

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 01:00:20 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

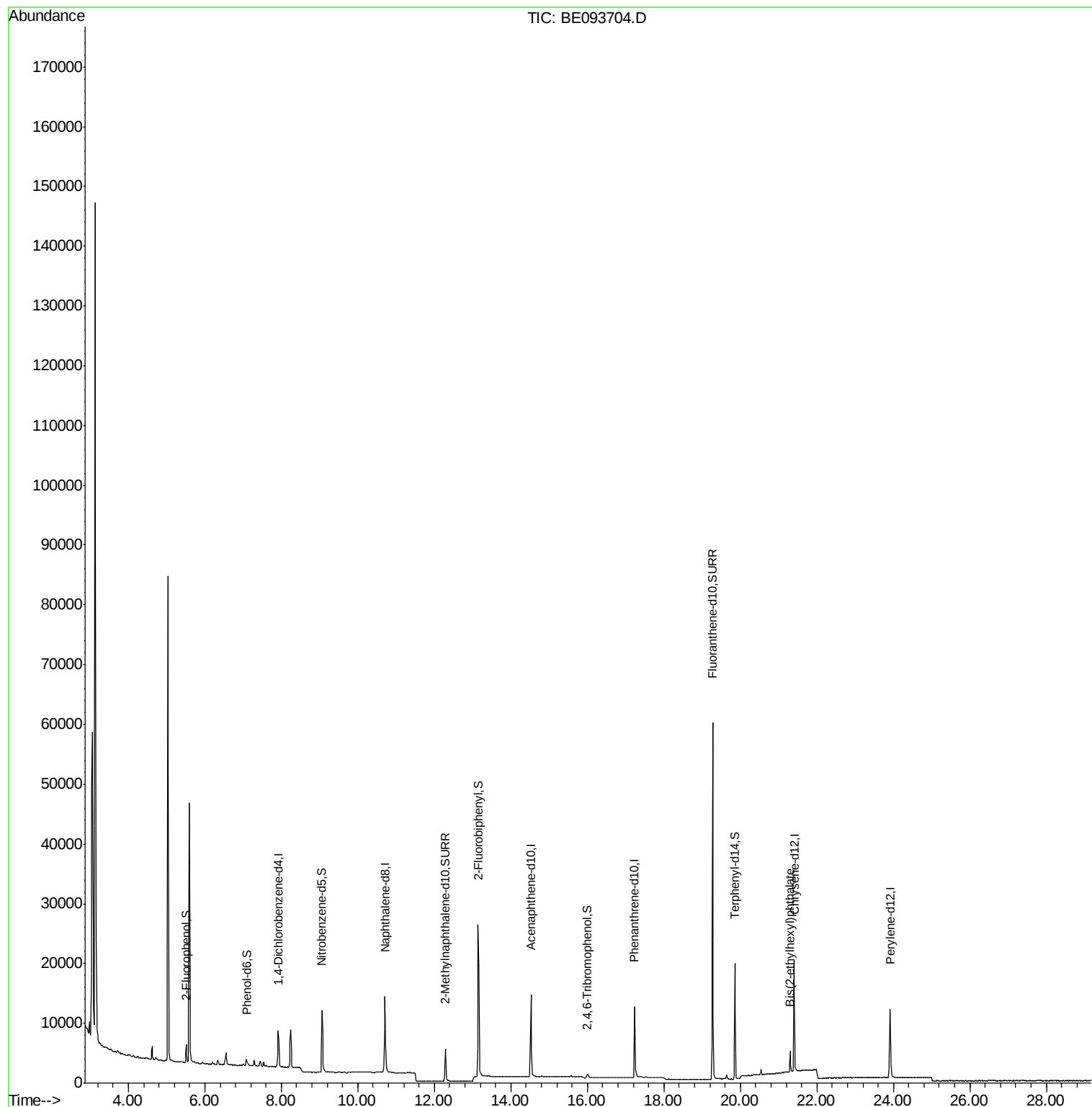
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.92	152	3189	0.40	ng	0.00
7) Naphthalene-d8	10.71	136	15333	0.40	ng	0.00
13) Acenaphthene-d10	14.52	164	8421	0.40	ng	0.00
19) Phenanthrene-d10	17.23	188	19540	0.40	ng	0.00
27) Chrysene-d12	21.40	240	20471	0.40	ng	0.00
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						Qvalue
32) Bis(2-ethylhexyl)phthalate	21.30	149	4202	0.030	ng	98

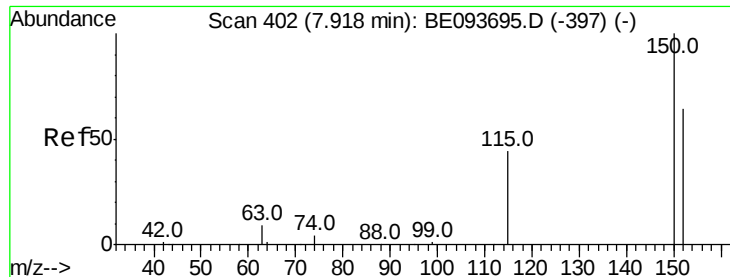
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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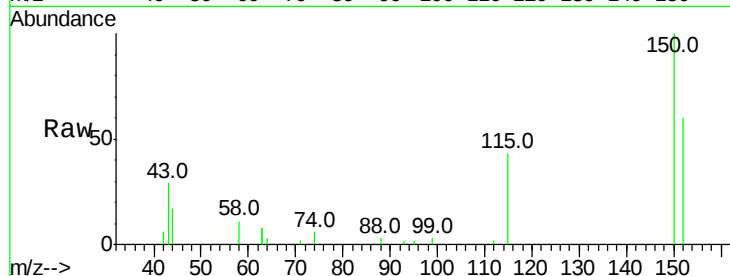


#1

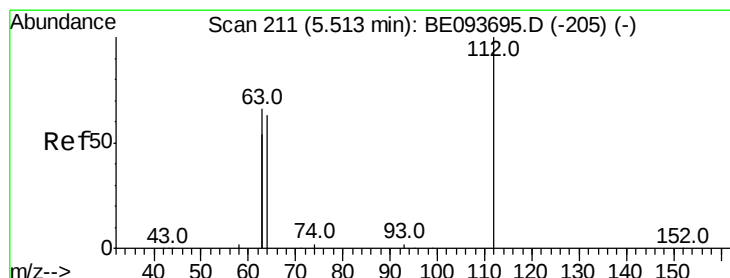
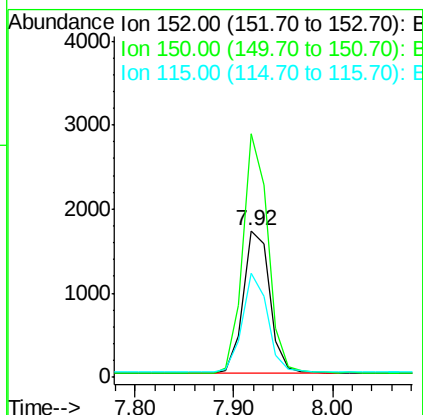
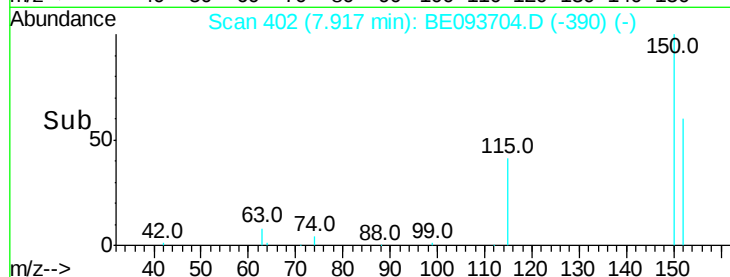
1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.92 min Scan# 402
 Delta R.T. -0.00 min
 Lab File: BE093704.D
 Acq: 7 Aug 2017 16:58

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



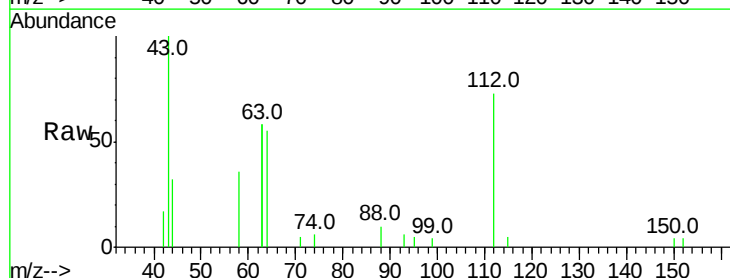
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



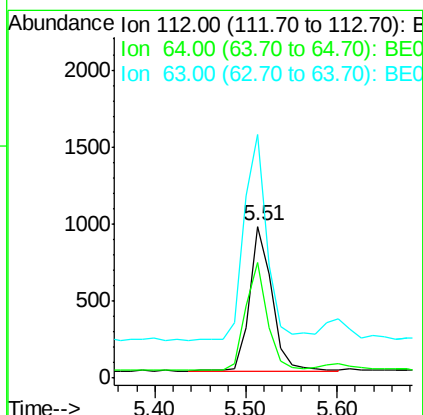
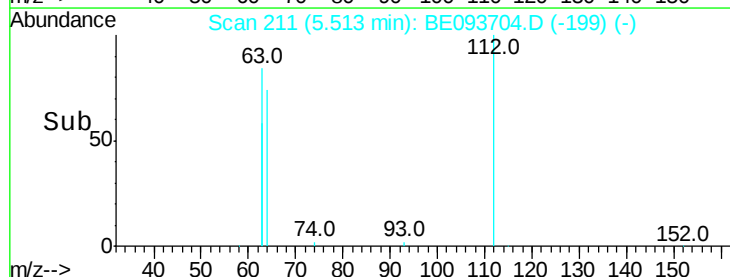
#4

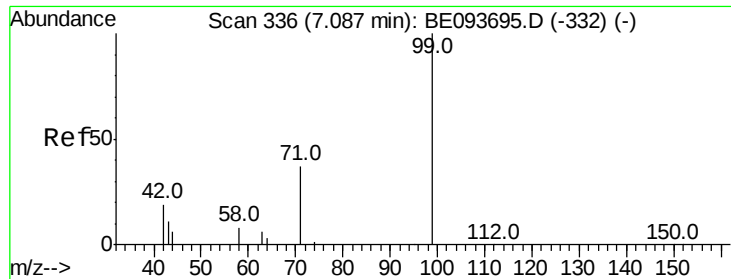
2-Fluorophenol
 Concen: 0.154 ng
 RT: 5.51 min Scan# 211
 Delta R.T. -0.00 min
 Lab File: BE093704.D
 Acq: 7 Aug 2017 16:58

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

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

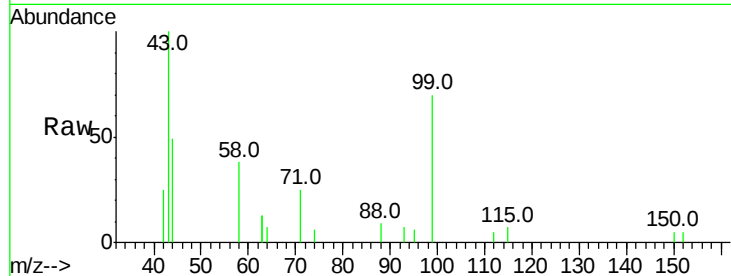
Tot Ion: 99 Resp: 1410

Ion Ratio Lower Upper

99 100

42 22.1 0.0 0.0#

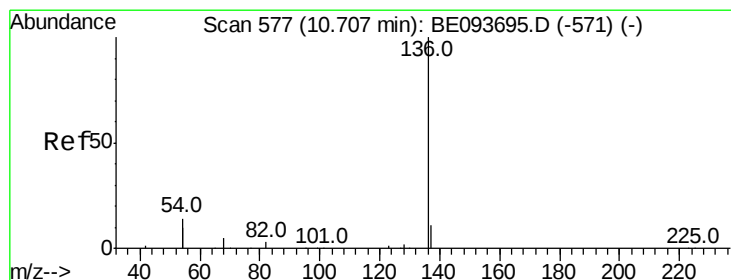
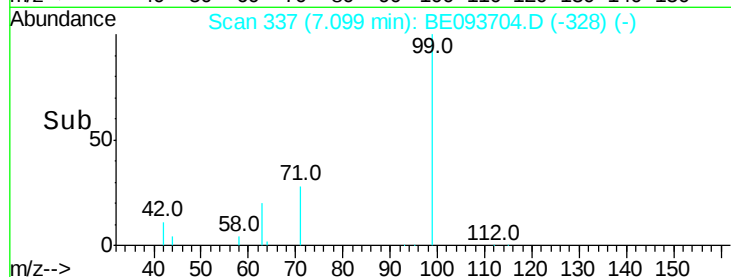
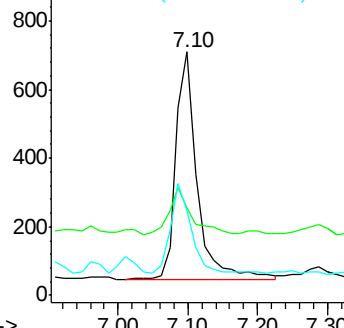
71 37.8 0.0 0.0#



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

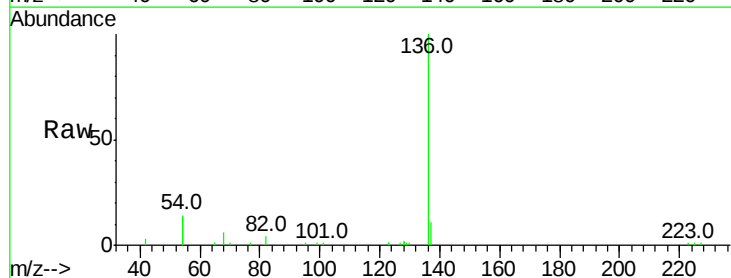
Ion Ratio Lower Upper

136 100

137 11.3 9.8 14.8

54 28.9 10.3 15.5#

68 5.9 9.0 13.4#

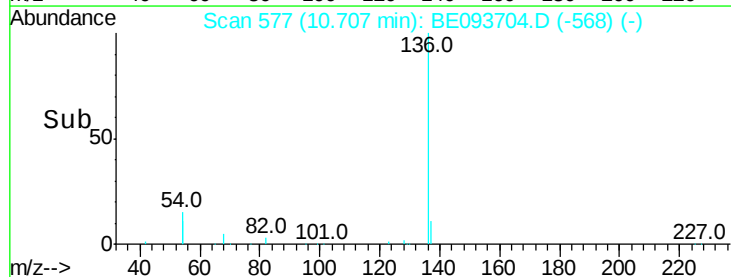
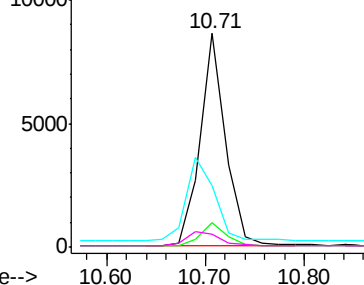


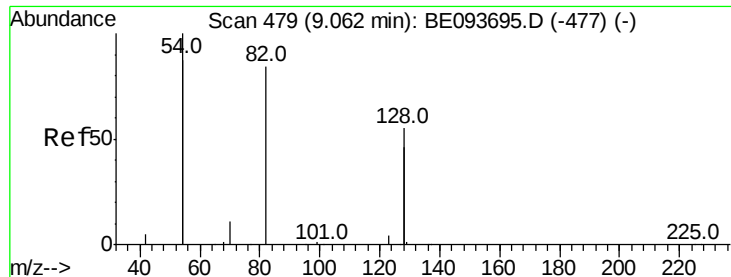
Abundance Ion 136.00 (135.70 to 136.70): E

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

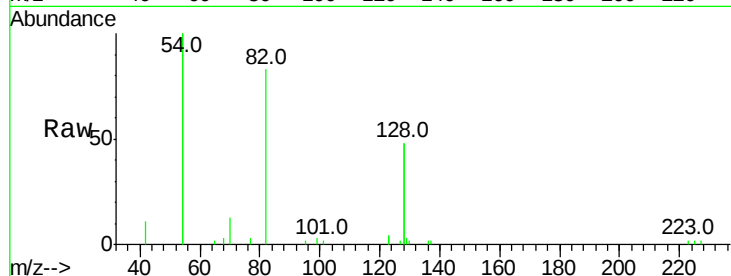
Tot Ion: 82 Resp: 4494

Ion Ratio Lower Upper

82 100

128 116.0 17.0 25.4#

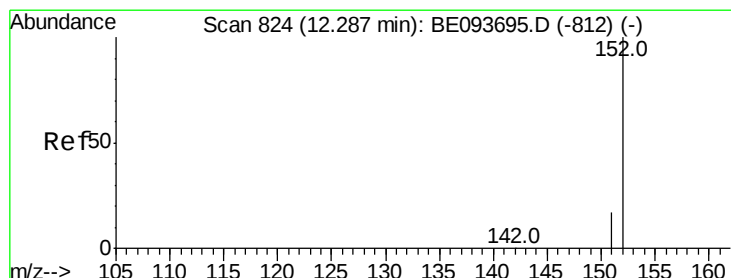
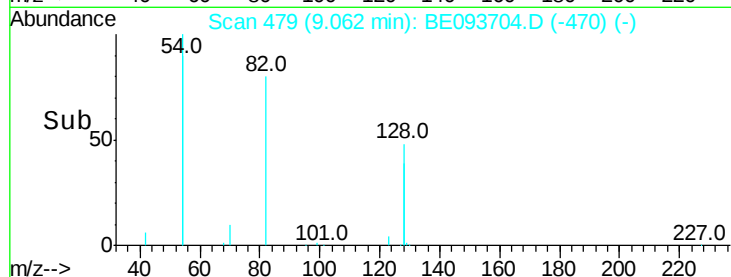
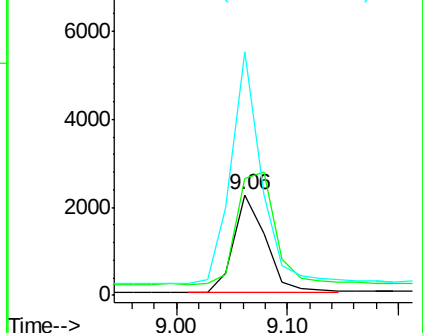
54 242.4 53.8 80.6#



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

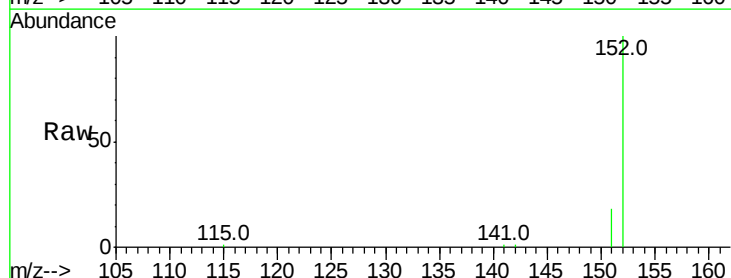
Acq: 7 Aug 2017 16:58

Tgt Ion: 152 Resp: 8341

Ion Ratio Lower Upper

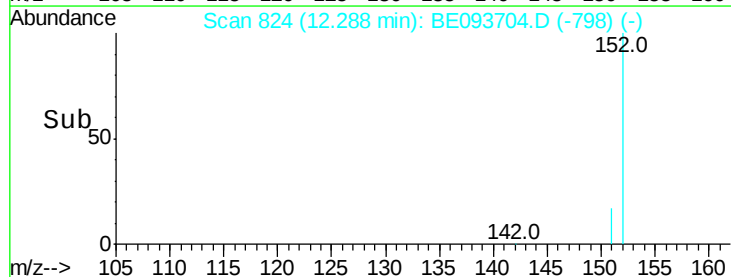
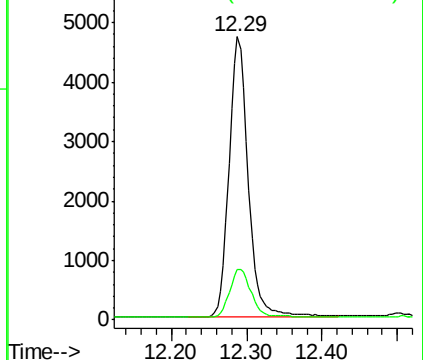
152 100

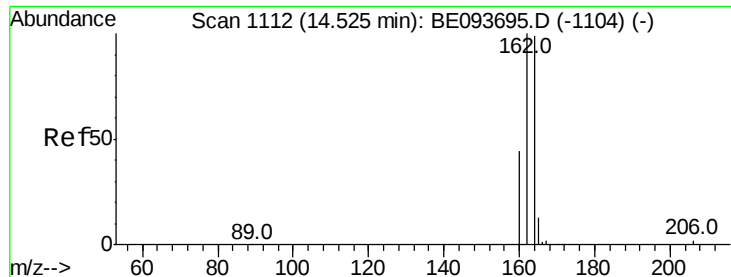
151 19.0 15.1 22.7



Abundance Ion 152.00 (151.70 to 152.70): BE0

Ion 151.00 (150.70 to 151.70): BE0





#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

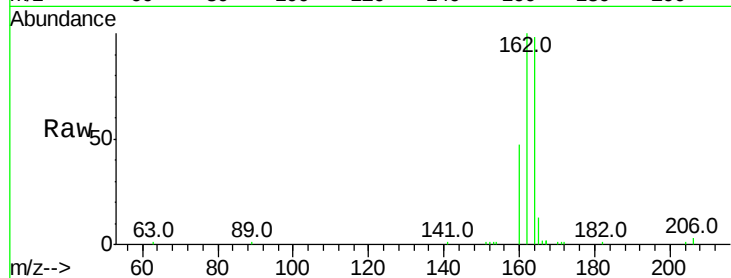
Tot Ion:164 Resp: 8421

Ion Ratio Lower Upper

164 100

162 102.5 84.6 127.0

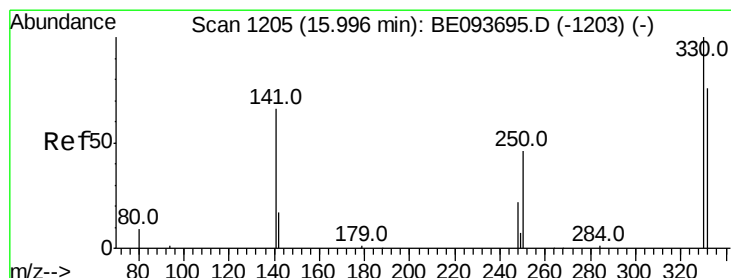
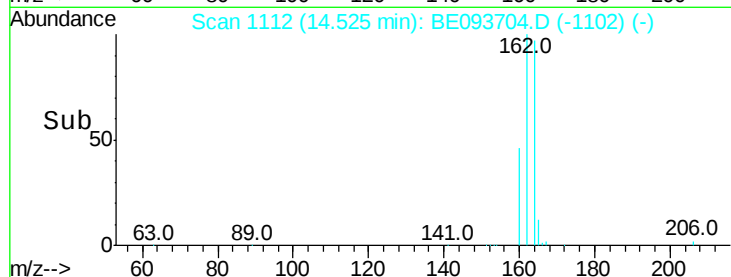
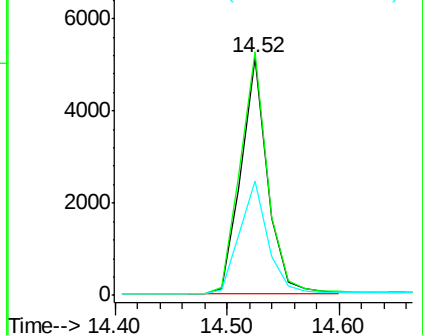
160 48.1 41.8 62.6



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#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

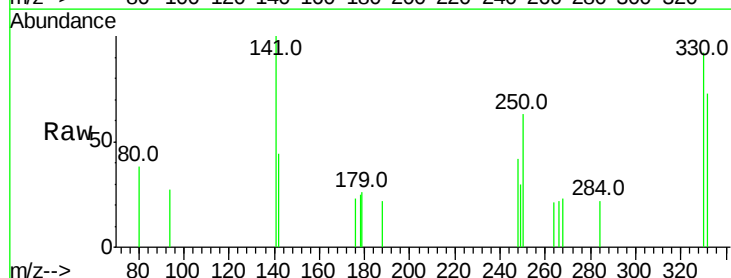
Tgt Ion:330 Resp: 589

Ion Ratio Lower Upper

330 100

332 0.0 77.7 116.5#

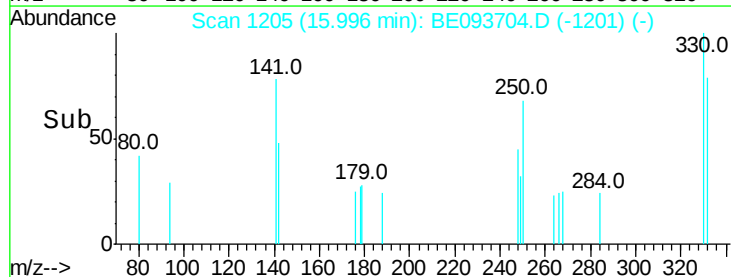
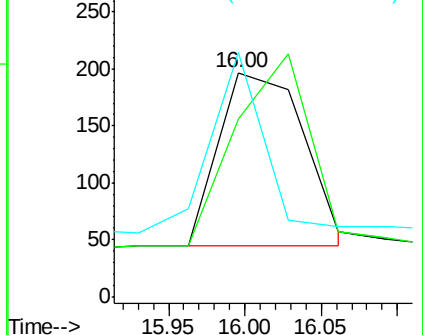
141 64.7 56.2 84.4

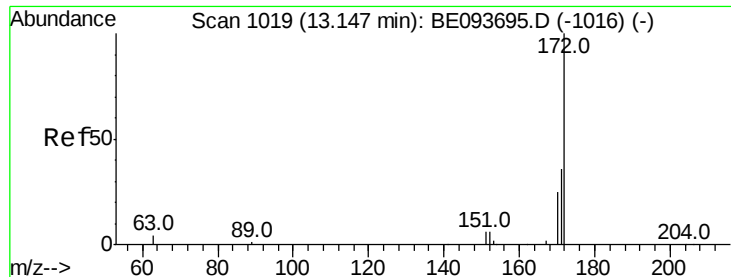


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

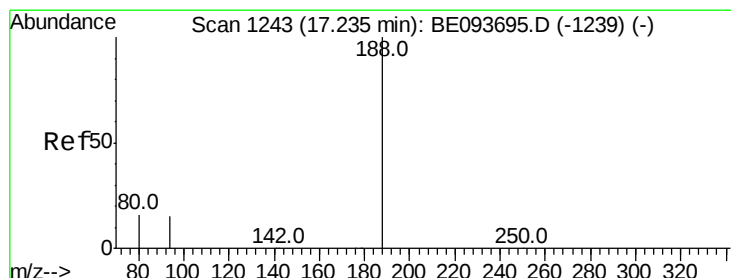
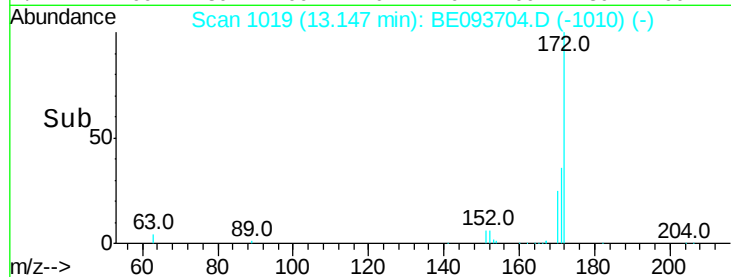
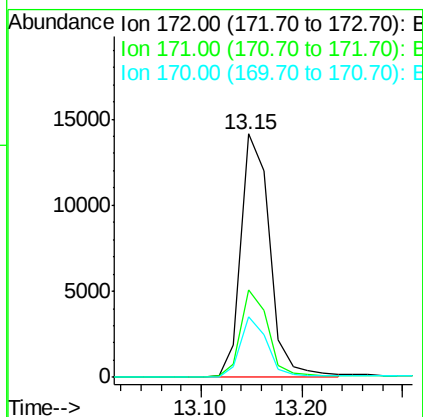
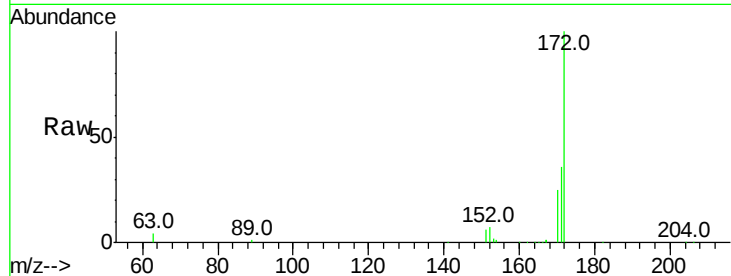




#15
2-Fluorobiphenyl
Concen: 0.838 ng
RT: 13.15 min Scan# 1019
Delta R.T. 0.00 min
Lab File: BE093704.D
Acq: 7 Aug 2017 16:58

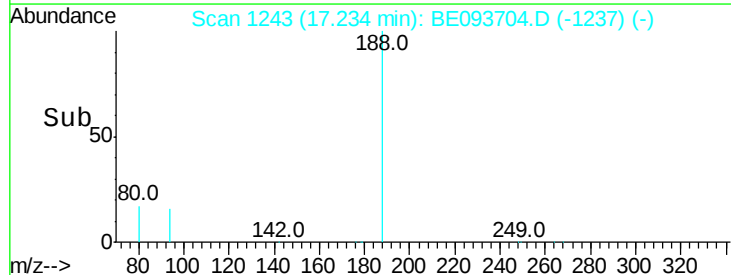
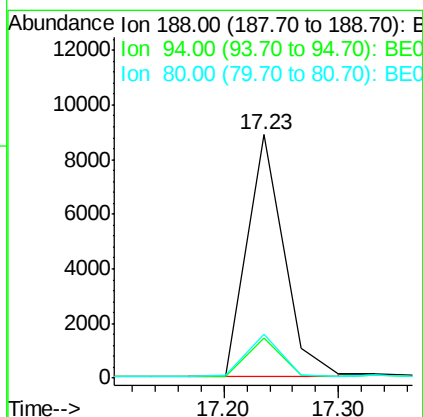
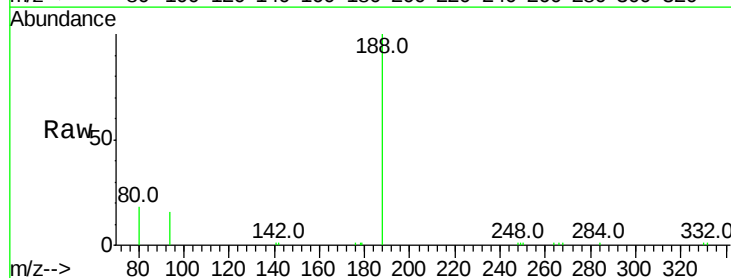
Instrument :
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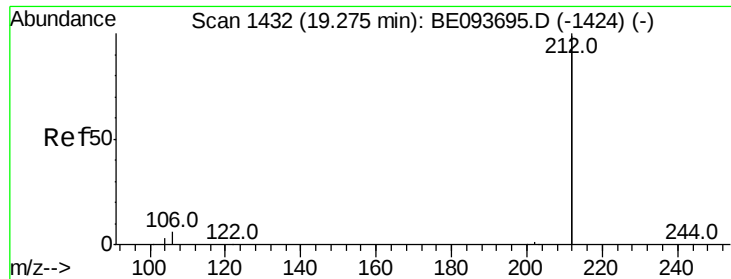
Tot Ion:172 Resp: 27830
Ion Ratio Lower Upper
172 100
171 36.1 29.8 44.6
170 25.1 20.7 31.1



#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

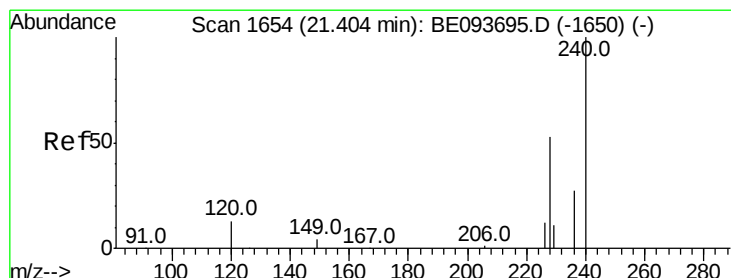
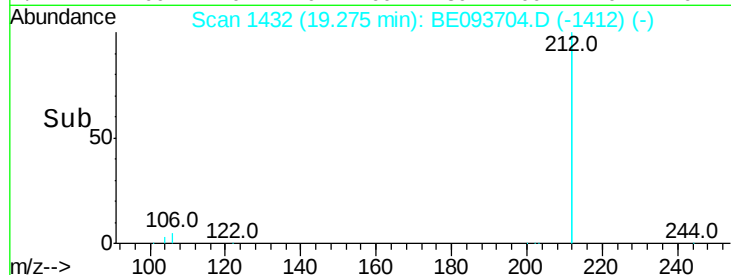
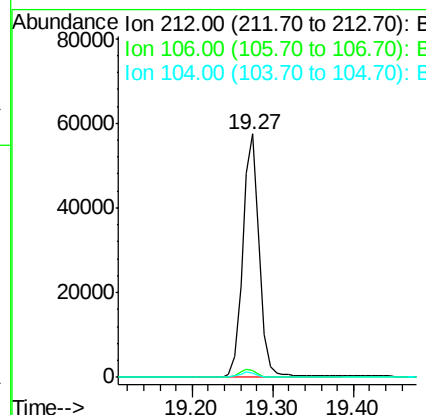
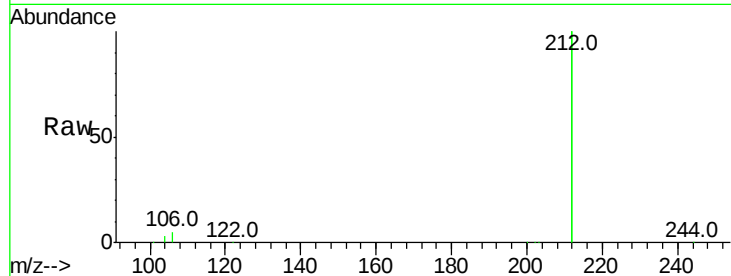
Instrument :

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

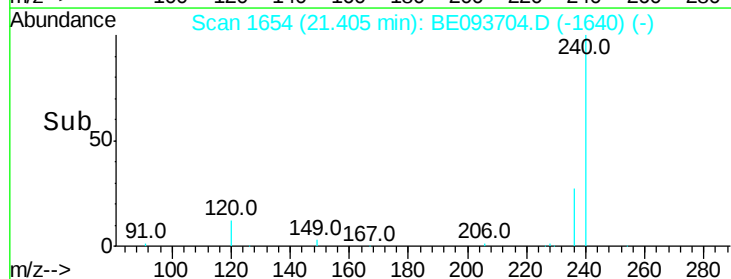
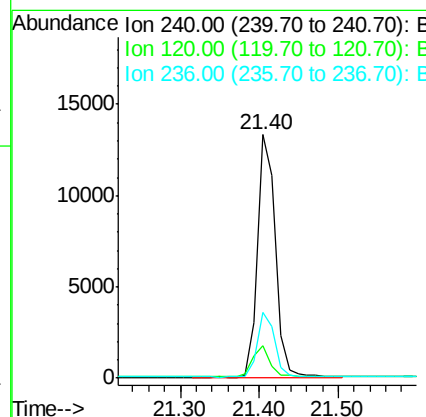
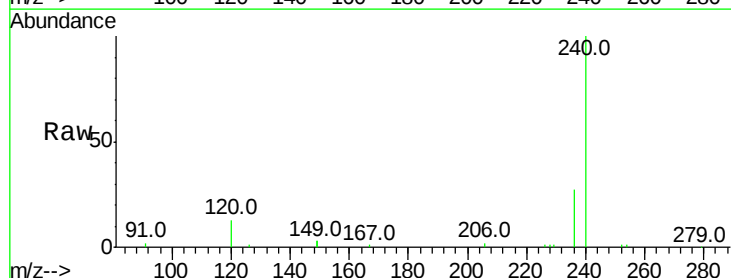
RT: 21.40 min Scan# 1654

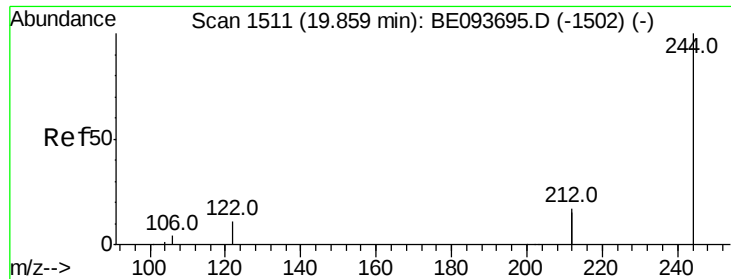
Delta R.T. 0.00 min

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

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KY038PS033-170727

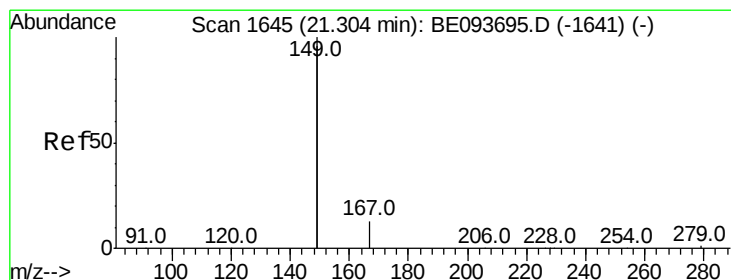
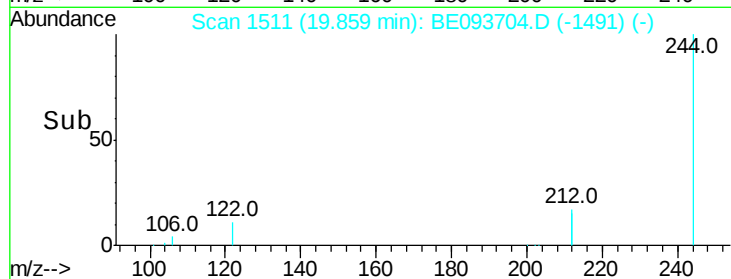
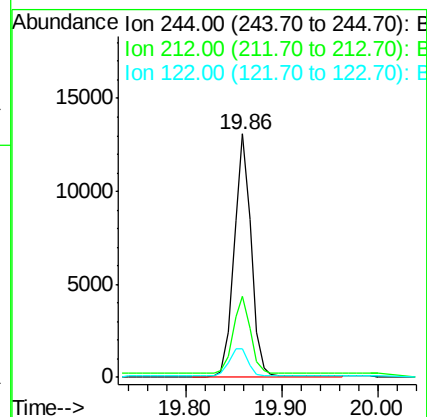
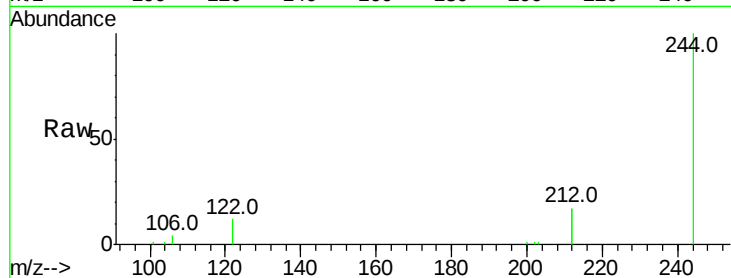
Tot Ion:244 Resp: 15903

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

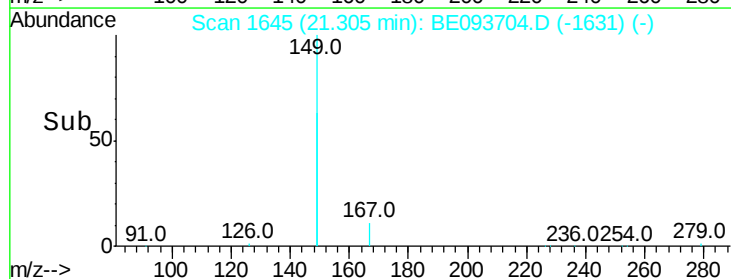
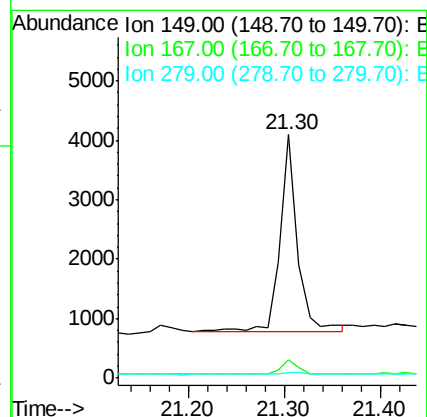
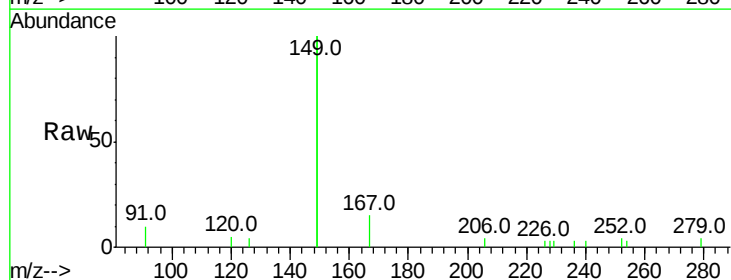
Tgt Ion:149 Resp: 4202

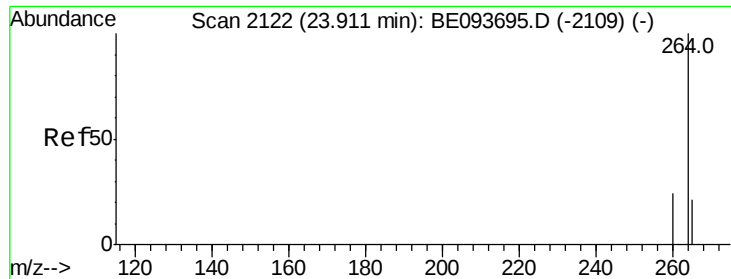
Ion Ratio Lower Upper

149 100

167 6.6 4.8 7.2

279 1.1 0.8 1.2

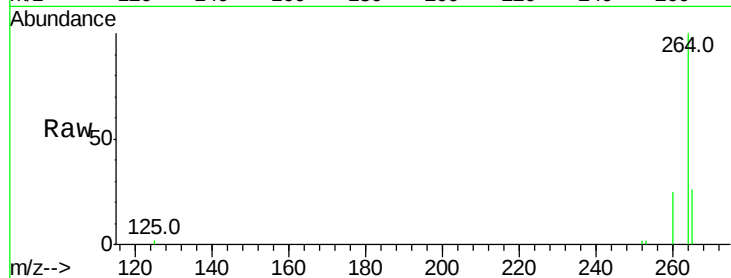




#34
Pervlone-d12
Concen: 0.400 ng
RT: 23.91 min Scan# 2122
Delta R.T. 0.00 min
Lab File: BE093704.D
Acq: 7 Aug 2017 16:58

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



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

