

Data Path : Z:\HPCHEM1\BNA E\DATA\BE040216\
 Data File : BE091598.D
 Acq On : 1 Apr 2016 19:58
 Operator : UM/SJ
 Sample : H2090-03
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 KY038PS037-160330

Quant Time: Apr 02 00:03:46 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

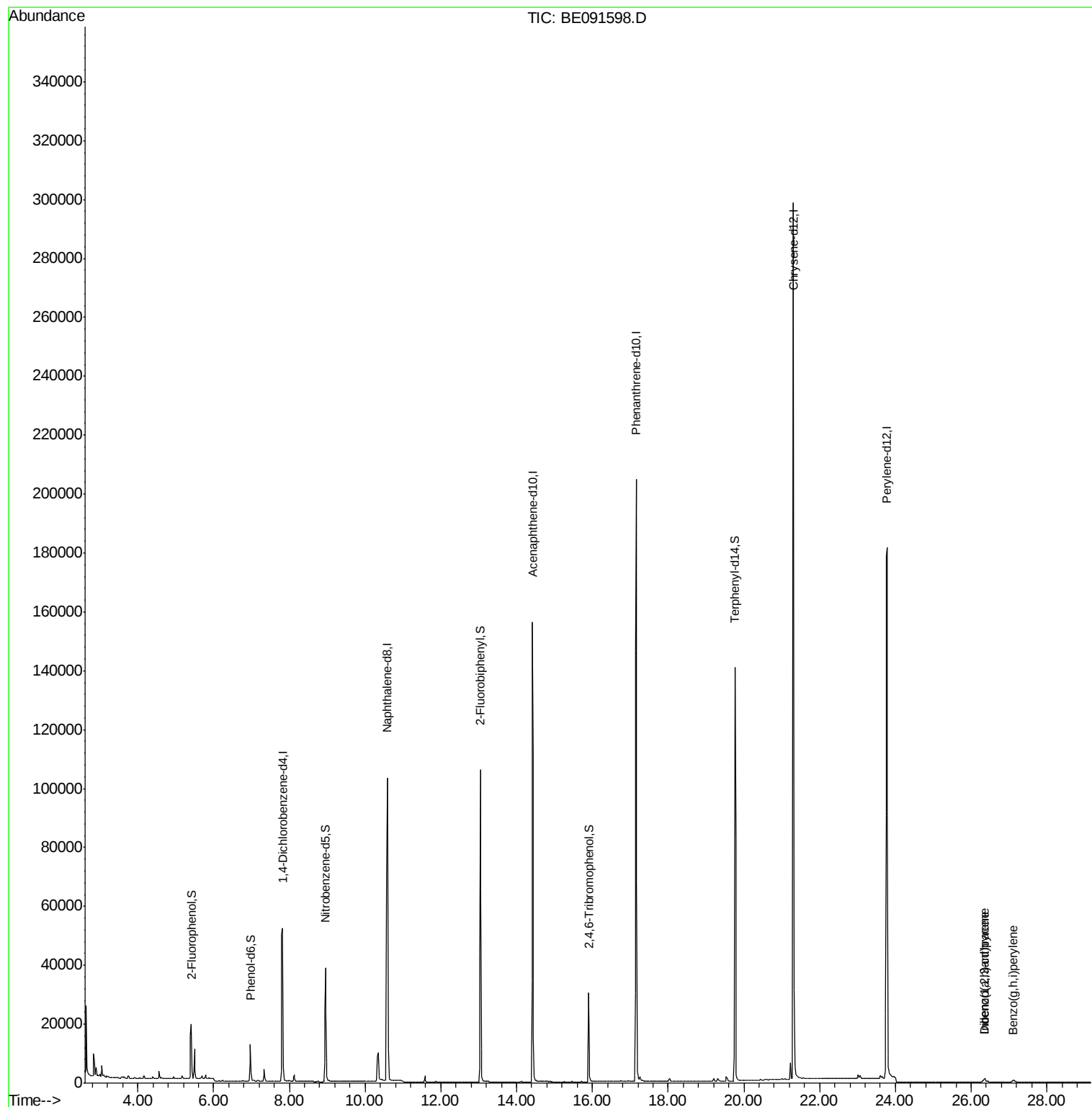
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	35345	5.00	ng	0.00
6) Naphthalene-d8	10.59	136	169642	5.00	ng	0.00
10) Acenaphthene-d10	14.42	164	103124	5.00	ng	-0.03
16) Phenanthrene-d10	17.16	188	266282	5.00	ng	-0.01
22) Chrysene-d12	21.31	240	347646	5.00	ng	-0.02
28) Perylene-d12	23.77	264	288586	5.00	ng	-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.41	112	18228	1.97	ng	-0.01
5) Phenol-d6	6.97	99	14704	1.17	ng	-0.02
7) Nitrobenzene-d5	8.96	82	35028	3.08	ng	-0.02
11) 2,4,6-Tribromophenol	15.91	330	20801	4.55	ng	-0.01
12) 2-Fluorobiphenyl	13.05	172	103582	3.53	ng	-0.02
24) Terphenyl-d14	19.76	244	216752	4.91	ng	-0.02
Target Compounds						
27) Indeno(1,2,3-cd)pyrene	26.34	276	1924	0.02	ng	Qvalue 99
32) Dibenzo(a,h)anthracene	26.36	278	1846	0.03	ng	# 74
33) Benzo(a,h,i)perylene	27.12	276	1601	0.02	ng	# 78

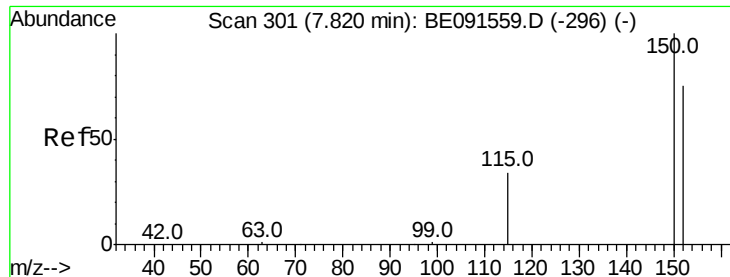
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Mar 30 18:45:59 2016
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#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 7.82 min Scan# 301

Delta R.T. 0.00 min

Lab File: BE091598.D

Acq: 1 Apr 2016 19:58

Instrument :

BNA_E

ClientSampleId :

KY038PS037-160330

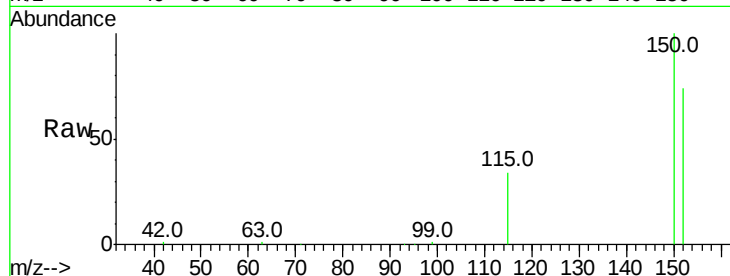
Tot Ion:152 Resp: 35345

Ion Ratio Lower Upper

152 100

150 134.9 122.2 183.2

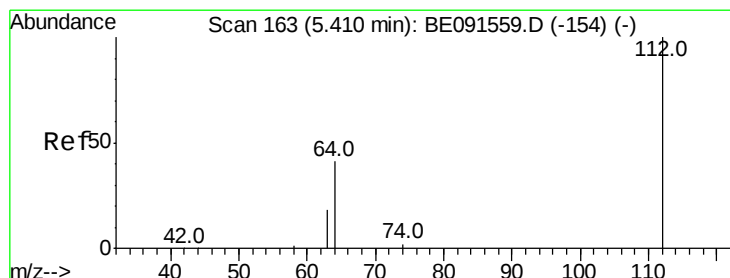
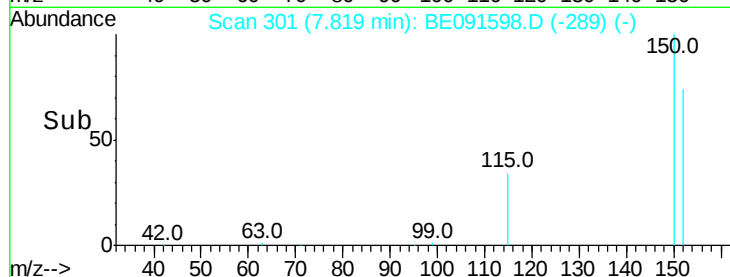
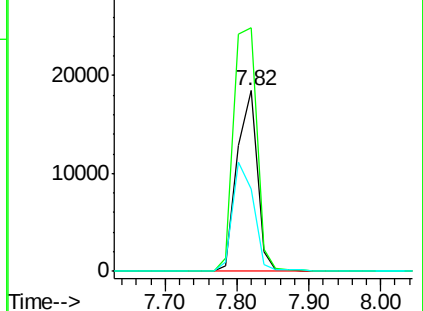
115 45.9 45.9 68.9#



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: 1.97 ng

RT: 5.41 min Scan# 163

Delta R.T. -0.01 min

Lab File: BE091598.D

Acq: 1 Apr 2016 19:58

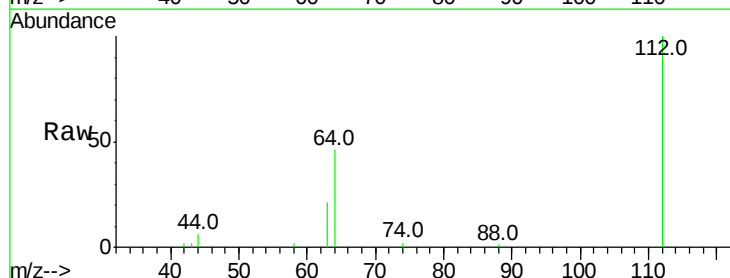
Tgt Ion:112 Resp: 18228

Ion Ratio Lower Upper

112 100

64 67.6 53.3 79.9

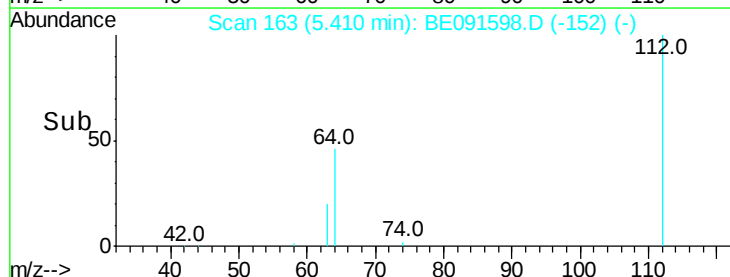
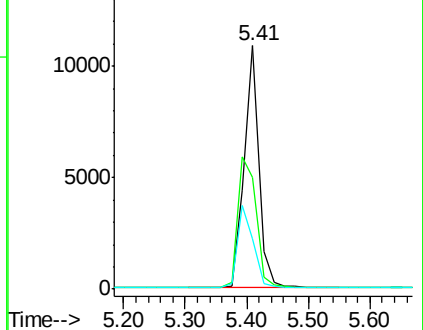
63 36.6 29.8 44.8

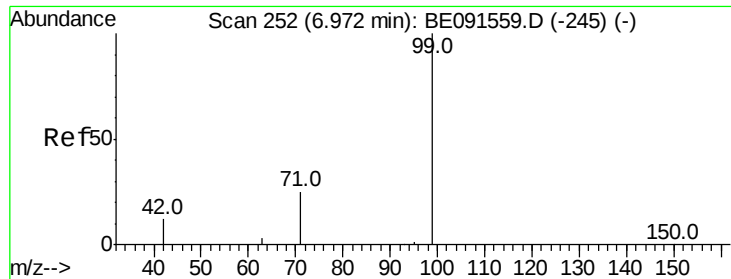


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 1.17 ng

RT: 6.97 min Scan# 252

Delta R.T. -0.02 min

Lab File: BE091598.D

Acq: 1 Apr 2016 19:58

Instrument :

BNA_E

ClientSampleId :

KY038PS037-160330

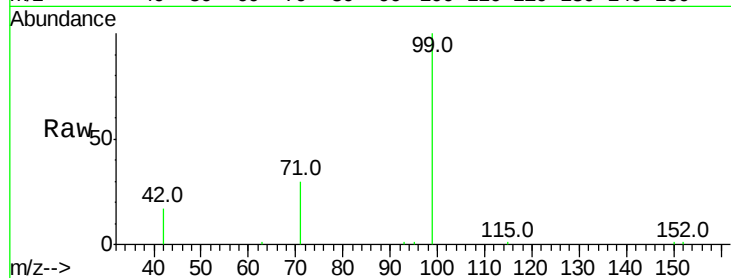
Tot Ion: 99 Resp: 14704

Ion Ratio Lower Upper

99 100

42 25.1 20.6 30.8

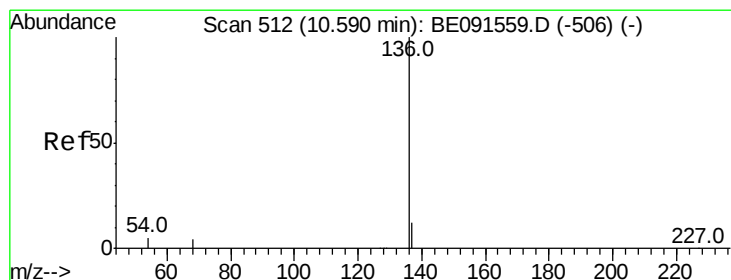
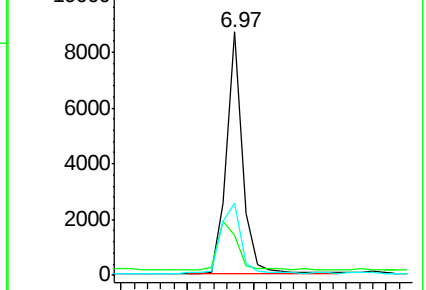
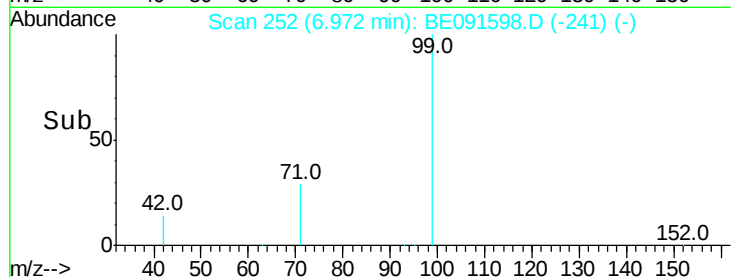
71 36.3 29.0 43.4



Abundance Ion 99.00 (98.70 to 99.70): BE091559.D (-245) (-)

Ion 42.00 (41.70 to 42.70): BE091559.D (-245) (-)

Ion 71.00 (70.70 to 71.70): BE091559.D (-245) (-)



#6

Naphthalene-d8

Concen: 5.00 ng

RT: 10.59 min Scan# 512

Delta R.T. -0.00 min

Lab File: BE091598.D

Acq: 1 Apr 2016 19:58

Tgt Ion: 136 Resp: 169642

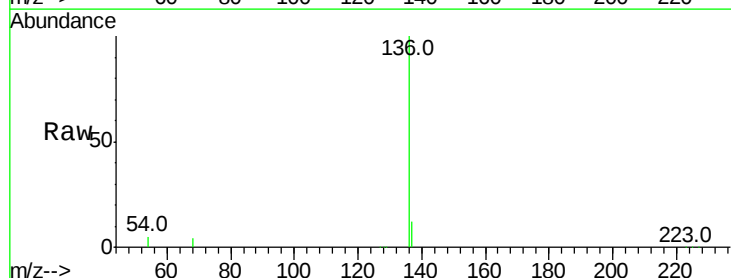
Ion Ratio Lower Upper

136 100

137 11.6 8.8 13.2

54 4.6 5.2 7.8#

68 3.8 4.1 6.1#

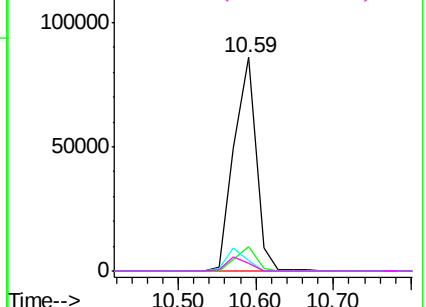
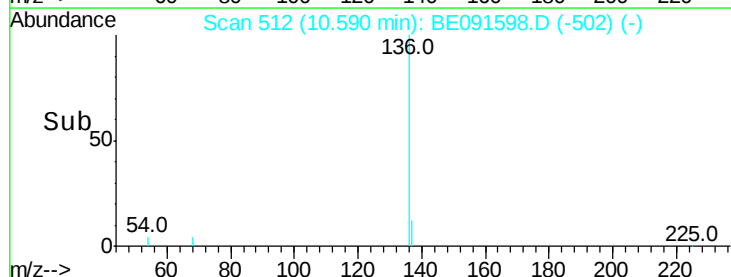


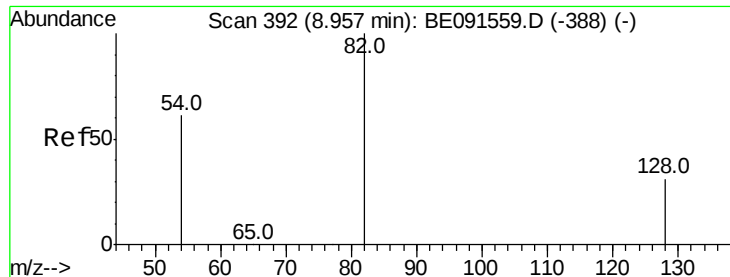
Abundance Ion 136.00 (135.70 to 136.70): BE091559.D (-506) (-)

Ion 137.00 (136.70 to 137.70): BE091559.D (-506) (-)

Ion 54.00 (53.70 to 54.70): BE091559.D (-506) (-)

Ion 68.00 (67.70 to 68.70): BE091559.D (-506) (-)





#7

Nitrobenzene-d5

Concen: 3.08 ng

RT: 8.96 min Scan# 392

Delta R.T. -0.02 min

Lab File: BE091598.D

Acq: 1 Apr 2016 19:58

Instrument :

BNA_E

ClientSampleId :

KY038PS037-160330

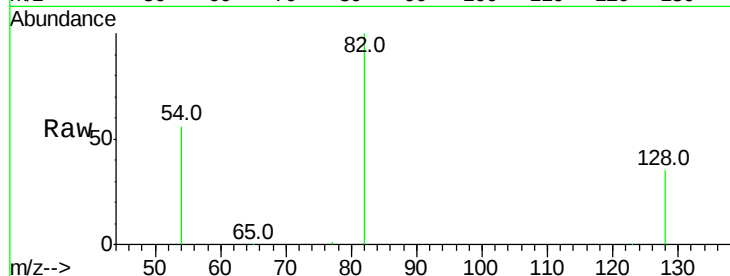
Tot Ion: 82 Resp: 35028

Ion Ratio Lower Upper

82 100

128 35.1 23.5 35.3

54 56.4 52.4 78.6

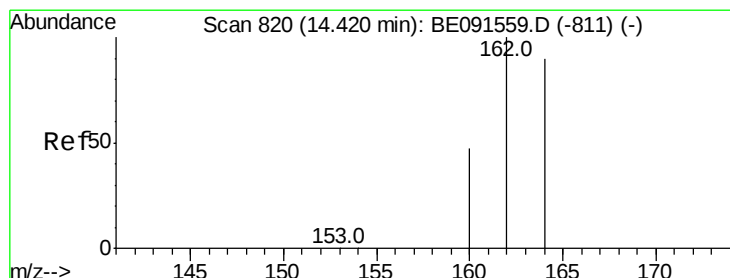
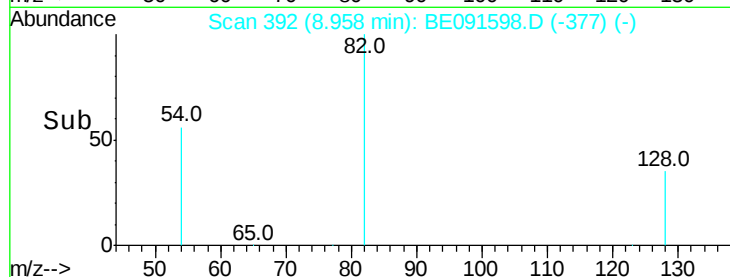


Abundance Ion 82.00 (81.70 to 82.70): BE091559.D (-388) (-)

Ion 128.00 (127.70 to 128.70): BE091559.D (-388) (-)

Ion 54.00 (53.70 to 54.70): BE091559.D (-388) (-)

Time-->



#10

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.42 min Scan# 820

Delta R.T. -0.03 min

Lab File: BE091598.D

Acq: 1 Apr 2016 19:58

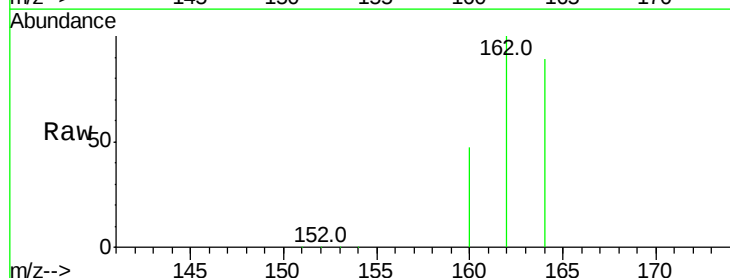
Tgt Ion: 164 Resp: 103124

Ion Ratio Lower Upper

164 100

162 112.7 84.4 126.6

160 53.5 37.7 56.5

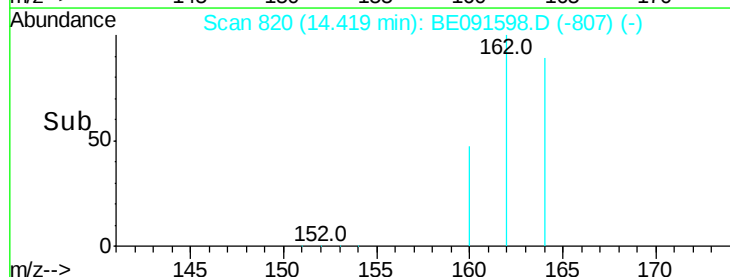


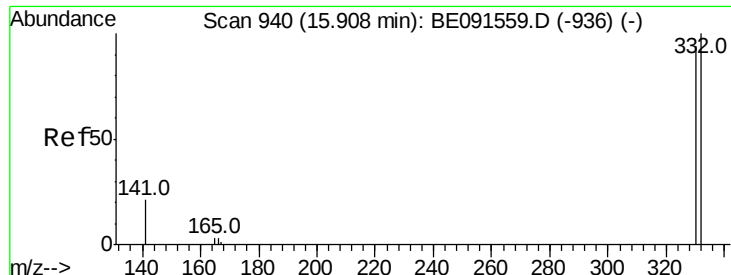
Abundance Ion 164.00 (163.70 to 164.70): BE091559.D (-811) (-)

Ion 162.00 (161.70 to 162.70): BE091559.D (-811) (-)

Ion 160.00 (159.70 to 160.70): BE091559.D (-811) (-)

Time-->

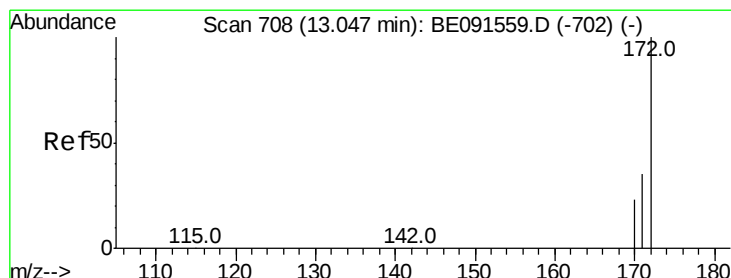
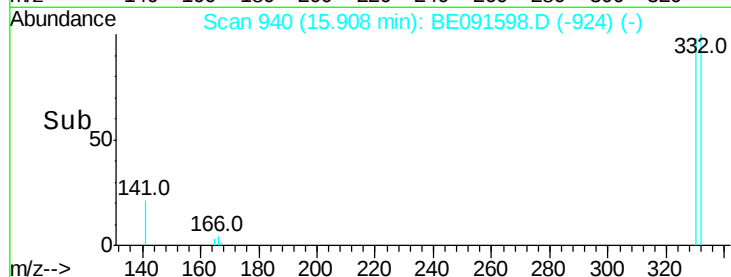
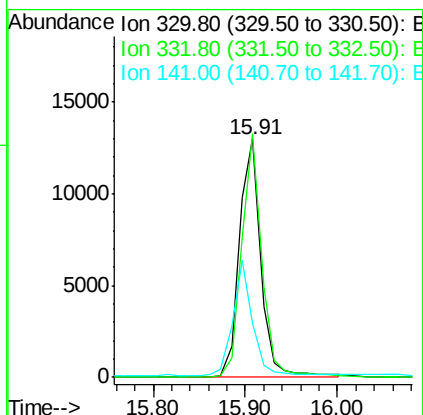
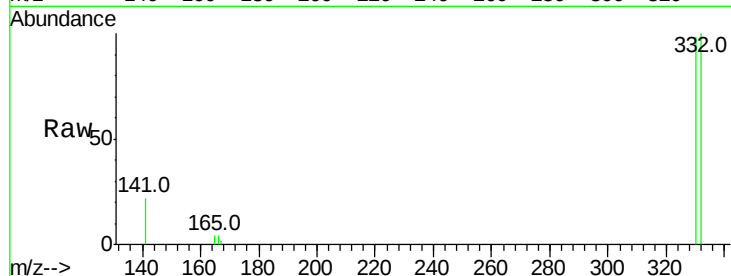




#11
 2,4,6-Tribromophenol
 Concen: 4.55 ng
 RT: 15.91 min Scan# 940
 Delta R.T. -0.01 min
 Lab File: BE091598.D
 Acq: 1 Apr 2016 19:58

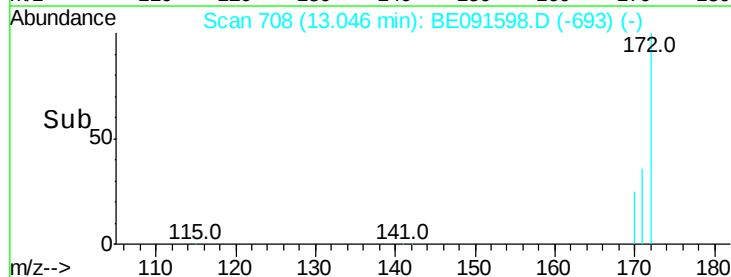
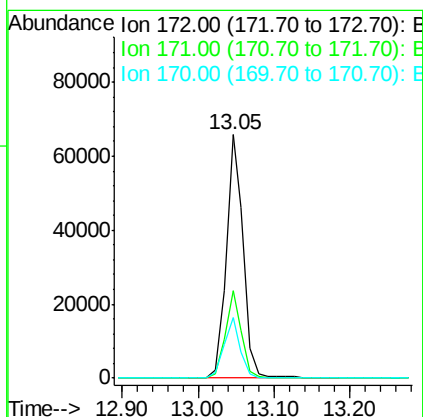
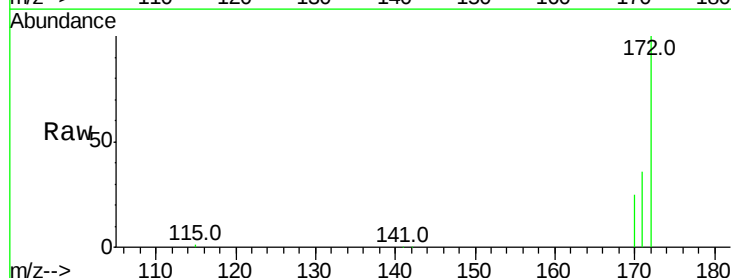
Instrument :
 BNA_E
 ClientSampleId :
 KY038PS037-160330

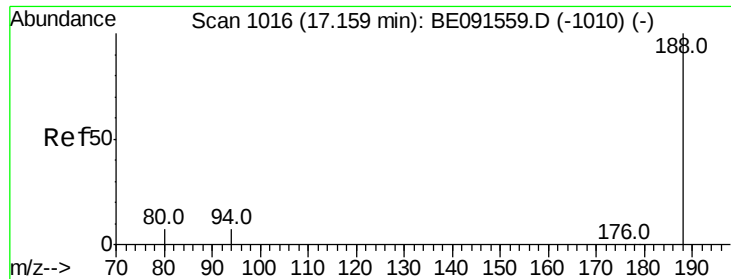
Tot Ion:330 Resp: 20801
 Ion Ratio Lower Upper
 330 100
 332 95.6 79.2 118.8
 141 44.4 28.1 42.1#



#12
 2-Fluorobiphenyl
 Concen: 3.53 ng
 RT: 13.05 min Scan# 708
 Delta R.T. -0.02 min
 Lab File: BE091598.D
 Acq: 1 Apr 2016 19:58

Tgt Ion:172 Resp: 103582
 Ion Ratio Lower Upper
 172 100
 171 35.7 29.8 44.8
 170 25.0 21.4 32.2

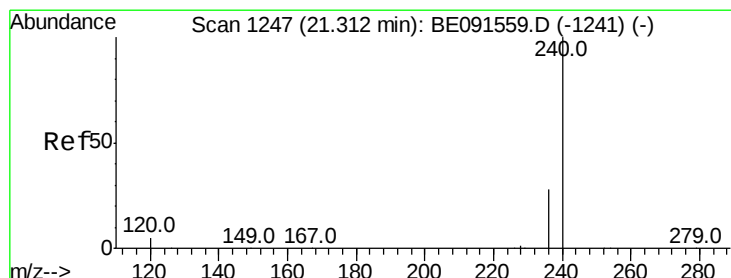
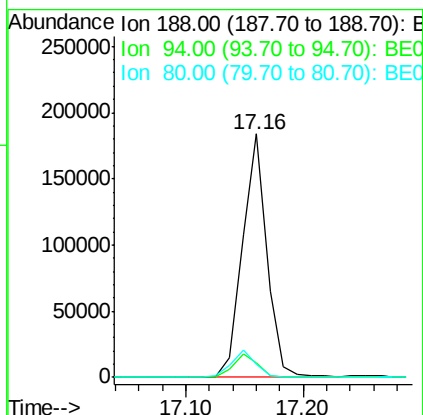
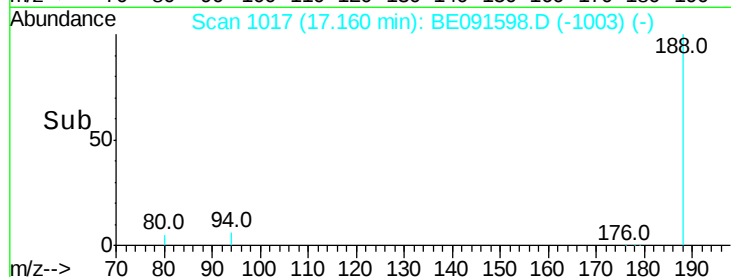
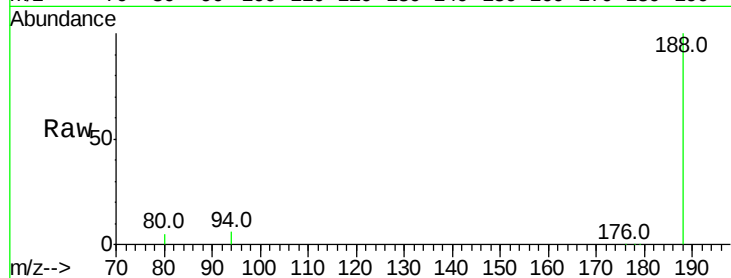




#16
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.16 min Scan# 1017
Delta R.T. -0.01 min
Lab File: BE091598.D
Acq: 1 Apr 2016 19:58

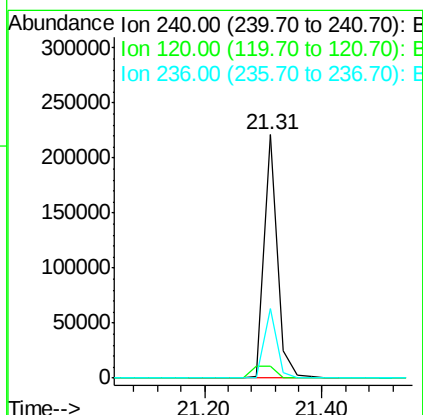
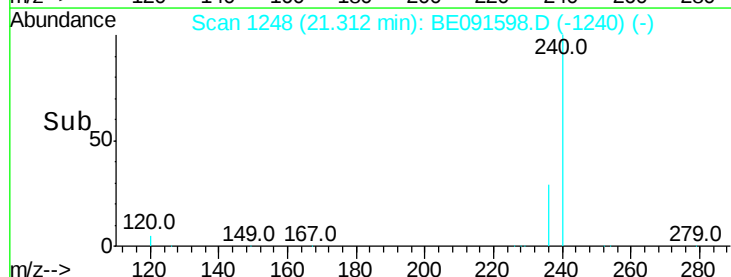
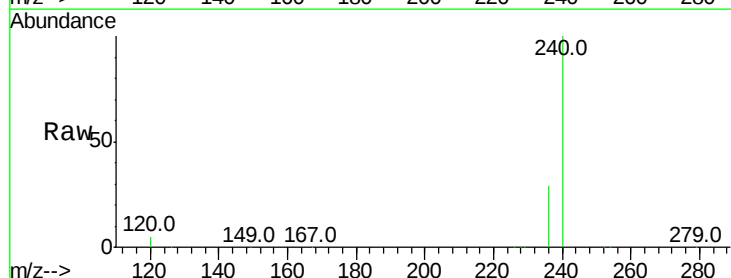
Instrument :
BNA_E
ClientSampleId :
KY038PS037-160330

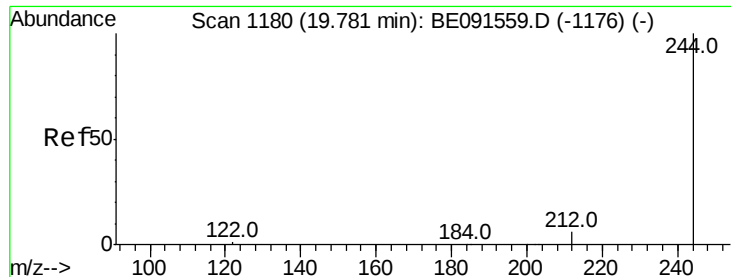
Tot Ion:188 Resp: 266282
Ion Ratio Lower Upper
188 100
94 6.0 5.4 8.2
80 5.3 5.0 7.4



#22
Chrysene-d12
Concen: 5.00 ng
RT: 21.31 min Scan# 1248
Delta R.T. -0.02 min
Lab File: BE091598.D
Acq: 1 Apr 2016 19:58

Tgt Ion:240 Resp: 347646
Ion Ratio Lower Upper
240 100
120 5.1 4.0 6.0
236 28.8 23.0 34.4





#24

Terphenyl-d14

Concen: 4.91 ng

RT: 19.76 min Scan# 1180

Delta R.T. -0.02 min

Lab File: BE091598.D

Acq: 1 Apr 2016 19:58

Instrument :

BNA_E

ClientSampleId :

KY038PS037-160330

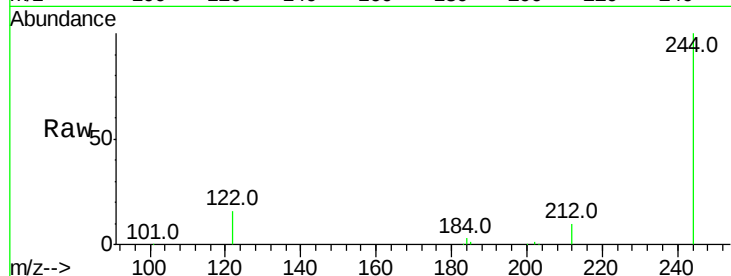
Tot Ion:244 Resp: 216752

Ion Ratio Lower Upper

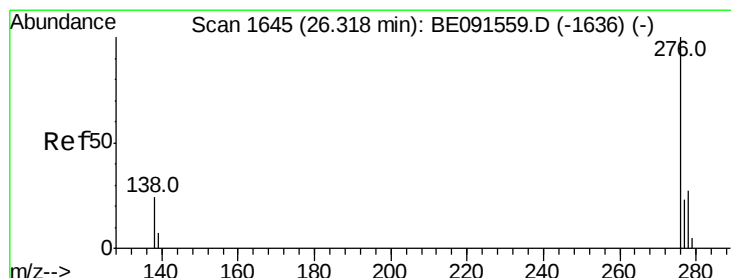
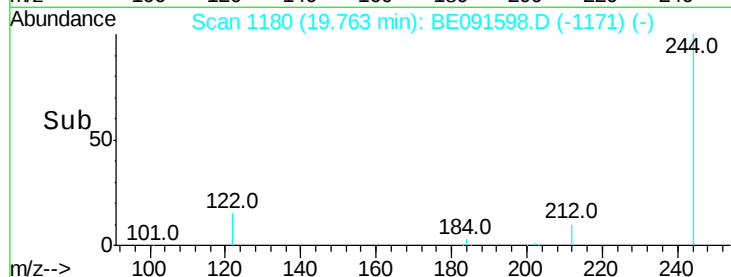
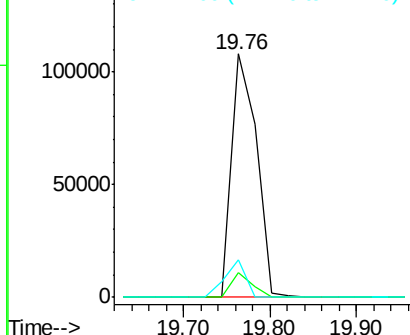
244 100

212 10.2 5.8 8.8#

122 15.5 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: 26.34 min Scan# 1648

Delta R.T. -0.03 min

Lab File: BE091598.D

Acq: 1 Apr 2016 19:58

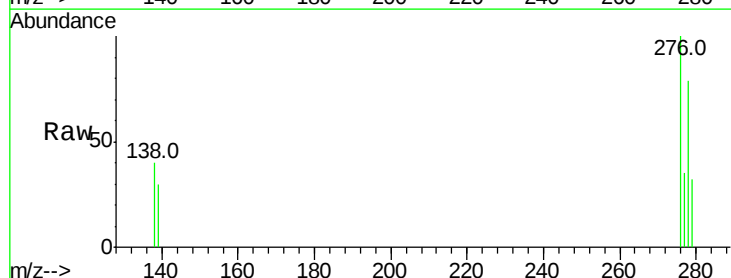
Tgt Ion:276 Resp: 1924

Ion Ratio Lower Upper

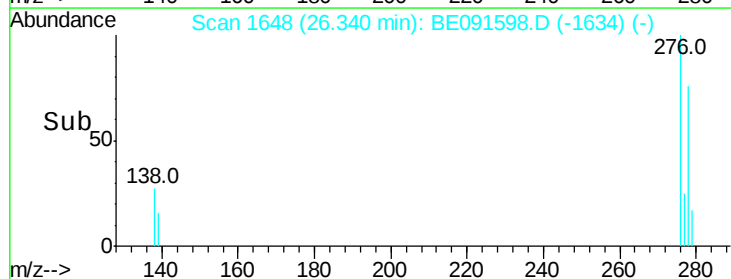
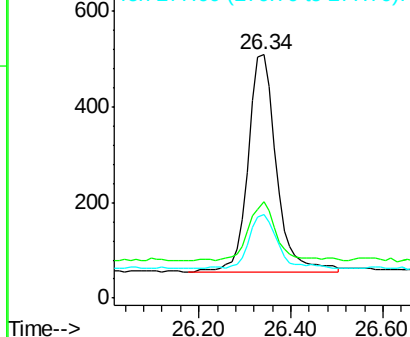
276 100

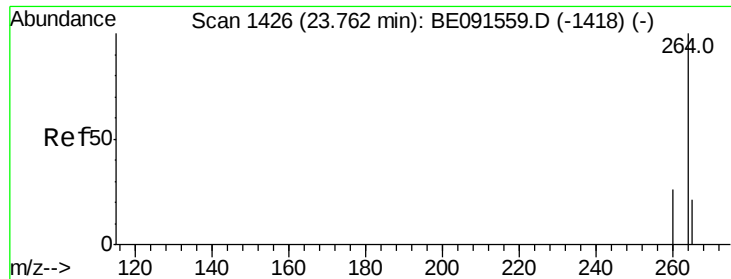
138 25.6 20.2 30.4

277 25.8 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

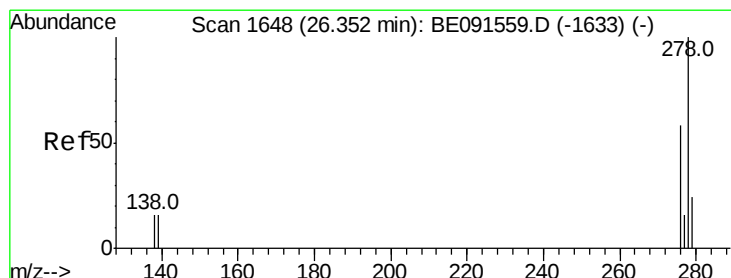
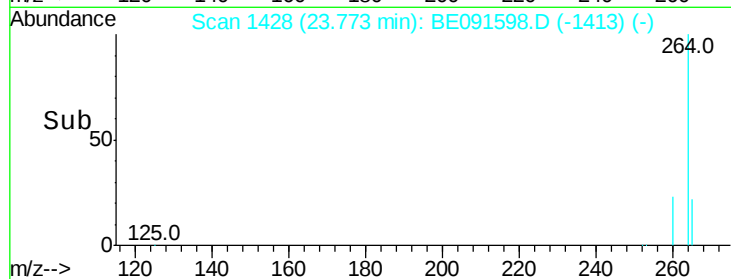
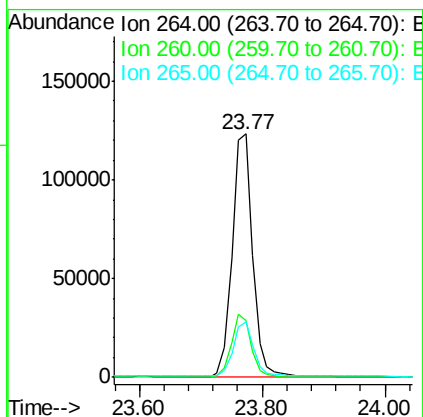
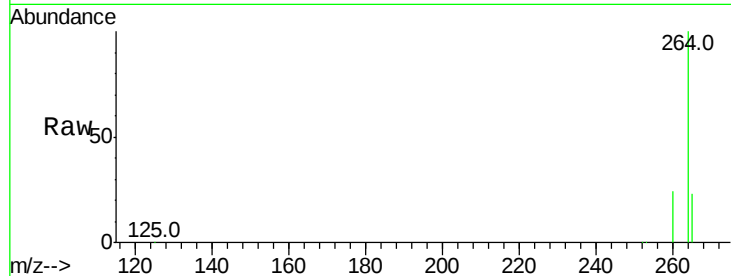




#28
Pervlene-d12
Concen: 5.00 ng
RT: 23.77 min Scan# 1428
Delta R.T. -0.02 min
Lab File: BE091598.D
Acq: 1 Apr 2016 19:58

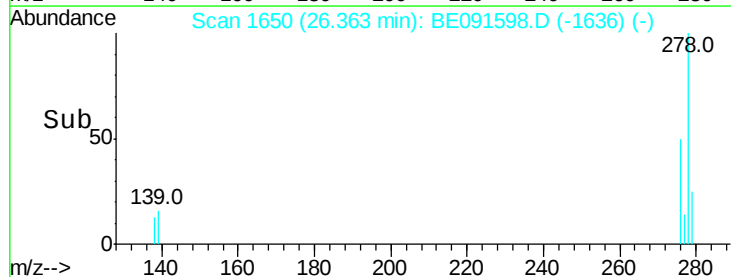
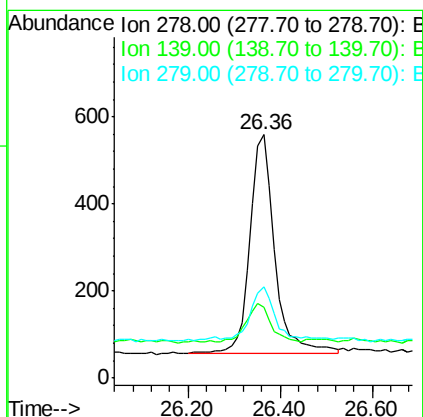
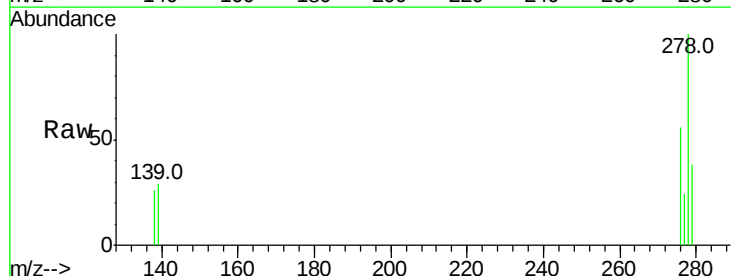
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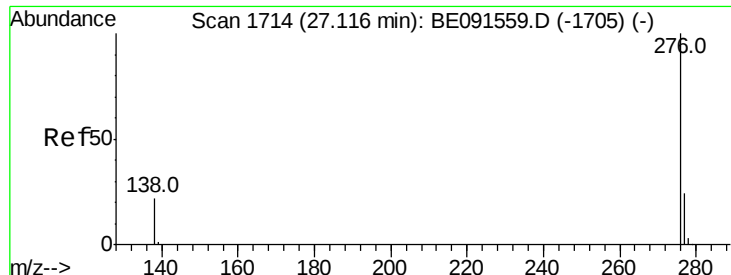
Tot Ion:264 Resp: 288586
Ion Ratio Lower Upper
264 100
260 23.5 20.1 30.1
265 22.9 18.3 27.5



#32
Dibenzo(a,h)anthracene
Concen: 0.03 ng
RT: 26.36 min Scan# 1650
Delta R.T. -0.03 min
Lab File: BE091598.D
Acq: 1 Apr 2016 19:58

Tgt Ion:278 Resp: 1846
Ion Ratio Lower Upper
278 100
139 29.2 14.2 21.4#
279 37.7 19.6 29.4#





#33

Benzo(a,h,i)perylene

Concen: 0.02 ng

RT: 27.12 min Scan# 1715

Delta R.T. -0.05 min

Lab File: BE091598.D

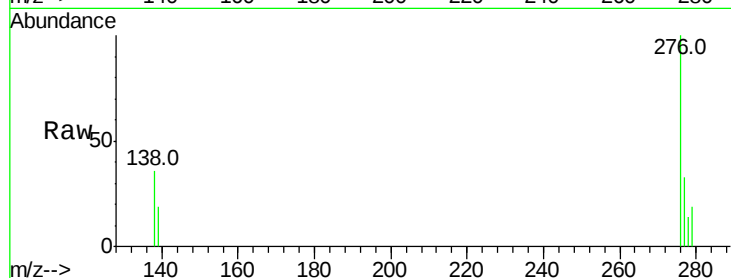
Acq: 1 Apr 2016 19:58

Instrument :

BNA_E

ClientSampleId :

KY038PS037-160330



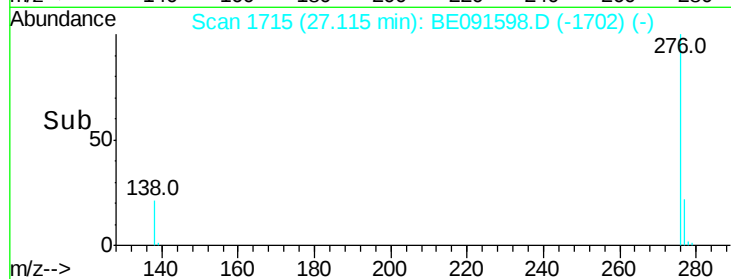
Tot Ion: 276 Resp: 1601

Ion Ratio Lower Upper

276 100

277 33.0 19.4 29.2#

138 35.7 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

