

Data Path : Z:\HPCHEM1\BNA E\DATA\BE040216\
 Data File : BE091599.D
 Acq On : 1 Apr 2016 20:37
 Operator : UM/SJ
 Sample : H2090-04
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 KY038PS038-160330

Quant Time: Apr 02 00:06:55 2016
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE033016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 30 18:45:59 2016
 Response via : Initial Calibration

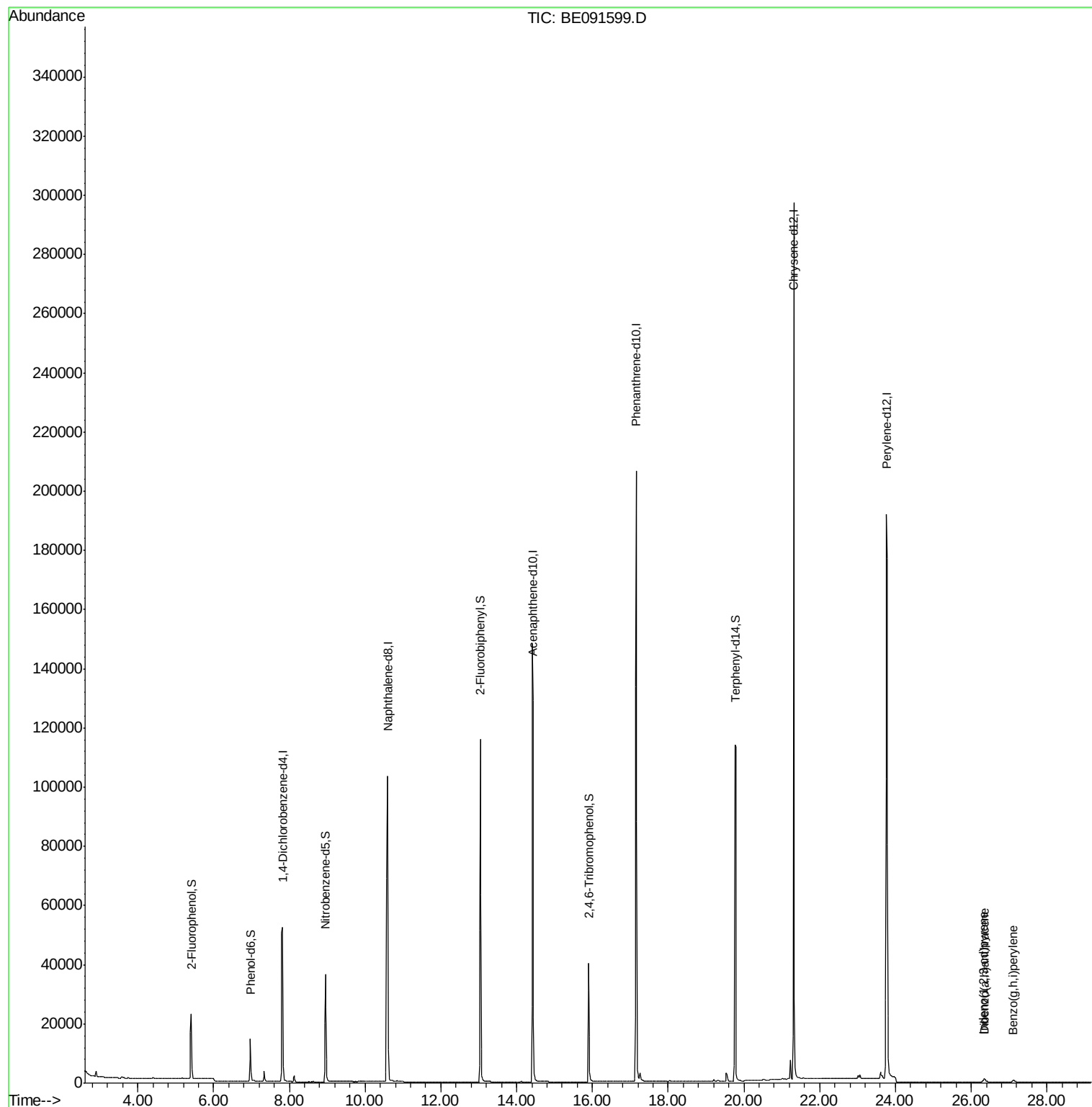
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	35448	5.00	ng	0.00
6) Naphthalene-d8	10.59	136	169944	5.00	ng	0.00
10) Acenaphthene-d10	14.43	164	105825	5.00	ng	-0.01
16) Phenanthrene-d10	17.16	188	269832	5.00	ng	-0.01
22) Chrysene-d12	21.31	240	342630	5.00	ng	-0.02
28) Perylene-d12	23.76	264	292748	5.00	ng	-0.03
System Monitoring Compounds						
4) 2-Fluorophenol	5.41	112	20896	2.25	ng	-0.02
5) Phenol-d6	6.97	99	17041	1.36	ng	-0.02
7) Nitrobenzene-d5	8.96	82	34472	3.02	ng	-0.02
11) 2,4,6-Tribromophenol	15.91	330	31523	6.72	ng	-0.01
12) 2-Fluorobiphenyl	13.05	172	111741	3.72	ng	-0.02
24) Terphenyl-d14	19.78	244	218466	5.02	ng	0.00
Target Compounds						
27) Indeno(1,2,3-cd)pyrene	26.33	276	1835	0.02	ng	Qvalue 98
32) Dibenzo(a,h)anthracene	26.36	278	1702	0.03	ng	# 71
33) Benzo(a,h,i)perylene	27.11	276	1653	0.03	ng	# 78

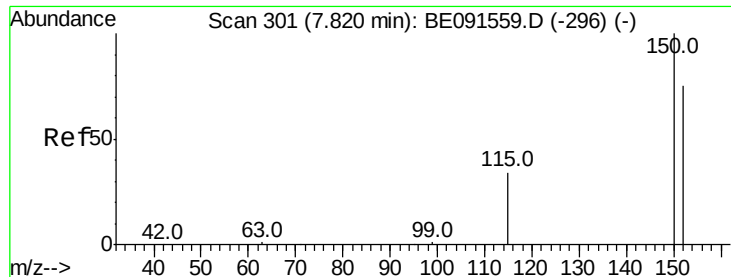
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA E\DATA\BE040216\
Data File : BE091599.D
Acq On : 1 Apr 2016 20:37
Operator : UM/SJ
Sample : H2090-04
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
KY038PS038-160330

Quant Time: Apr 02 00:06:55 2016
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE033016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 30 18:45:59 2016
Response via : Initial Calibration



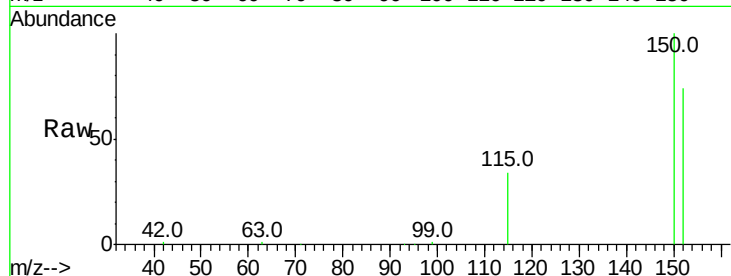


#1

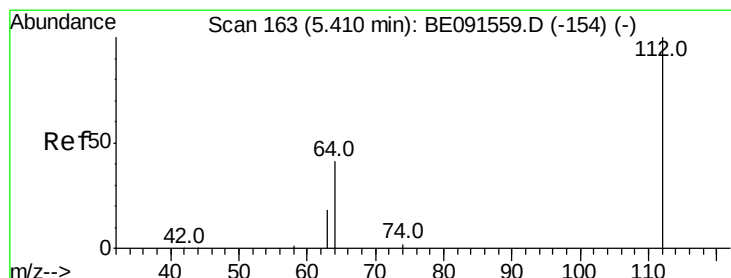
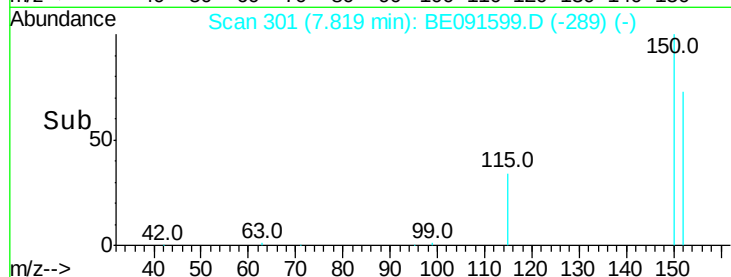
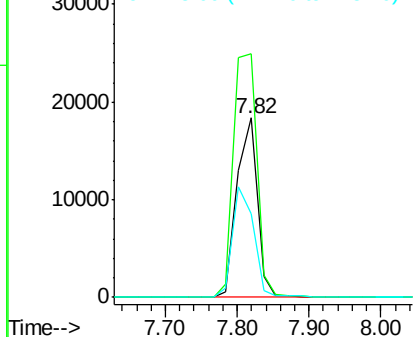
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.82 min Scan# 301
Delta R.T. -0.00 min
Lab File: BE091599.D
Acq: 1 Apr 2016 20:37

Instrument :
BNA_E
ClientSampleId :
KY038PS038-160330

Tot Ion:152 Resp: 35448
Ion Ratio Lower Upper
152 100
150 135.9 122.2 183.2
115 46.8 45.9 68.9



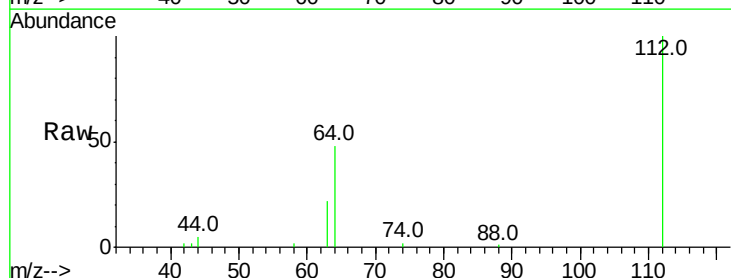
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



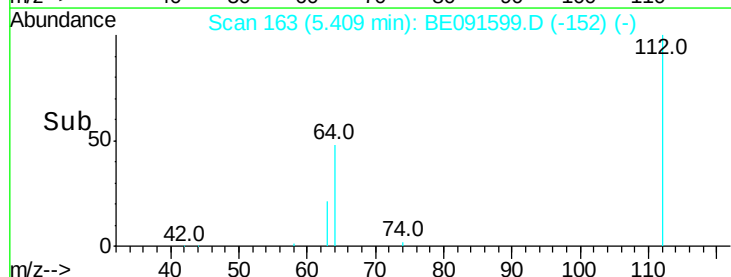
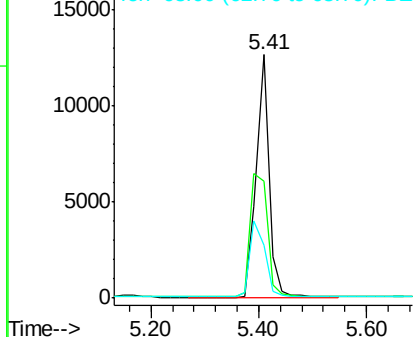
#4

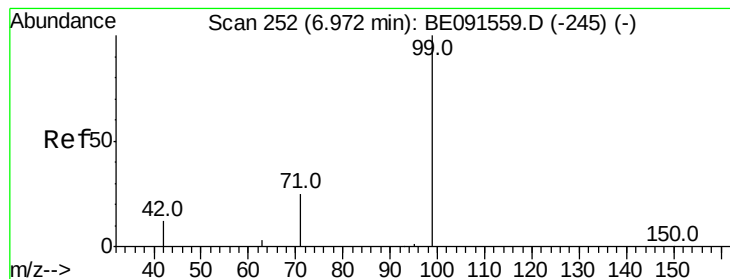
2-Fluorophenol
Concen: 2.25 ng
RT: 5.41 min Scan# 163
Delta R.T. -0.02 min
Lab File: BE091599.D
Acq: 1 Apr 2016 20:37

Tgt Ion:112 Resp: 20896
Ion Ratio Lower Upper
112 100
64 68.3 53.3 79.9
63 36.6 29.8 44.8



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: 1.36 ng

RT: 6.97 min Scan# 252

Delta R.T. -0.02 min

Lab File: BE091599.D

Acq: 1 Apr 2016 20:37

Instrument :

BNA_E

ClientSampleId :

KY038PS038-160330

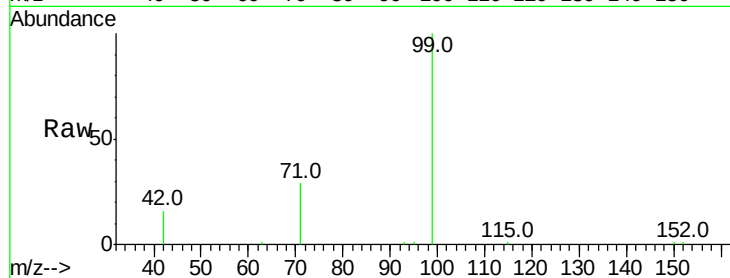
Tot Ion: 99 Resp: 17041

Ion Ratio Lower Upper

99 100

42 24.7 20.6 30.8

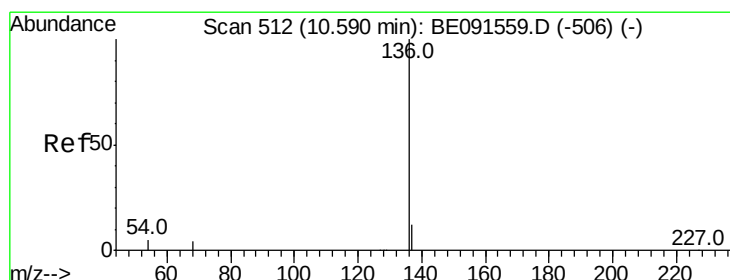
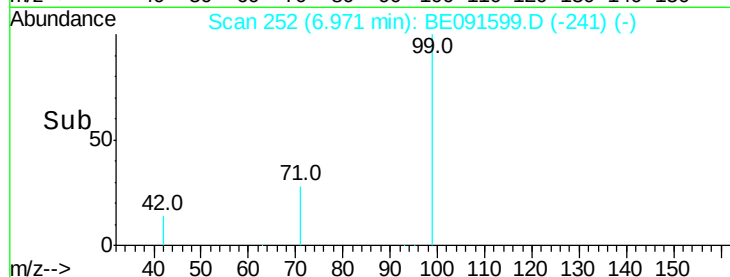
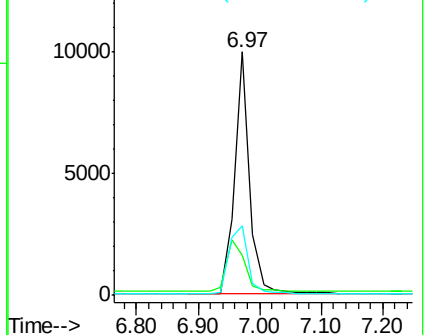
71 36.3 29.0 43.4



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



#6

Naphthalene-d8

Concen: 5.00 ng

RT: 10.59 min Scan# 512

Delta R.T. -0.00 min

Lab File: BE091599.D

Acq: 1 Apr 2016 20:37

Tgt Ion: 136 Resp: 169944

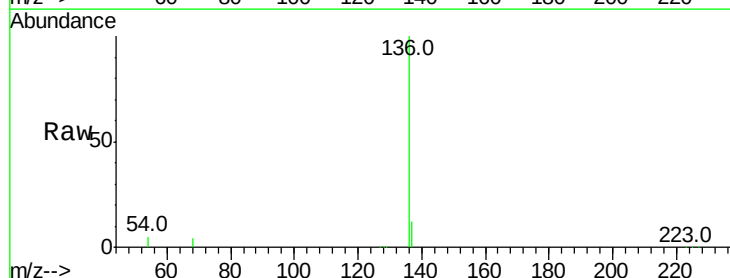
Ion Ratio Lower Upper

136 100

137 11.8 8.8 13.2

54 4.6 5.2 7.8#

68 3.9 4.1 6.1#

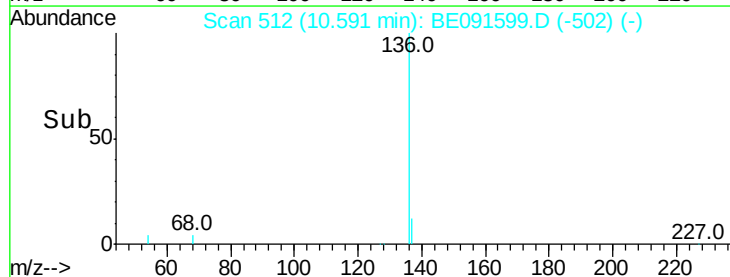
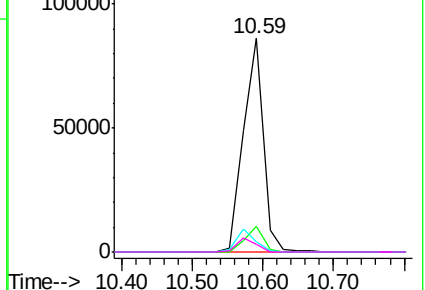


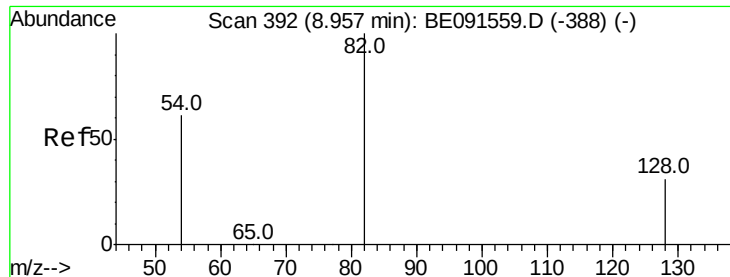
Abundance Ion 136.00 (135.70 to 136.70): E

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





#7

Nitrobenzene-d5

Concen: 3.02 ng

RT: 8.96 min Scan# 392

Delta R.T. -0.02 min

Lab File: BE091599.D

Acq: 1 Apr 2016 20:37

Instrument :

BNA_E

ClientSampleId :

KY038PS038-160330

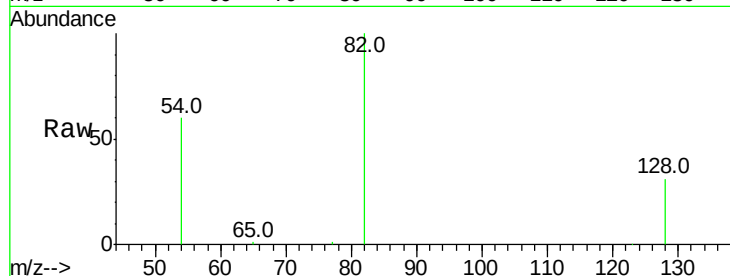
Tot Ion: 82 Resp: 34472

Ion Ratio Lower Upper

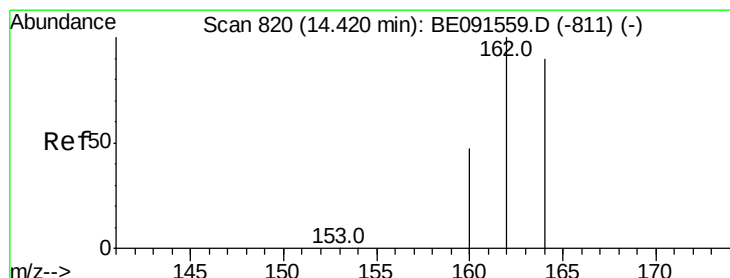
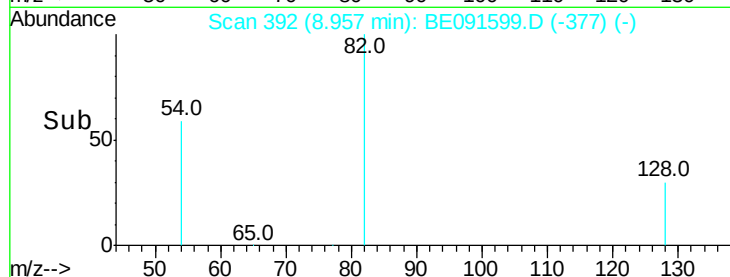
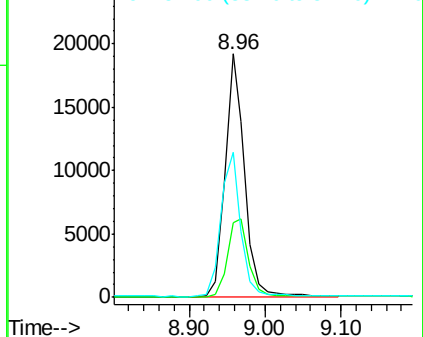
82 100

128 30.6 23.5 35.3

54 59.6 52.4 78.6



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



#10

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.43 min Scan# 821

Delta R.T. -0.01 min

Lab File: BE091599.D

Acq: 1 Apr 2016 20:37

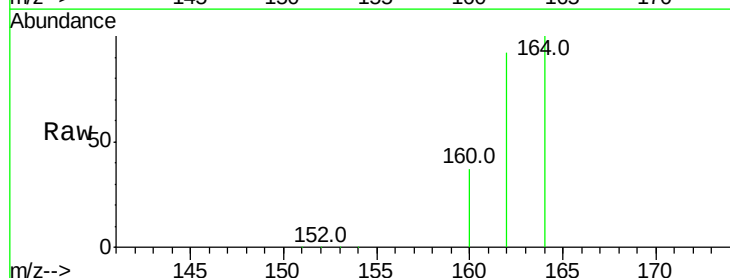
Tgt Ion: 164 Resp: 105825

Ion Ratio Lower Upper

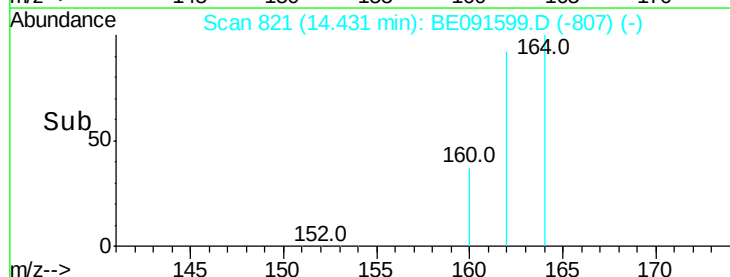
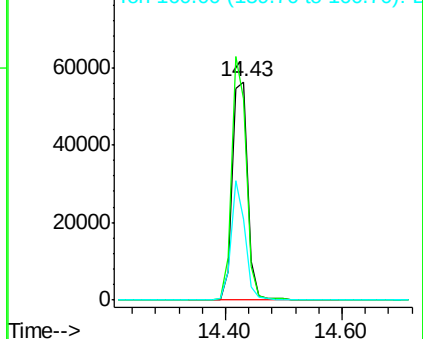
164 100

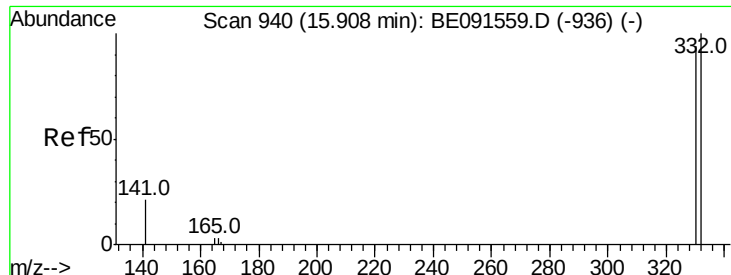
162 92.2 84.4 126.6

160 36.9 37.7 56.5#



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

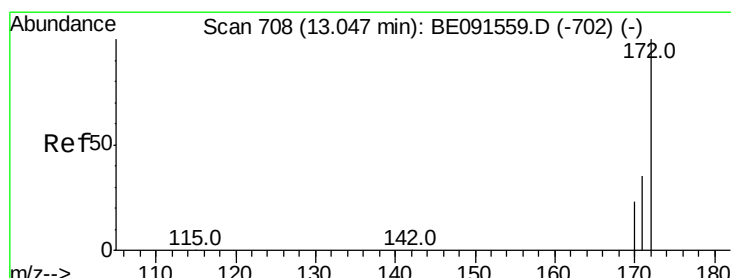
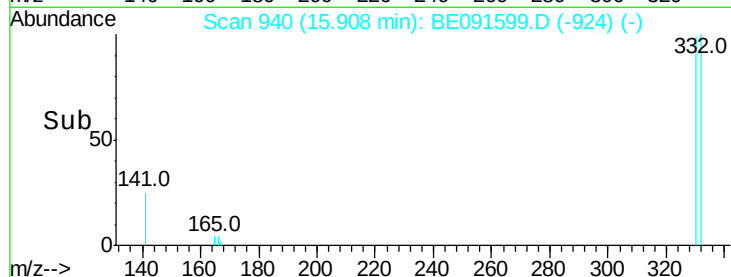
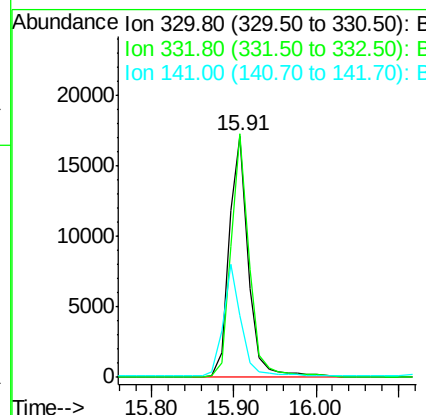
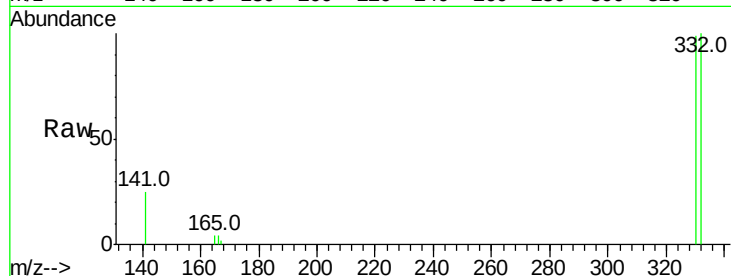




#11
 2,4,6-Tribromophenol
 Concen: 6.72 ng
 RT: 15.91 min Scan# 940
 Delta R.T. -0.01 min
 Lab File: BE091599.D
 Acq: 1 Apr 2016 20:37

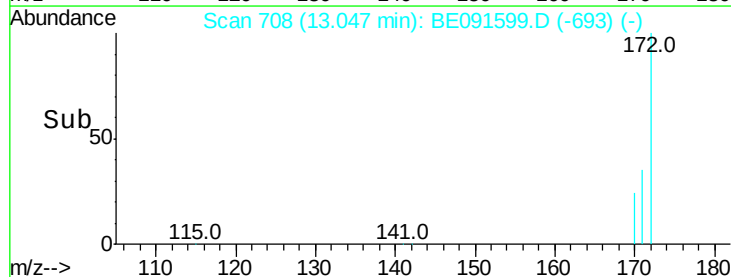
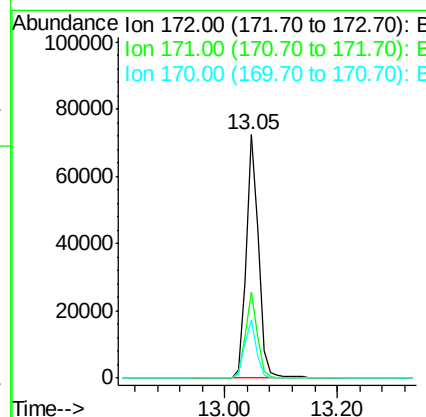
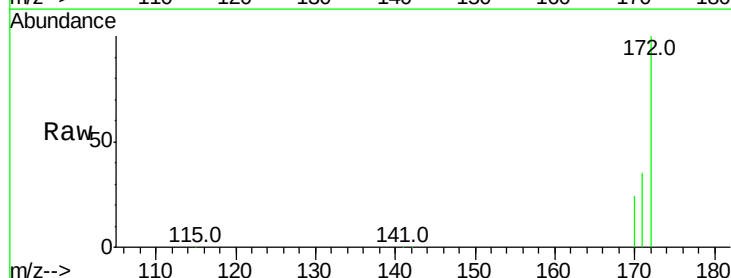
Instrument :
 BNA_E
 ClientSampleId :
 KY038PS038-160330

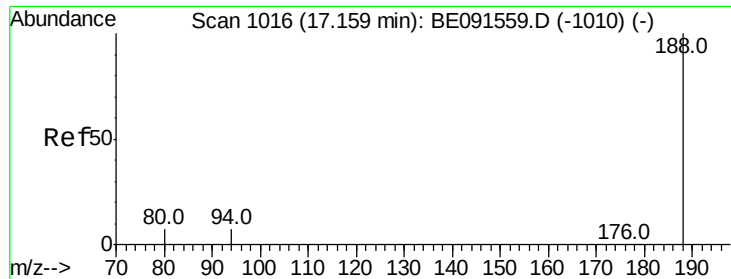
Tot Ion:330 Resp: 31523
 Ion Ratio Lower Upper
 330 100
 332 97.1 79.2 118.8
 141 43.6 28.1 42.1#



#12
 2-Fluorobiphenyl
 Concen: 3.72 ng
 RT: 13.05 min Scan# 708
 Delta R.T. -0.02 min
 Lab File: BE091599.D
 Acq: 1 Apr 2016 20:37

Tgt Ion:172 Resp: 111741
 Ion Ratio Lower Upper
 172 100
 171 35.3 29.8 44.8
 170 24.1 21.4 32.2

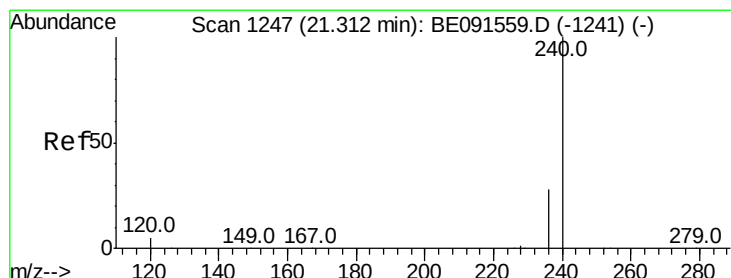
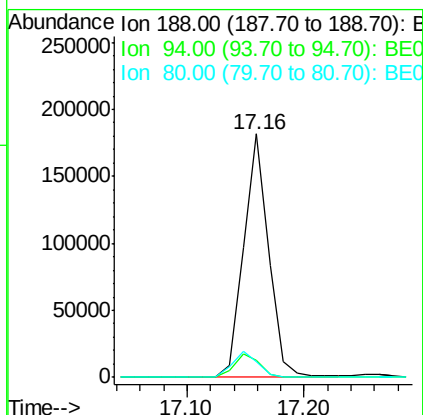
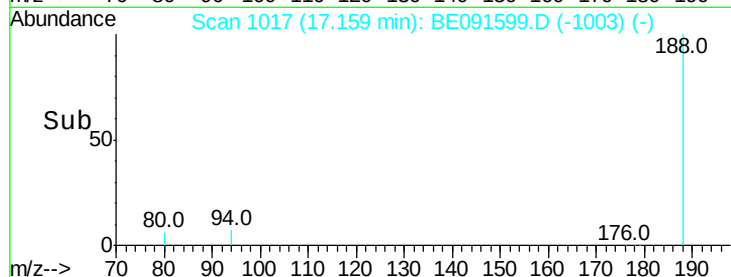
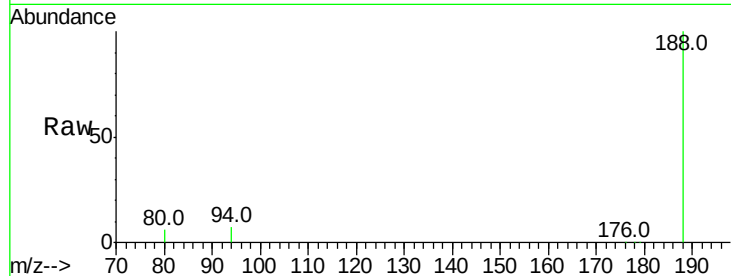




#16
 Phenanthrene-d10
 Concen: 5.00 ng
 RT: 17.16 min Scan# 1017
 Delta R.T. -0.01 min
 Lab File: BE091599.D
 Acq: 1 Apr 2016 20:37

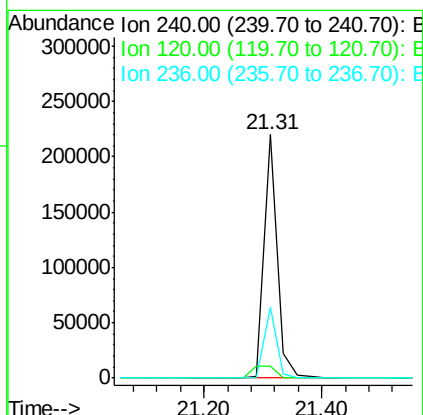
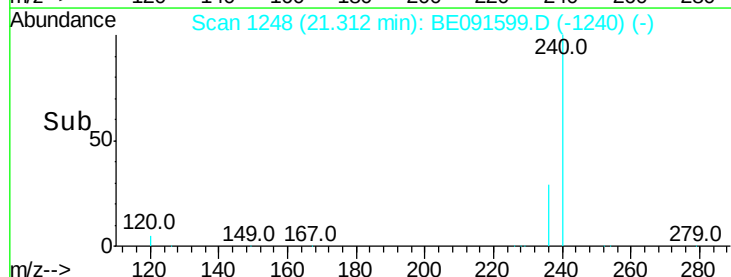
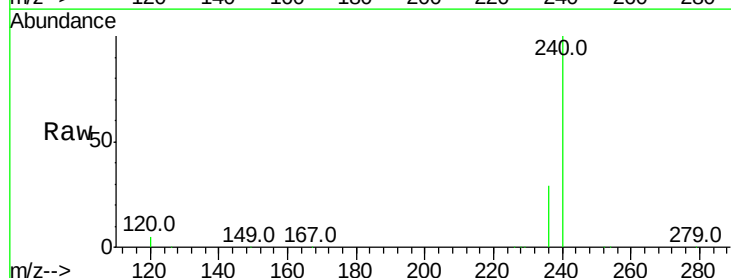
Instrument :
 BNA_E
 ClientSampleId :
 KY038PS038-160330

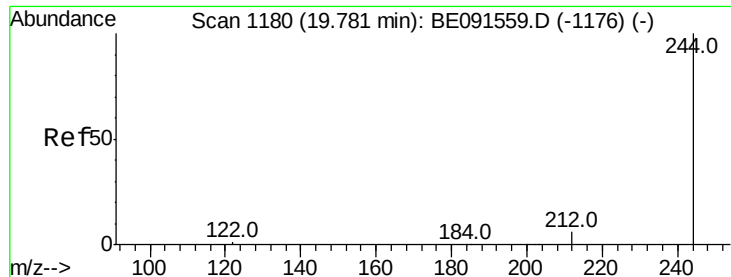
Tot Ion:188 Resp: 269832
 Ion Ratio Lower Upper
 188 100
 94 7.1 5.4 8.2
 80 6.4 5.0 7.4



#22
 Chrysene-d12
 Concen: 5.00 ng
 RT: 21.31 min Scan# 1248
 Delta R.T. -0.02 min
 Lab File: BE091599.D
 Acq: 1 Apr 2016 20:37

Tgt Ion:240 Resp: 342630
 Ion Ratio Lower Upper
 240 100
 120 5.1 4.0 6.0
 236 28.9 23.0 34.4





#24

Terphenyl-d14

Concen: 5.02 ng

RT: 19.78 min Scan# 1181

Delta R.T. -0.00 min

Lab File: BE091599.D

Acq: 1 Apr 2016 20:37

Instrument :

BNA_E

ClientSampleId :

KY038PS038-160330

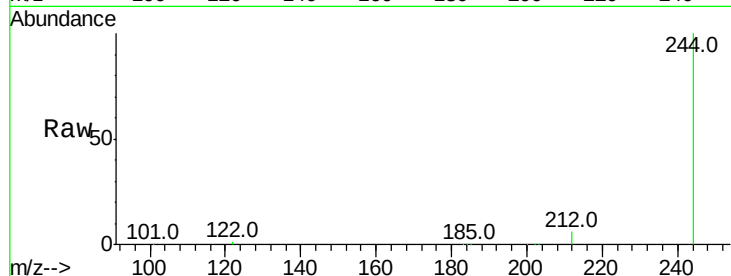
Tot Ion:244 Resp: 218466

Ion Ratio Lower Upper

244 100

212 6.4 5.8 8.8

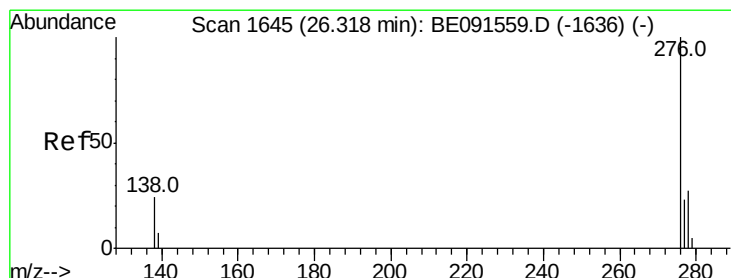
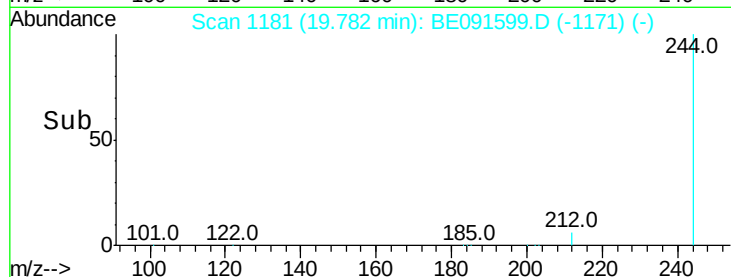
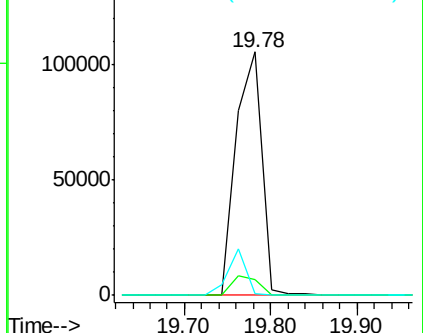
122 0.6 1.8 2.8#



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



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.02 ng

RT: 26.33 min Scan# 1647

Delta R.T. -0.05 min

Lab File: BE091599.D

Acq: 1 Apr 2016 20:37

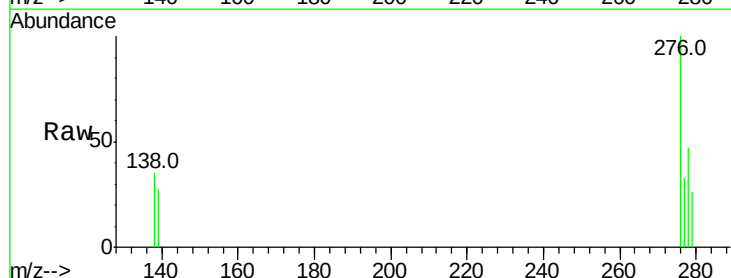
Tgt Ion:276 Resp: 1835

Ion Ratio Lower Upper

276 100

138 27.4 20.2 30.4

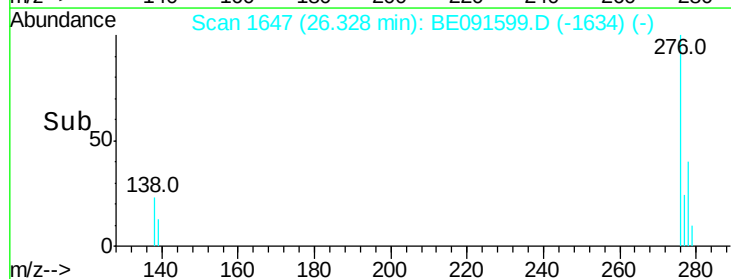
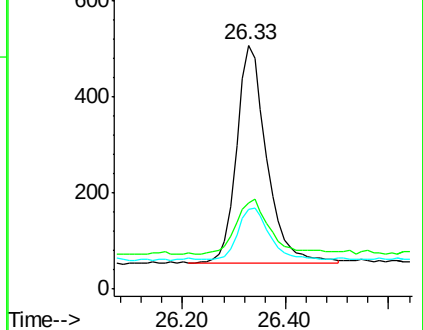
277 25.1 19.8 29.8

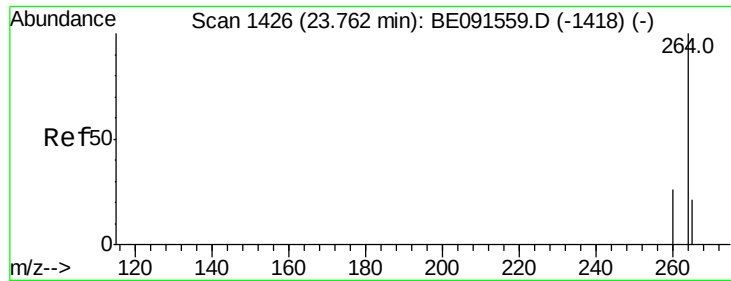


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

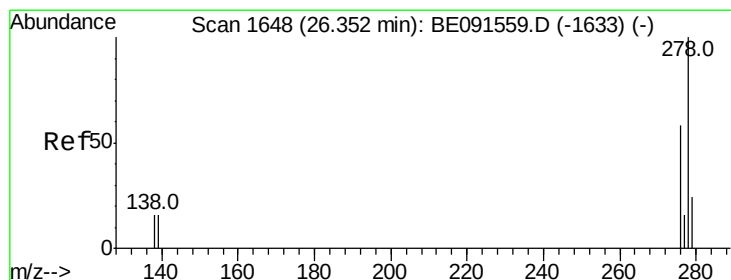
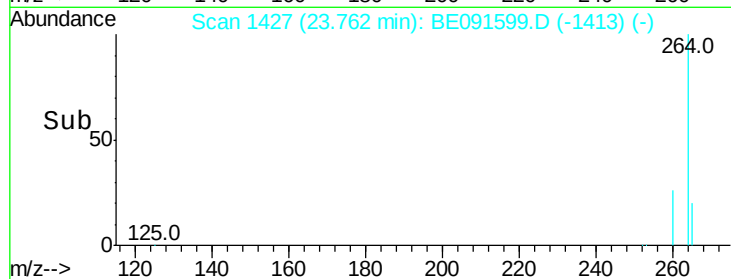
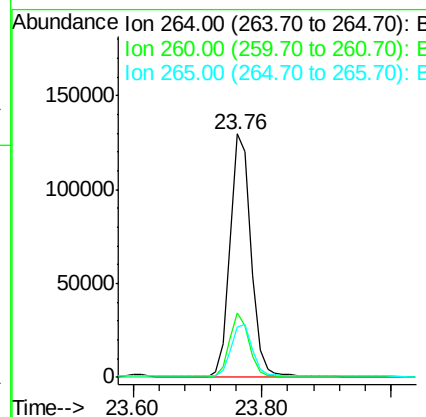
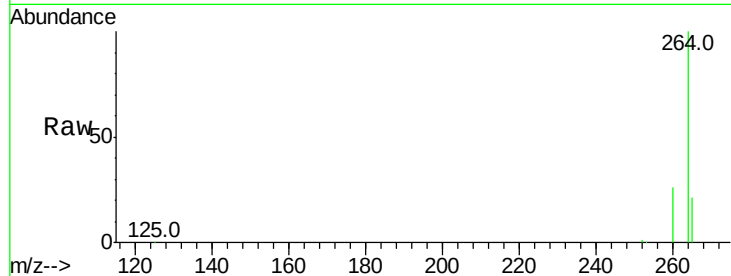




#28
 Pervlene-d12
 Concen: 5.00 ng
 RT: 23.76 min Scan# 1427
 Delta R.T. -0.03 min
 Lab File: BE091599.D
 Acq: 1 Apr 2016 20:37

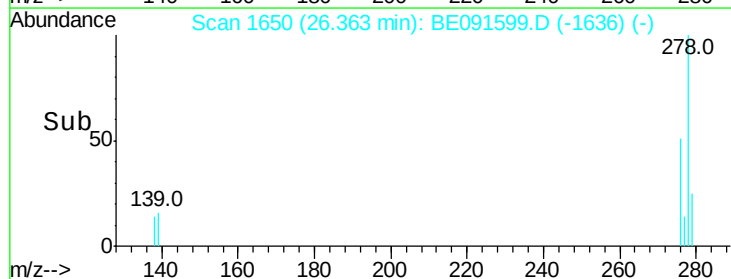
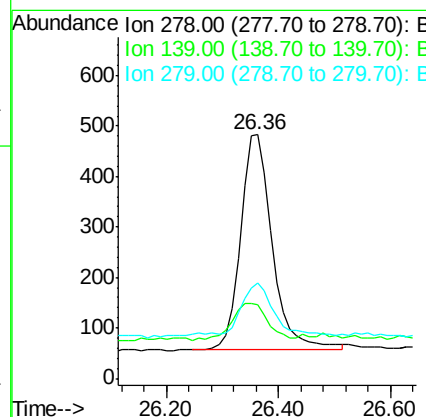
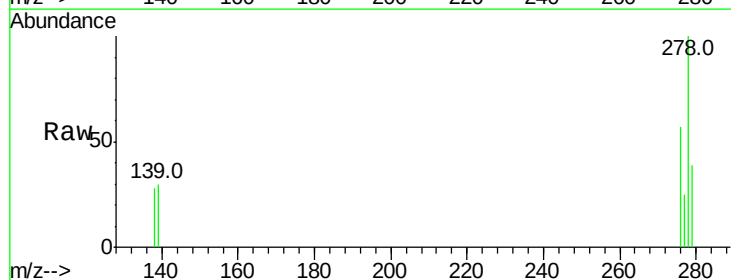
Instrument :
 BNA_E
 ClientSampleId :
 KY038PS038-160330

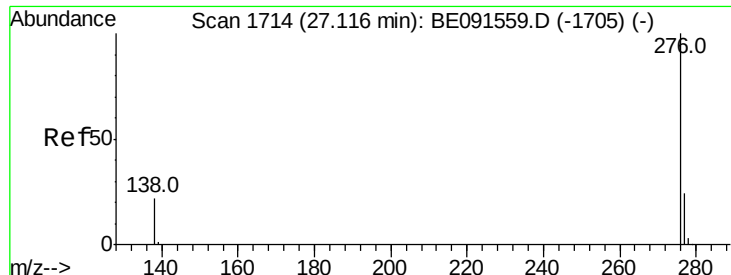
Tot Ion:264 Resp: 292748
 Ion Ratio Lower Upper
 264 100
 260 26.4 20.1 30.1
 265 20.9 18.3 27.5



#32
 Dibenzo(a,h)anthracene
 Concen: 0.03 ng
 RT: 26.36 min Scan# 1650
 Delta R.T. -0.03 min
 Lab File: BE091599.D
 Acq: 1 Apr 2016 20:37

Tgt Ion:278 Resp: 1702
 Ion Ratio Lower Upper
 278 100
 139 30.0 14.2 21.4#
 279 39.3 19.6 29.4#





#33

Benzo(a,h,i)perylene

Concen: 0.03 ng

RT: 27.11 min Scan# 1715

Delta R.T. -0.05 min

Lab File: BE091599.D

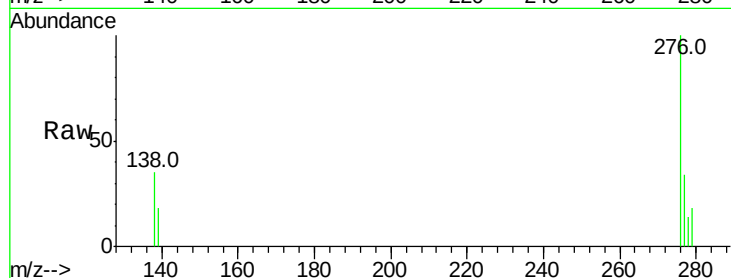
Acq: 1 Apr 2016 20:37

Instrument :

BNA_E

ClientSampleId :

KY038PS038-160330



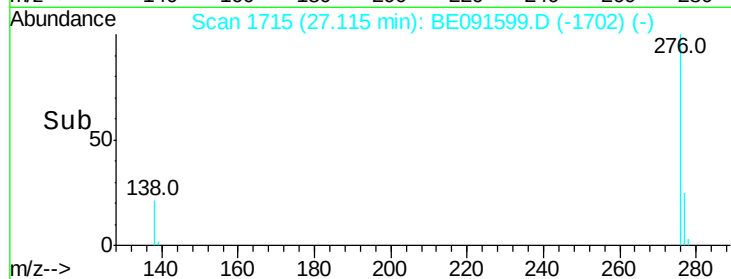
Tot Ion: 276 Resp: 1653

Ion Ratio Lower Upper

276 100

277 34.4 19.4 29.2#

138 34.8 18.2 27.4#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

