 429.5 17.5 26.3#

