

Data Path : Z:\HPCHEM1\BNA E\DATA\BE080717\
 Data File : BE093704.D
 Acq On : 7 Aug 2017 16:58
 Operator : SJ/JU
 Sample : I4509-04
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 KY038PS033-170727

Quant Time: Aug 08 00:47:07 2017
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE080717.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 07 14:30:21 2017
 Response via : Initial Calibration

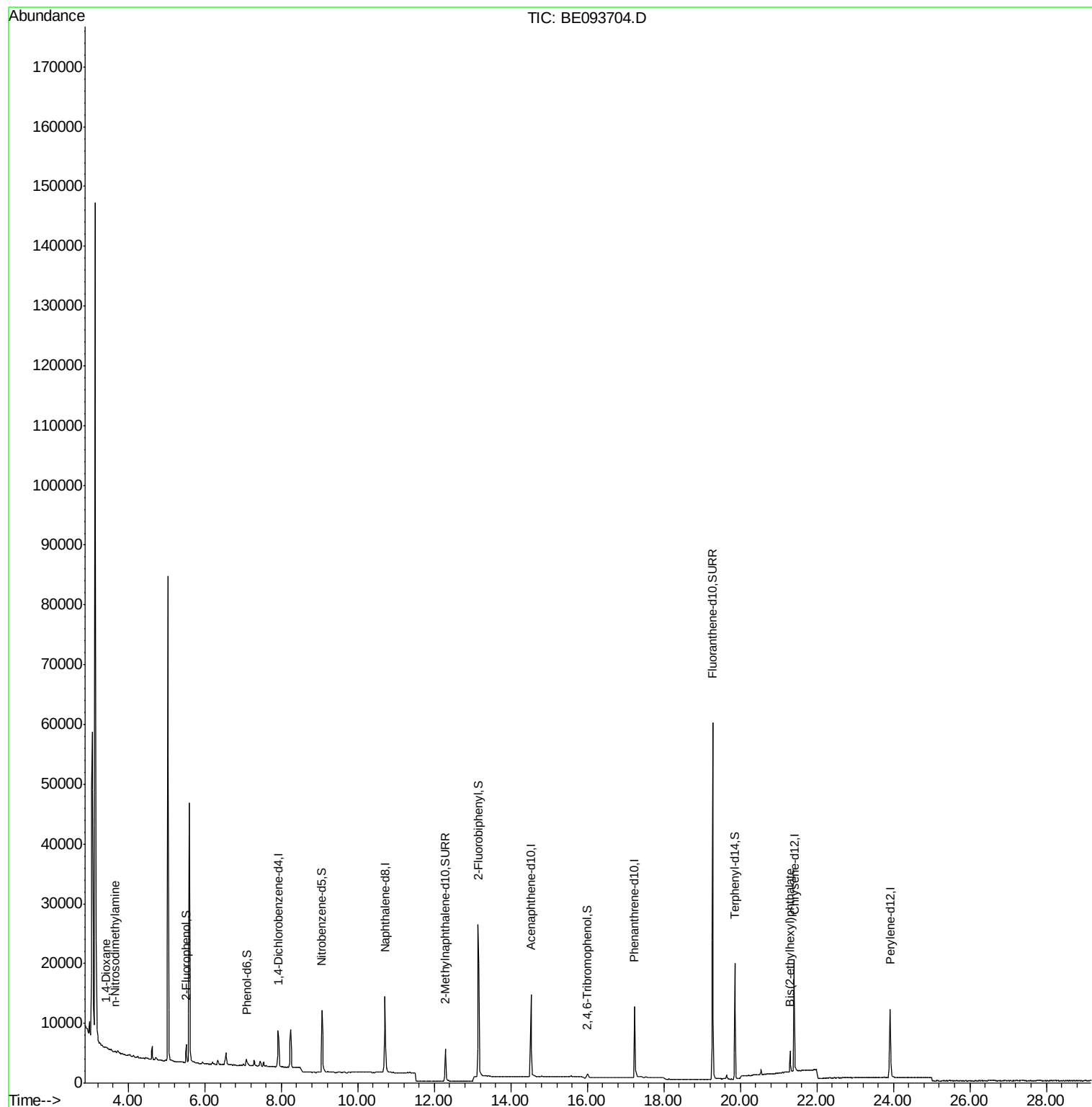
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.92	152	3189	0.40	ng	0.00
7) Naphthalene-d8	10.71	136	15333	0.40	ng	0.00
13) Acenaphthene-d10	14.52	164	8421	0.40	ng	0.00
19) Phenanthrene-d10	17.23	188	19540	0.40	ng	0.00
27) Chrysene-d12	21.40	240	20471	0.40	ng	0.00
34) Perylene-d12	23.91	264	18040	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.51	112	1586	0.15	ng	0.00
5) Phenol-d6	7.10	99	1410	0.09	ng	0.01
8) Nitrobenzene-d5	9.06	82	4494	0.34	ng	0.00
11) 2-Methylnaphthalene-d10	12.29	152	8341	0.34	ng	0.00
14) 2,4,6-Tribromophenol	16.00	330	589	0.26	ng	0.00
15) 2-Fluorobiphenyl	13.15	172	27830	0.84	ng	0.00
25) Fluoranthene-d10	19.27	212	79307	0.36	ng	0.00
29) Terphenyl-d14	19.86	244	15903	0.44	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.42	88	177	0.037	ng	# 20
3) n-Nitrosodimethylamine	3.66	42	351	0.070	ng	# 1
32) Bis(2-ethylhexyl)phthalate	21.30	149	4202	0.030	ng	98

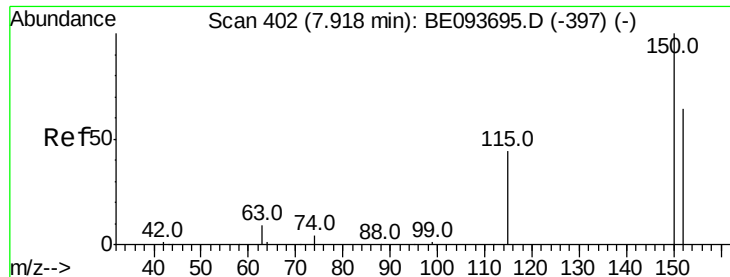
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA E\DATA\BE080717\
Data File : BE093704.D
Acq On : 7 Aug 2017 16:58
Operator : SJ/JU
Sample : I4509-04
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
KY038PS033-170727

Quant Time: Aug 08 00:47:07 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE080717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 07 14:30:21 2017
Response via : Initial Calibration



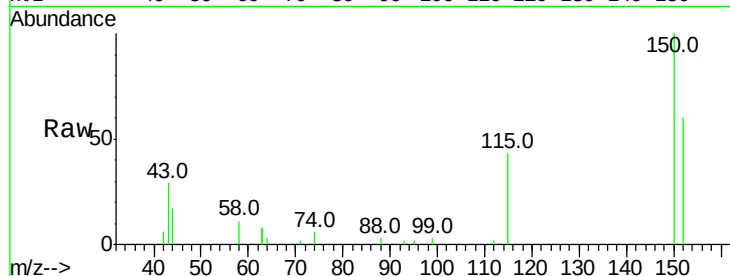


#1

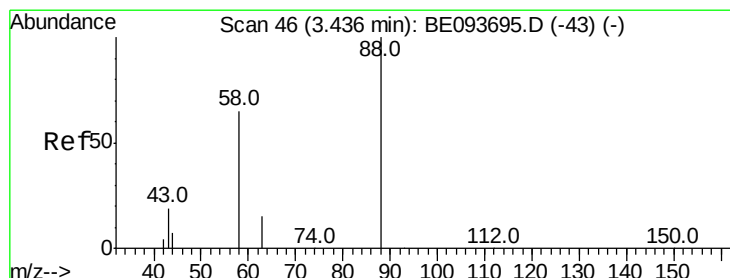
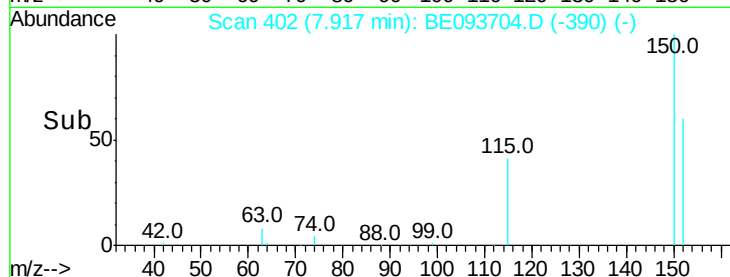
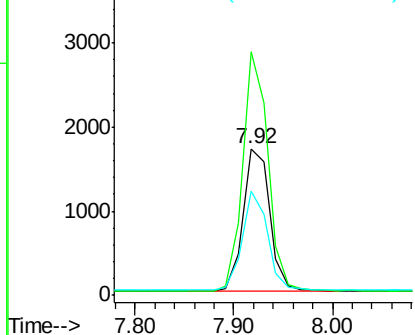
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.92 min Scan# 402
Delta R.T. -0.00 min
Lab File: BE093704.D
Acq: 7 Aug 2017 16:58

Instrument :
BNA_E
ClientSampleId :
KY038PS033-170727

Tot Ion:152 Resp: 3189
Ion Ratio Lower Upper
152 100
150 165.8 125.1 187.7
115 71.3 55.7 83.5



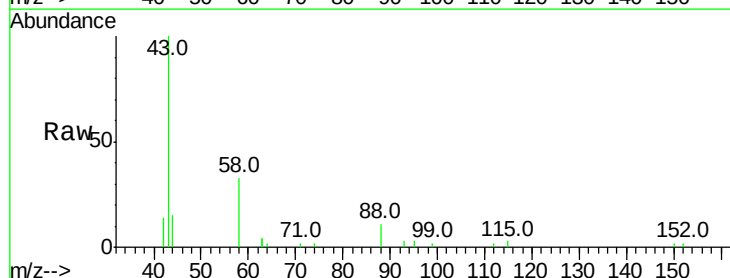
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



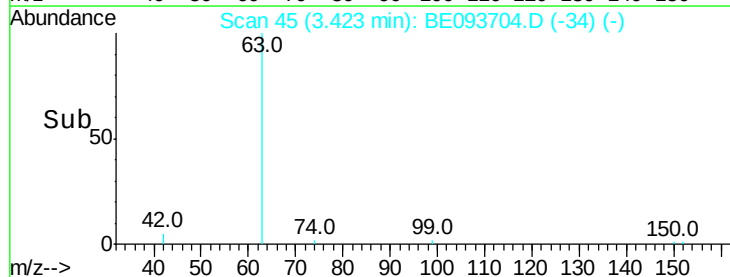
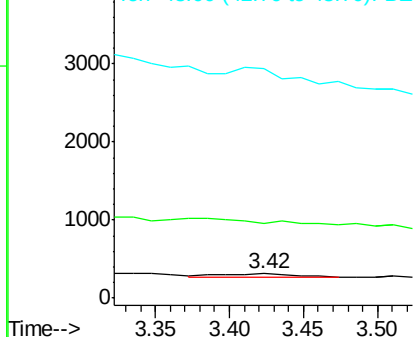
#2

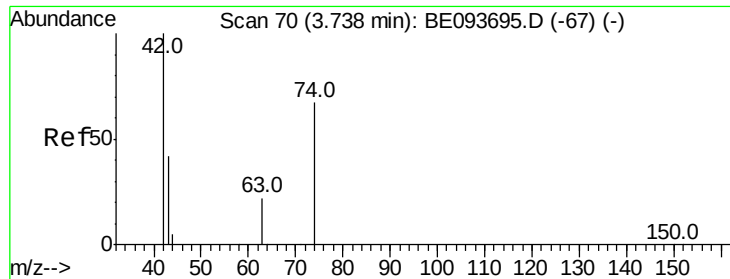
1,4-Dioxane
Concen: 0.037 ng
RT: 3.42 min Scan# 45
Delta R.T. -0.01 min
Lab File: BE093704.D
Acq: 7 Aug 2017 16:58

Tgt Ion: 88 Resp: 177
Ion Ratio Lower Upper
88 100
58 0.0 62.2 93.4#
43 0.0 23.2 34.8#



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: 0.070 ng

RT: 3.66 min Scan# 64

Delta R.T. -0.08 min

Lab File: BE093704.D

Acq: 7 Aug 2017 16:58

Instrument :

BNA_E

ClientSampleId :

KY038PS033-170727

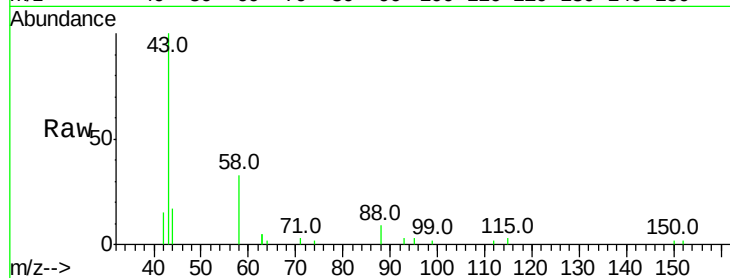
Tot Ion: 42 Resp: 351

Ion Ratio Lower Upper

42 100

74 3.1 99.1 148.7#

44 12.8 7.4 11.2#

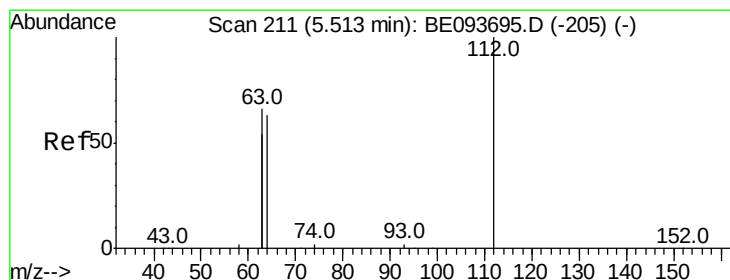
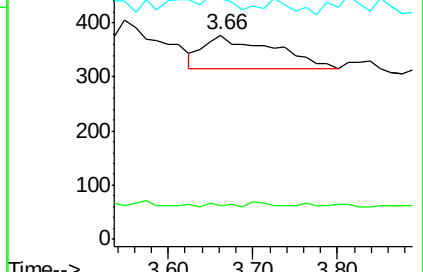
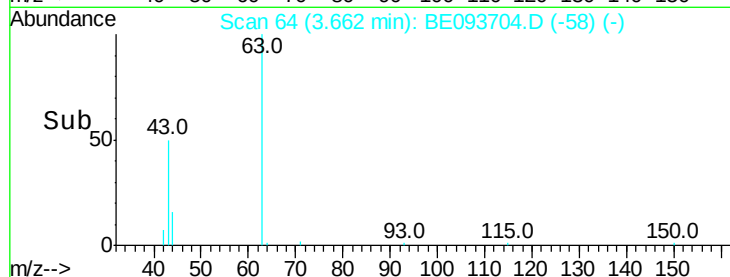


Abundance Ion 42.00 (41.70 to 42.70): BE0

Ion 74.00 (73.70 to 74.70): BE0

Ion 44.00 (43.70 to 44.70): BE0

3.66



#4

2-Fluorophenol

Concen: 0.154 ng

RT: 5.51 min Scan# 211

Delta R.T. -0.00 min

Lab File: BE093704.D

Acq: 7 Aug 2017 16:58

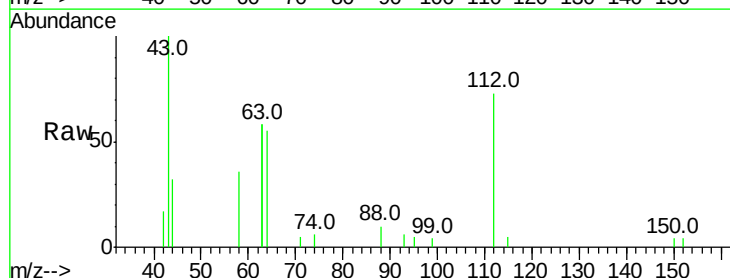
Tgt Ion: 112 Resp: 1586

Ion Ratio Lower Upper

112 100

64 72.1 56.4 84.6

63 148.9 29.3 43.9#

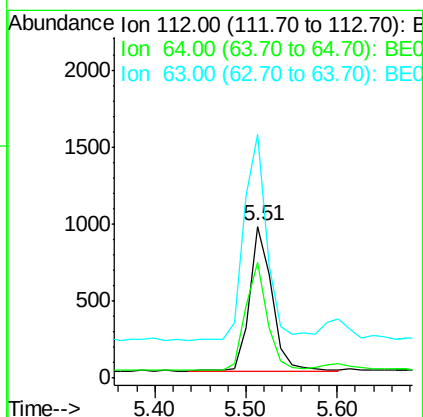
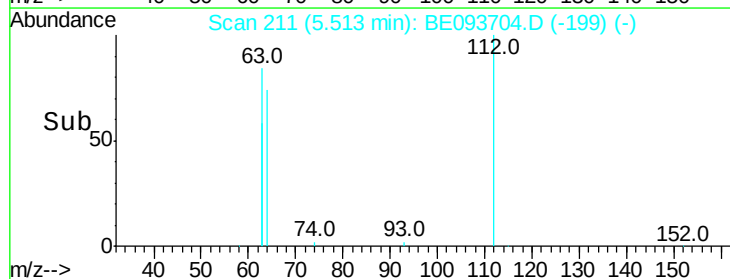


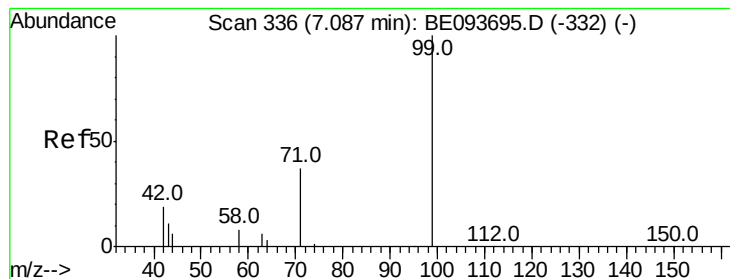
Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0

5.51





#5

Phenol-d6

Concen: 0.090 ng

RT: 7.10 min Scan# 337

Delta R.T. 0.01 min

Lab File: BE093704.D

Acq: 7 Aug 2017 16:58

Instrument :

BNA_E

ClientSampleId :

KY038PS033-170727

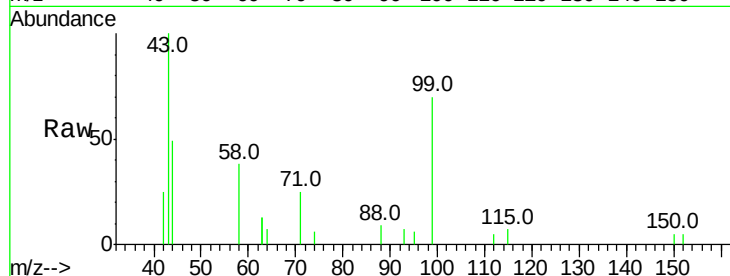
Tot Ion: 99 Resp: 1410

Ion Ratio Lower Upper

99 100

42 22.1 0.0 0.0#

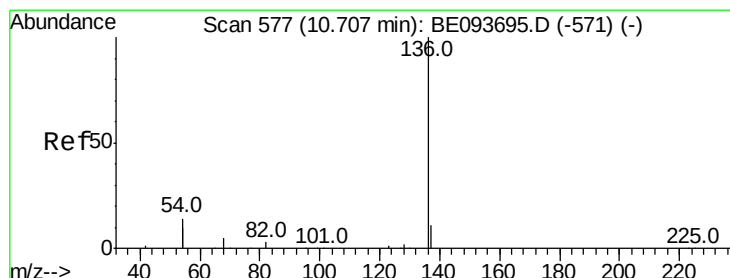
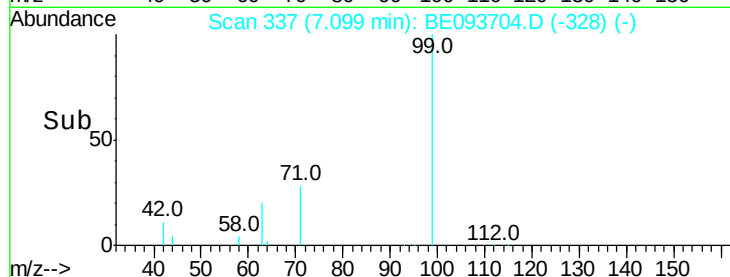
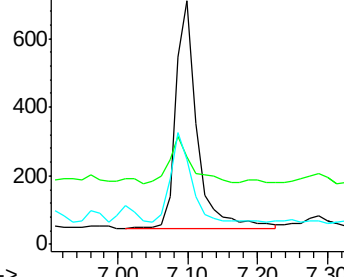
71 37.8 0.0 0.0#



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: 0.400 ng

RT: 10.71 min Scan# 577

Delta R.T. -0.00 min

Lab File: BE093704.D

Acq: 7 Aug 2017 16:58

Tgt Ion: 136 Resp: 15333

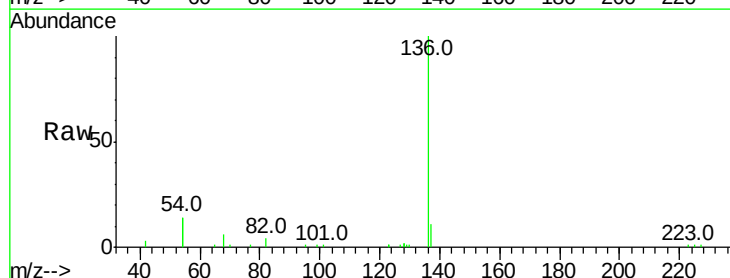
Ion Ratio Lower Upper

136 100

137 11.3 9.8 14.8

54 28.9 10.3 15.5#

68 5.9 9.0 13.4#

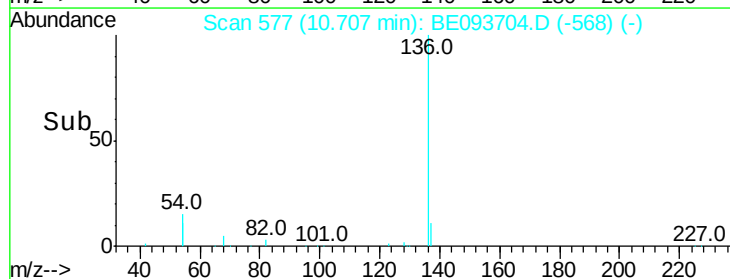
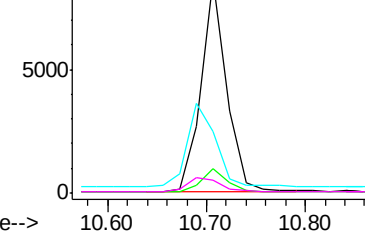


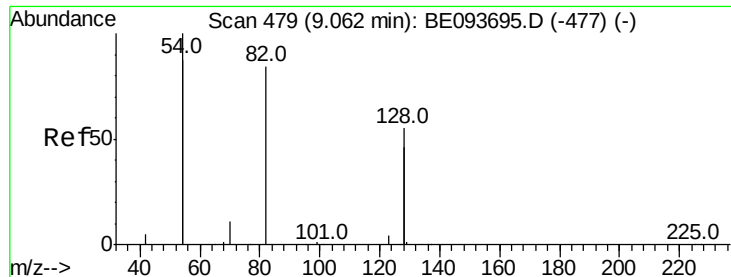
Abundance Ion 136.00 (135.70 to 136.70): E

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

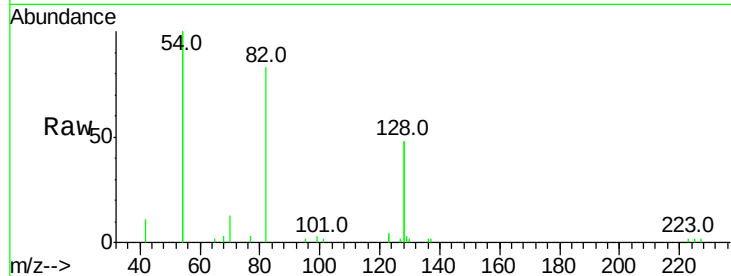




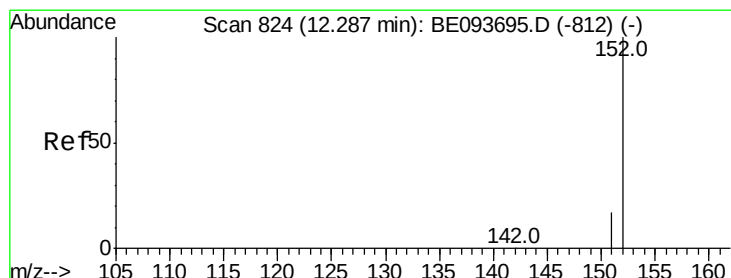
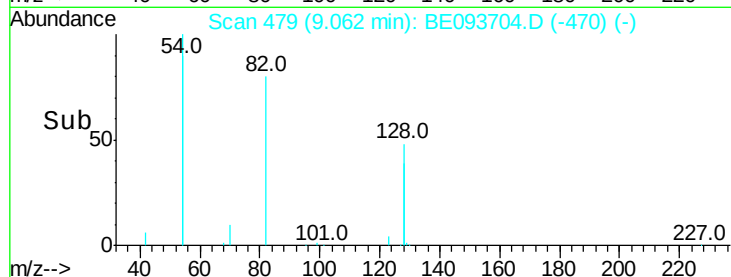
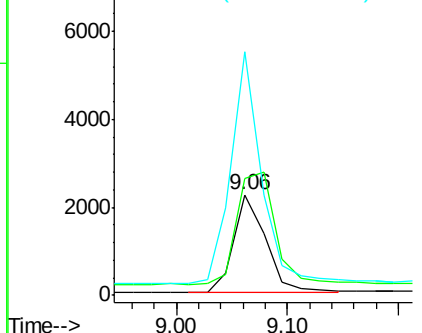
#8
 Nitrobenzene-d5
 Concen: 0.343 ng
 RT: 9.06 min Scan# 479
 Delta R.T. -0.00 min
 Lab File: BE093704.D
 Acq: 7 Aug 2017 16:58

Instrument :
 BNA_E
 ClientSampleId :
 KY038PS033-170727

Tot Ion: 82 Resp: 4494
 Ion Ratio Lower Upper
 82 100
 128 116.0 17.0 25.4#
 54 242.4 53.8 80.6#

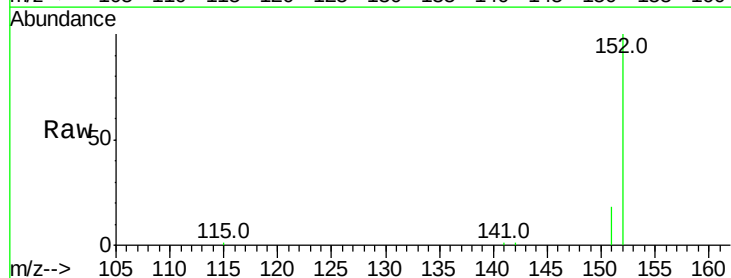


Abundance Ion 82.00 (81.70 to 82.70): BE0
 Ion 128.00 (127.70 to 128.70): BE0
 Ion 54.00 (53.70 to 54.70): BE0

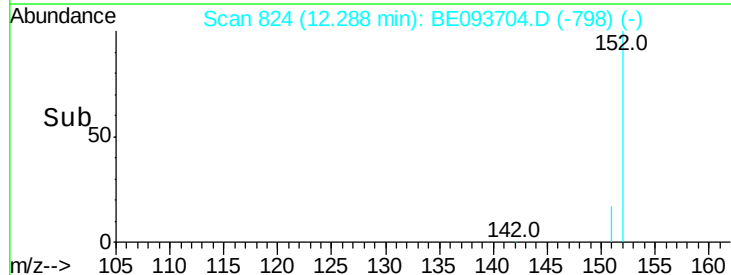
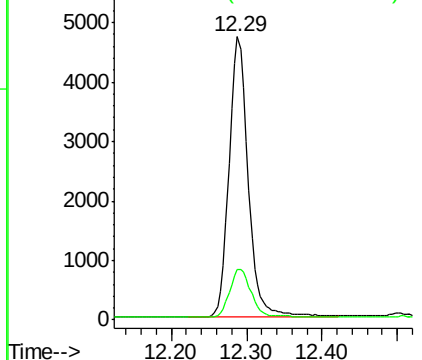


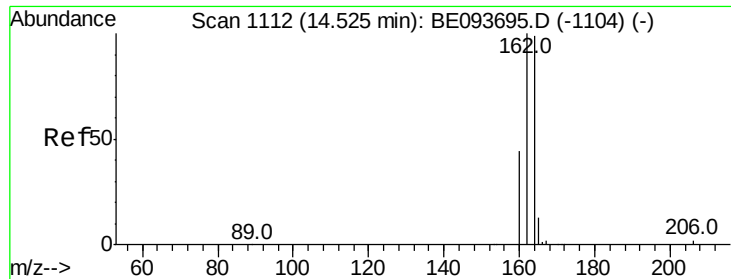
#11
 2-Methylnaphthalene-d10
 Concen: 0.338 ng
 RT: 12.29 min Scan# 824
 Delta R.T. 0.00 min
 Lab File: BE093704.D
 Acq: 7 Aug 2017 16:58

Tgt Ion: 152 Resp: 8341
 Ion Ratio Lower Upper
 152 100
 151 19.0 15.1 22.7



Abundance Ion 152.00 (151.70 to 152.70): BE
 Ion 151.00 (150.70 to 151.70): BE

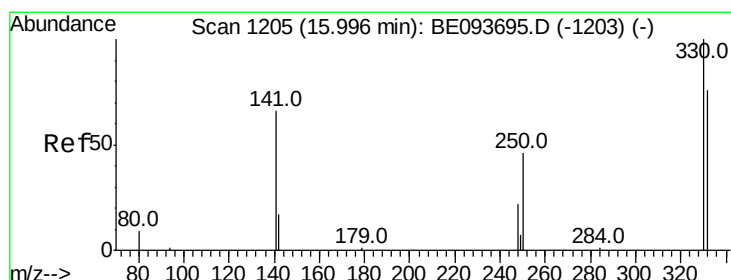
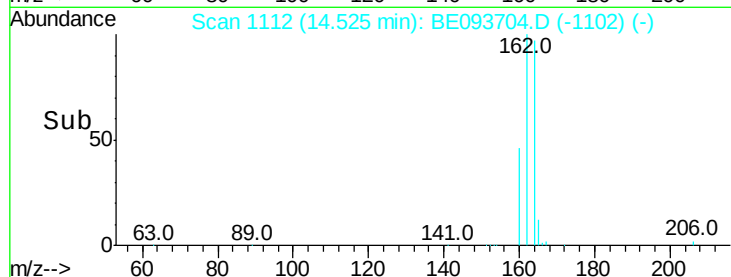
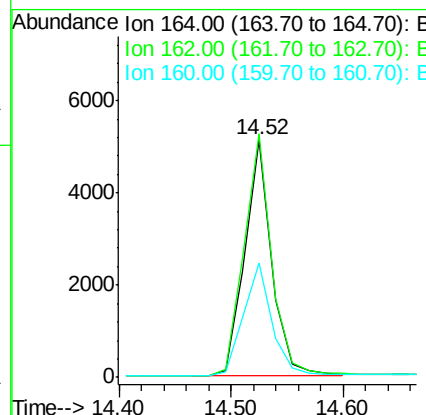
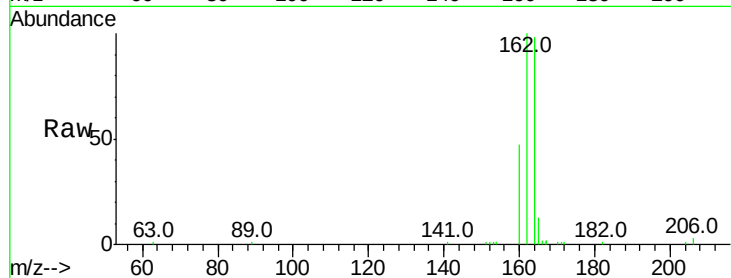




#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.52 min Scan# 1112
 Delta R.T. 0.00 min
 Lab File: BE093704.D
 Acq: 7 Aug 2017 16:58

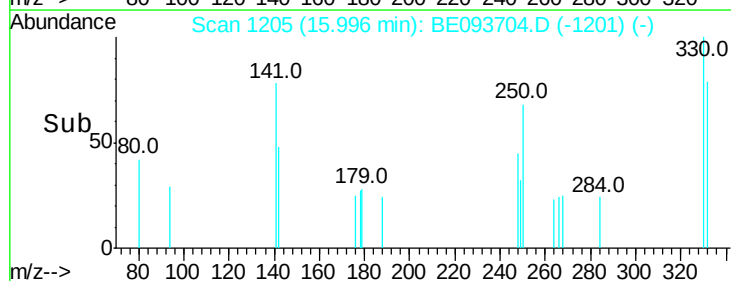
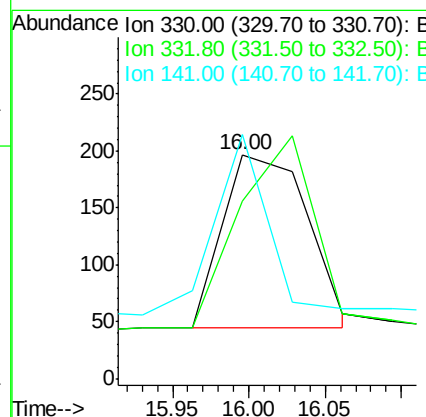
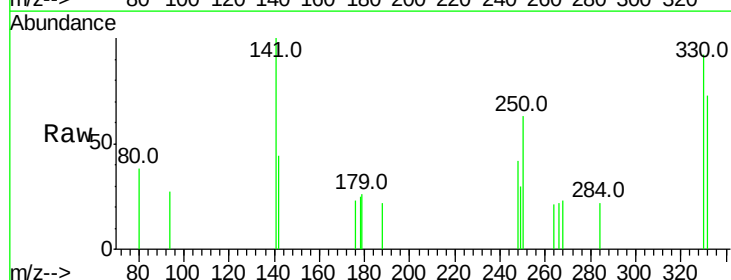
Instrument :
 BNA_E
 ClientSampleId :
 KY038PS033-170727

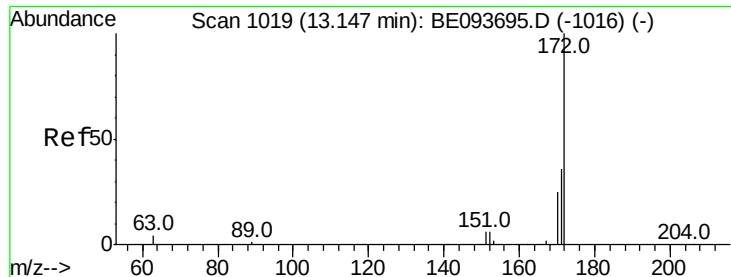
Tot Ion:164 Resp: 8421
 Ion Ratio Lower Upper
 164 100
 162 102.5 84.6 127.0
 160 48.1 41.8 62.6



#14
 2,4,6-Tribromophenol
 Concen: 0.255 ng
 RT: 16.00 min Scan# 1205
 Delta R.T. -0.00 min
 Lab File: BE093704.D
 Acq: 7 Aug 2017 16:58

Tgt Ion:330 Resp: 589
 Ion Ratio Lower Upper
 330 100
 332 0.0 77.7 116.5#
 141 64.7 56.2 84.4

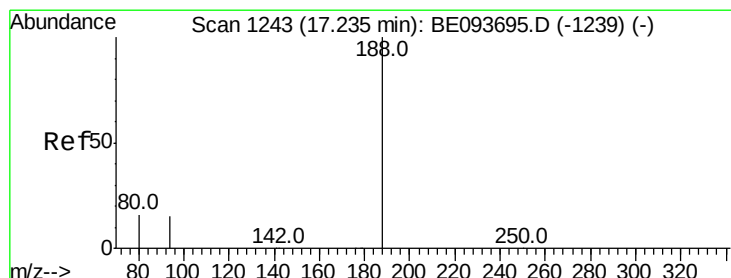
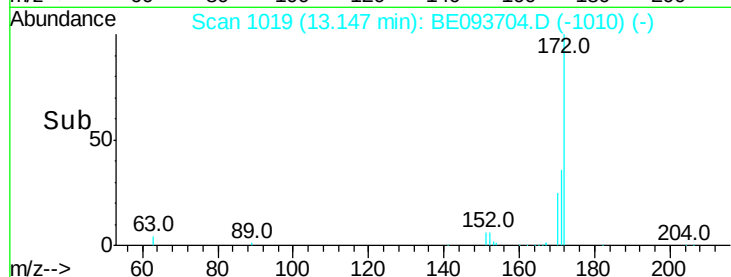
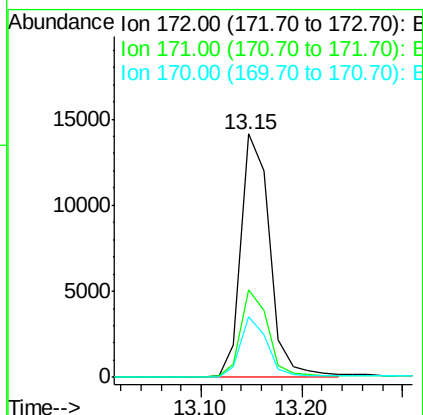
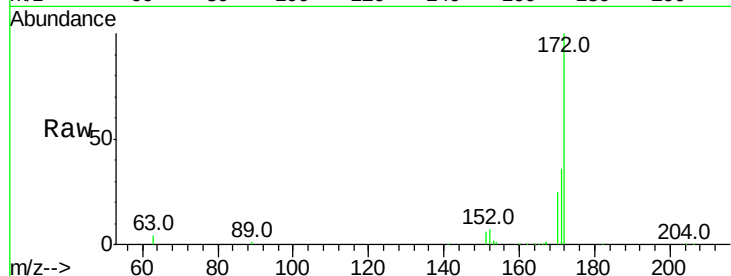




#15
2-Fluorobiphenyl
Concen: 0.838 ng
RT: 13.15 min Scan# 1019
Delta R.T. 0.00 min
Lab File: BE093704.D
Acq: 7 Aug 2017 16:58

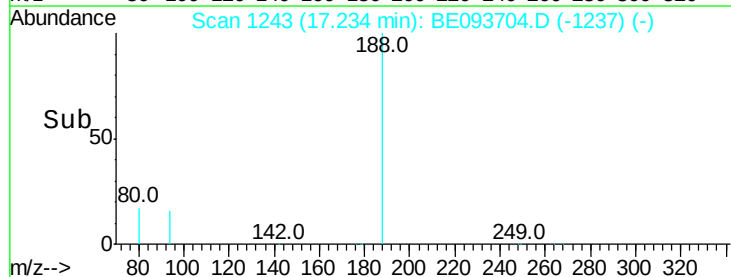
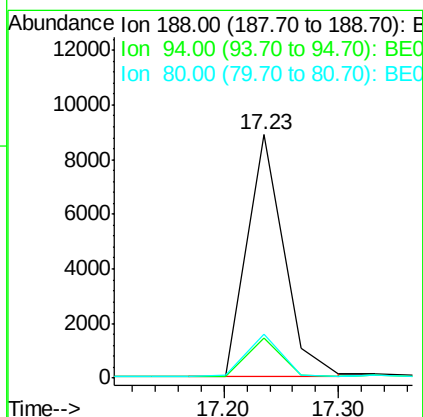
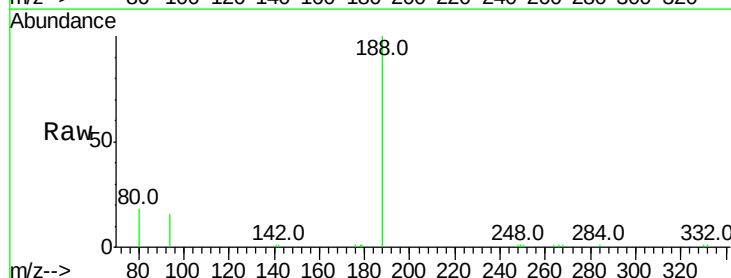
Instrument :
BNA_E
ClientSampleId :
KY038PS033-170727

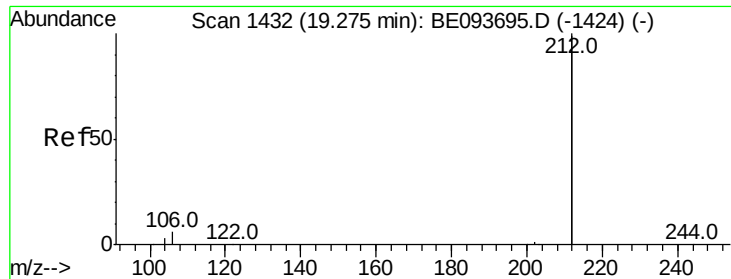
Tot Ion:172 Resp: 27830
Ion Ratio Lower Upper
172 100
171 36.1 29.8 44.6
170 25.1 20.7 31.1



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.23 min Scan# 1243
Delta R.T. -0.00 min
Lab File: BE093704.D
Acq: 7 Aug 2017 16:58

Tgt Ion:188 Resp: 19540
Ion Ratio Lower Upper
188 100
94 16.5 11.3 16.9
80 17.9 11.7 17.5#





#25

Fluoranthene-d10

Concen: 0.356 ng

RT: 19.27 min Scan# 1432

Delta R.T. -0.00 min

Lab File: BE093704.D

Acq: 7 Aug 2017 16:58

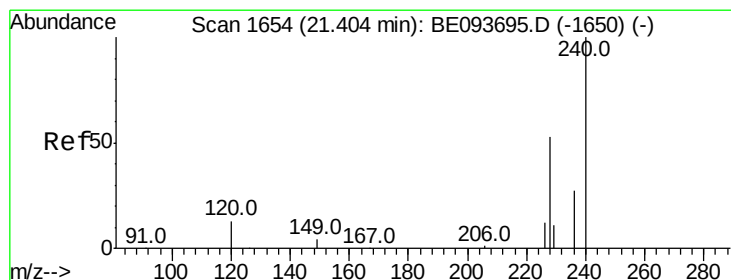
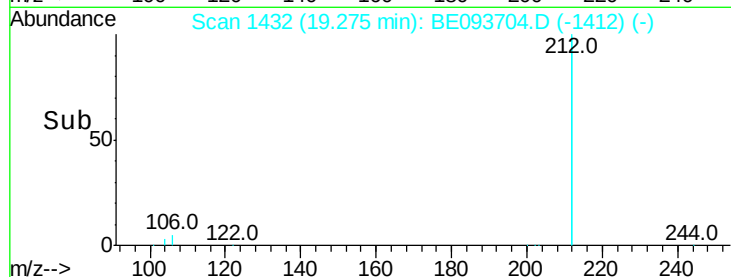
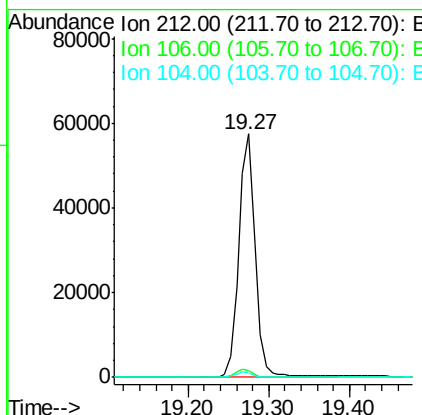
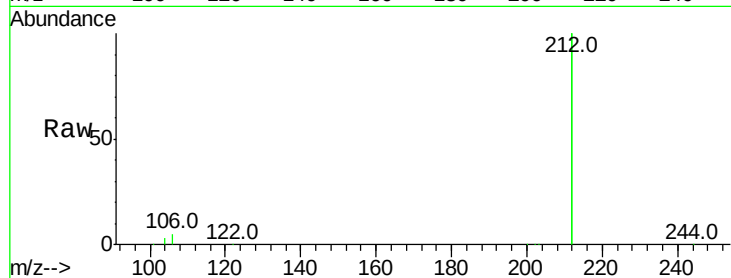
Instrument :

BNA_E

ClientSampleId :

KY038PS033-170727

Tot Ion:212	Resp:	79307
Ion Ratio	Lower	Upper
212	100	
106	3.4	2.4 3.6
104	1.9	1.6 2.4



#27

Chrysene-d12

Concen: 0.400 ng

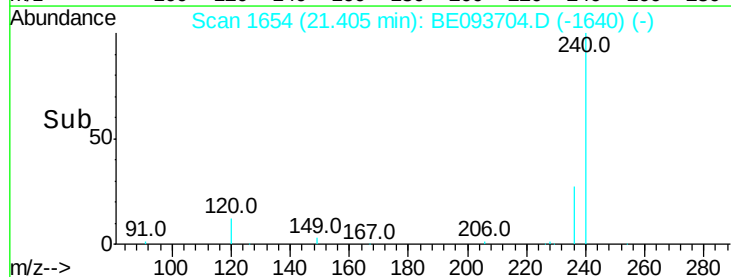
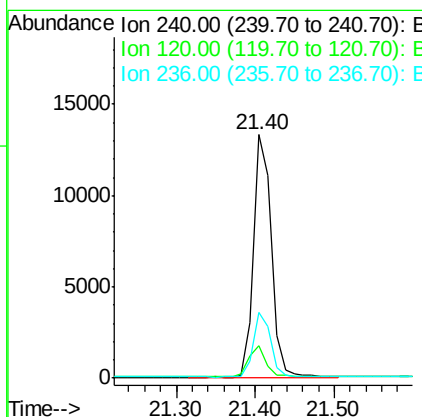
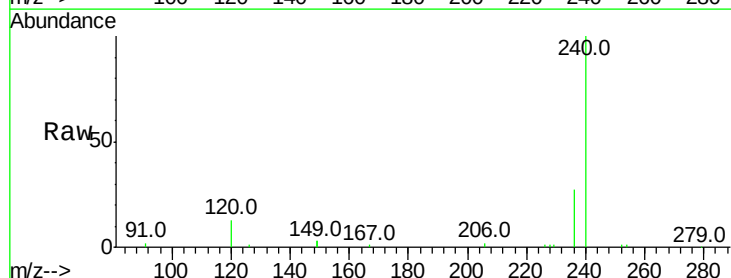
RT: 21.40 min Scan# 1654

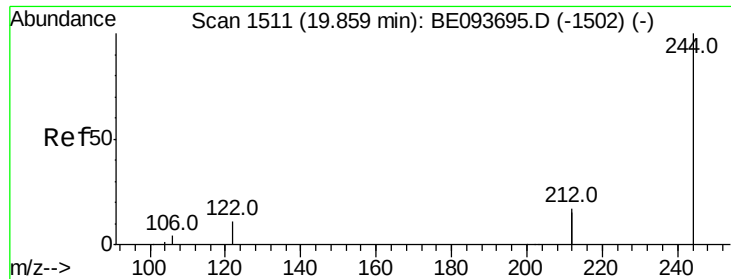
Delta R.T. 0.00 min

Lab File: BE093704.D

Acq: 7 Aug 2017 16:58

Tgt Ion:240	Resp:	20471
Ion Ratio	Lower	Upper
240	100	
120	13.1	4.6 7.0#
236	27.0	20.8 31.2





#29

Terphenyl-d14

Concen: 0.436 ng

RT: 19.86 min Scan# 1511

Delta R.T. -0.00 min

Lab File: BE093704.D

Acq: 7 Aug 2017 16:58

Instrument :

BNA_E

ClientSampleId :

KY038PS033-170727

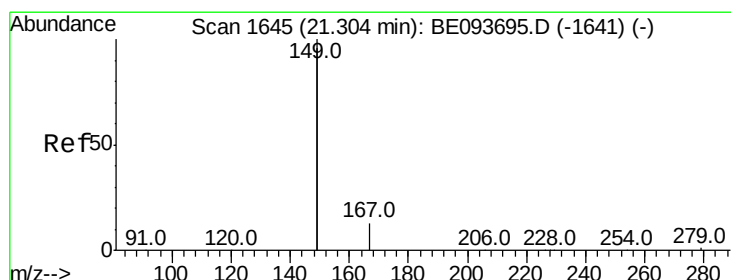
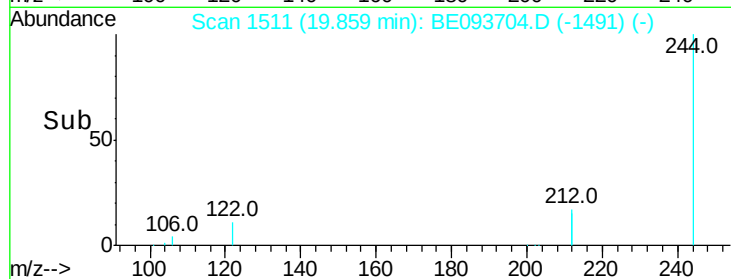
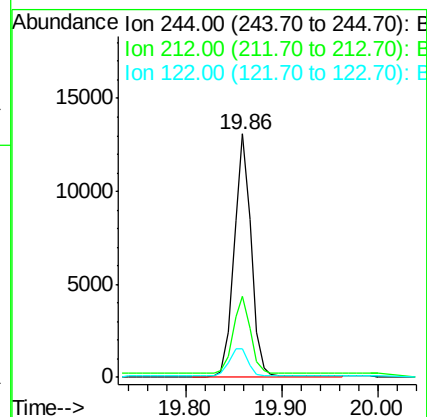
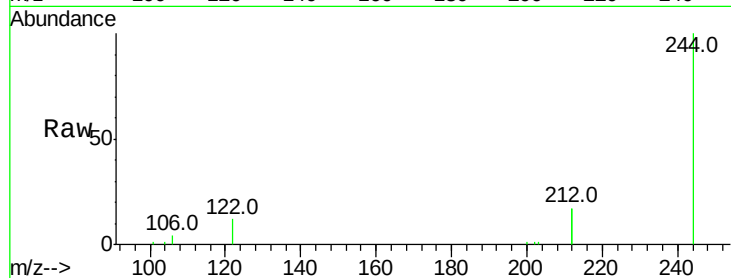
Tot Ion:244 Resp: 15903

Ion Ratio Lower Upper

244 100

212 33.5 10.6 16.0#

122 11.6 15.4 23.0#



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.030 ng

RT: 21.30 min Scan# 1645

Delta R.T. 0.00 min

Lab File: BE093704.D

Acq: 7 Aug 2017 16:58

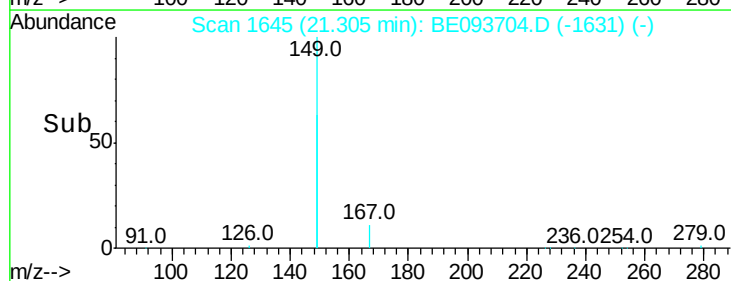
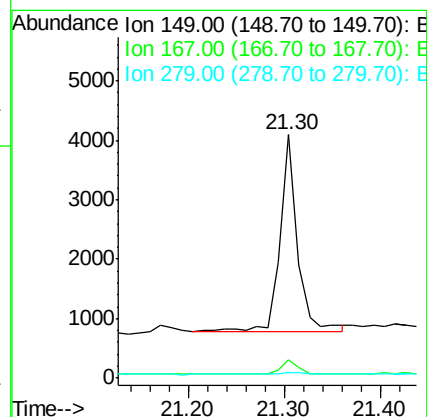
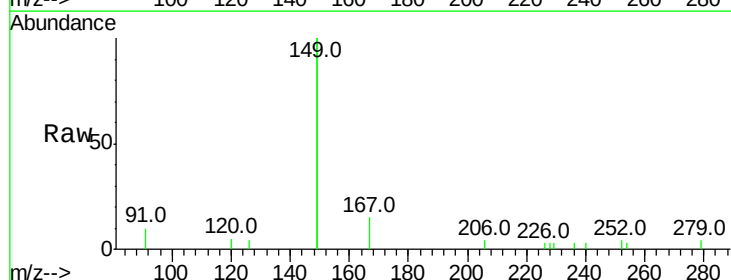
Tgt Ion:149 Resp: 4202

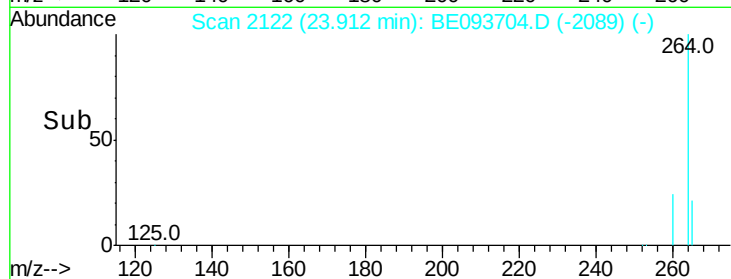
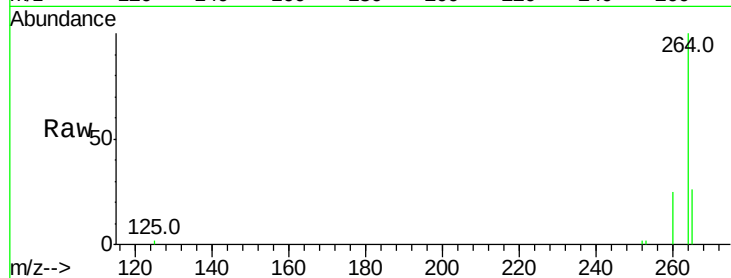
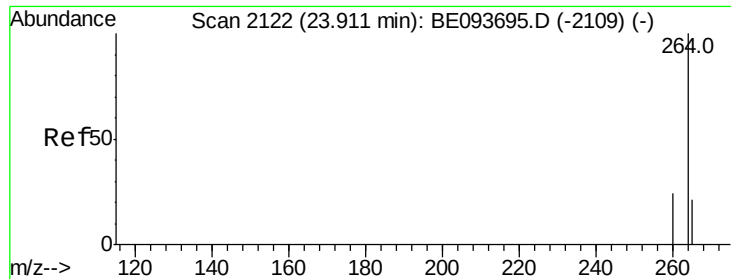
Ion Ratio Lower Upper

149 100

167 6.6 4.8 7.2

279 1.1 0.8 1.2





#34

Pervlene-d12

Concen: 0.400 ng

RT: 23.91 min Scan# 2122

Delta R.T. 0.00 min

Lab File: BE093704.D

Acq: 7 Aug 2017 16:58

Instrument :

BNA_E

ClientSampleId :

KY038PS033-170727

Tot Ion:264 Resp: 18040

Ion Ratio Lower Upper

264 100

260 24.9 21.0 31.4

265 25.8 24.6 36.8

