

Data Path : Z:\HPCHEM1\BNA E\DATA\BE040216\
 Data File : BE091600.D
 Acq On : 1 Apr 2016 21:15
 Operator : UM/SJ
 Sample : H2090-05
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 KY038PS027-160330

Quant Time: Apr 02 00:08:12 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

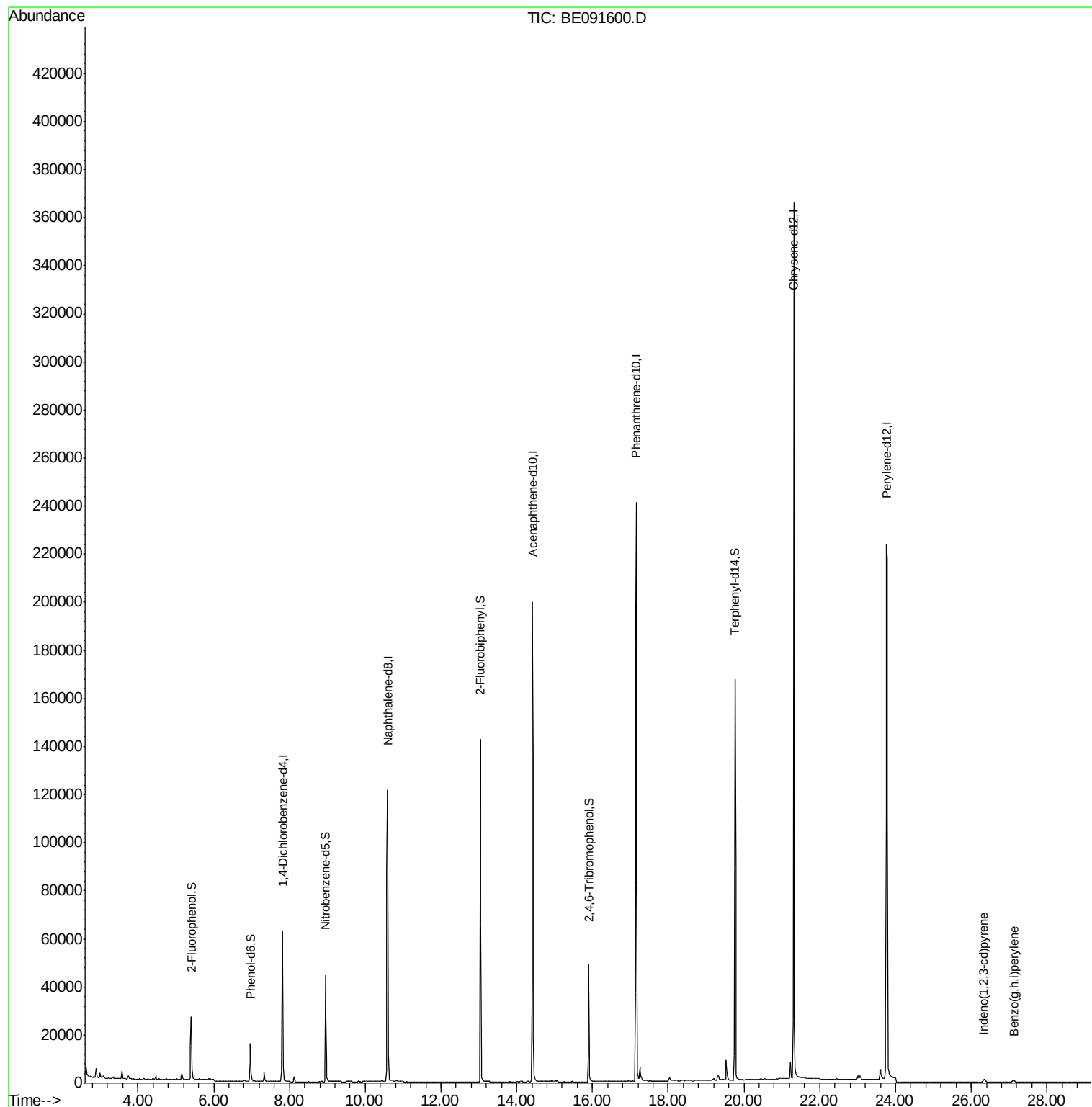
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	42738	5.00	ng	0.00
6) Naphthalene-d8	10.59	136	205060	5.00	ng	0.00
10) Acenaphthene-d10	14.42	164	129468	5.00	ng	-0.03
16) Phenanthrene-d10	17.16	188	354251	5.00	ng	-0.01
22) Chrysene-d12	21.31	240	416695	5.00	ng	-0.02
28) Perylene-d12	23.76	264	349350	5.00	ng	-0.03
System Monitoring Compounds						
4) 2-Fluorophenol	5.41	112	22795	2.04	ng	-0.02
5) Phenol-d6	6.97	99	18903	1.25	ng	-0.02
7) Nitrobenzene-d5	8.96	82	41479	3.01	ng	-0.02
11) 2,4,6-Tribromophenol	15.91	330	35263	6.15	ng	-0.01
12) 2-Fluorobiphenyl	13.05	172	133527	3.63	ng	-0.02
24) Terphenyl-d14	19.76	244	249351	4.72	ng	-0.02
Target Compounds						
27) Indeno(1,2,3-cd)pyrene	26.33	276	1980	0.02	ng	Qvalue 99
33) Benzo(g,h,i)perylene	27.13	276	1760	0.02	ng	# 77

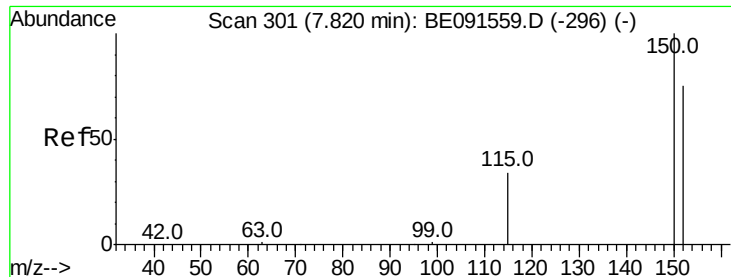
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BE091600.D

Acq: 1 Apr 2016 21:15

Instrument :

BNA_E

ClientSampleId :

KY038PS027-160330

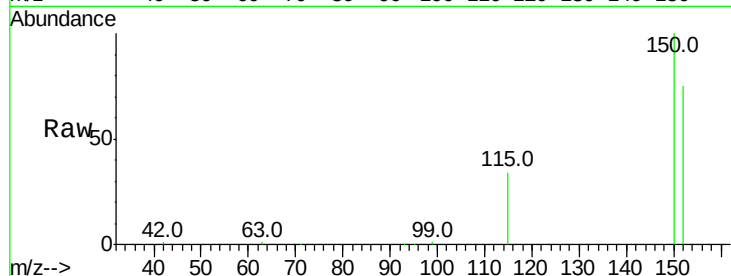
Tot Ion:152 Resp: 42738

Ion Ratio Lower Upper

152 100

150 134.2 122.2 183.2

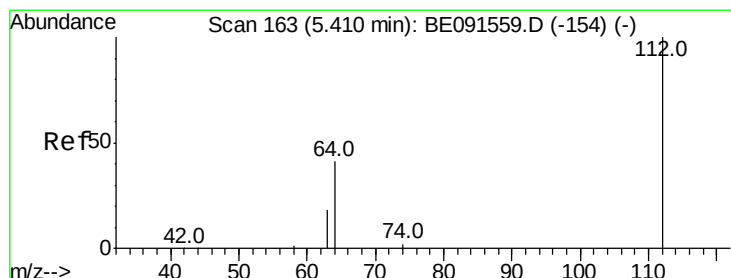
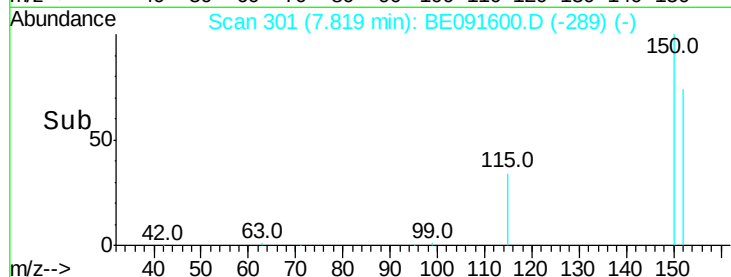
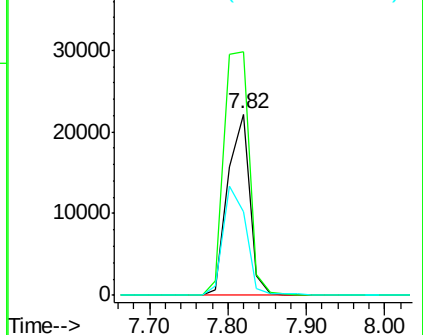
115 45.9 45.9 68.9#



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: 2.04 ng

RT: 5.41 min Scan# 163

Delta R.T. -0.02 min

Lab File: BE091600.D

Acq: 1 Apr 2016 21:15

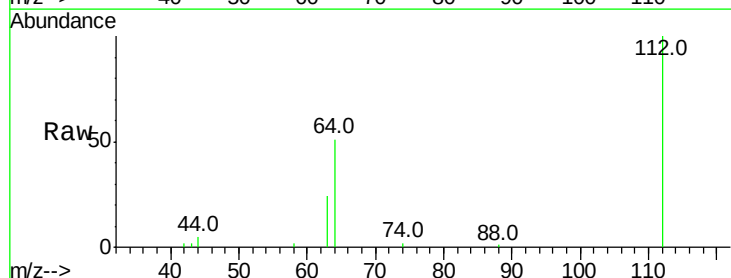
Tgt Ion:112 Resp: 22795

Ion Ratio Lower Upper

112 100

64 66.7 53.3 79.9

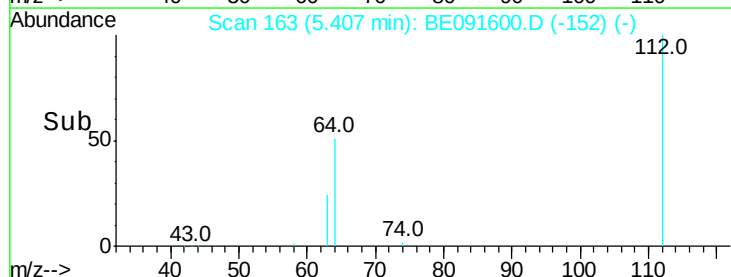
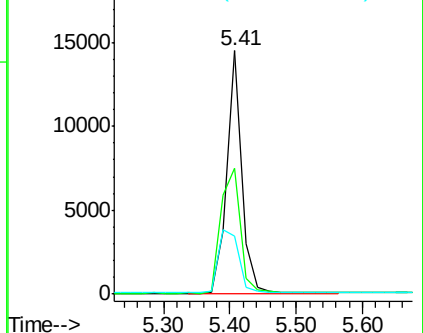
63 35.9 29.8 44.8

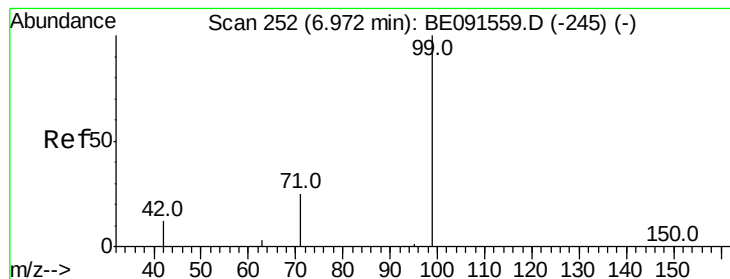


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 1.25 ng

RT: 6.97 min Scan# 252

Delta R.T. -0.02 min

Lab File: BE091600.D

Acq: 1 Apr 2016 21:15

Instrument :

BNA_E

ClientSampleId :

KY038PS027-160330

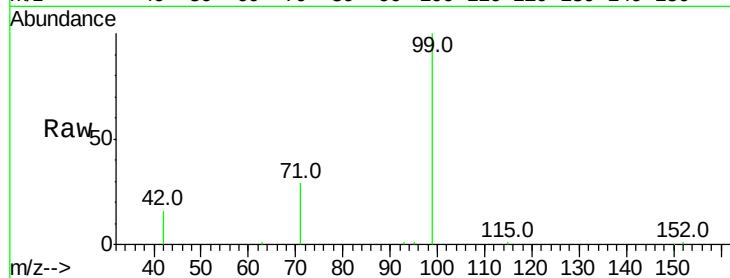
Tot Ion: 99 Resp: 18903

Ion Ratio Lower Upper

99 100

42 25.4 20.6 30.8

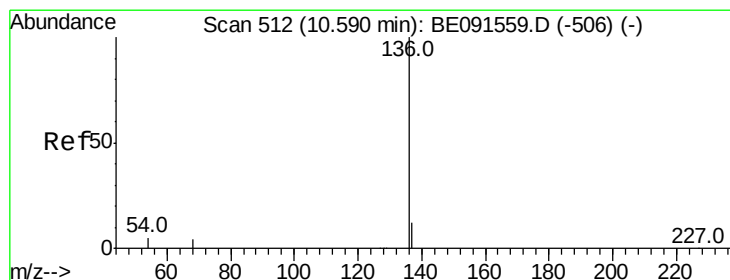
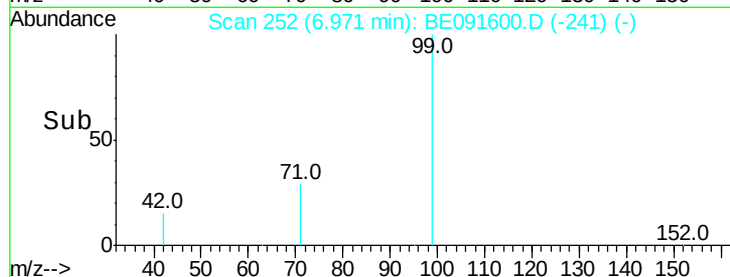
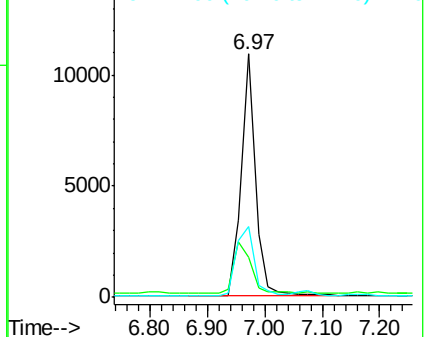
71 35.9 29.0 43.4



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: BE091600.D

Acq: 1 Apr 2016 21:15

Tgt Ion: 136 Resp: 205060

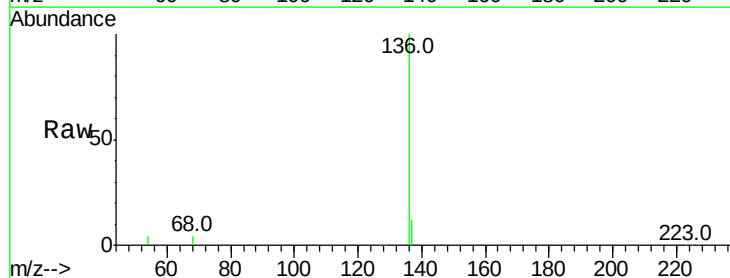
Ion Ratio Lower Upper

136 100

137 11.8 8.8 13.2

54 4.4 5.2 7.8#

68 3.6 4.1 6.1#

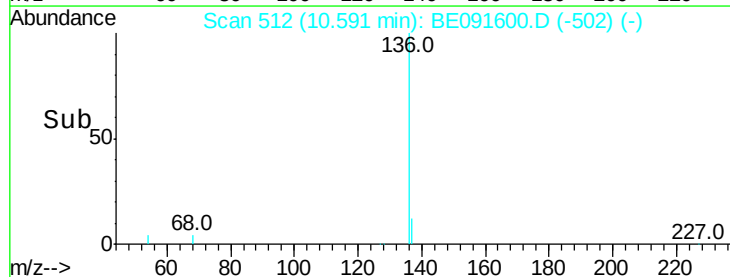
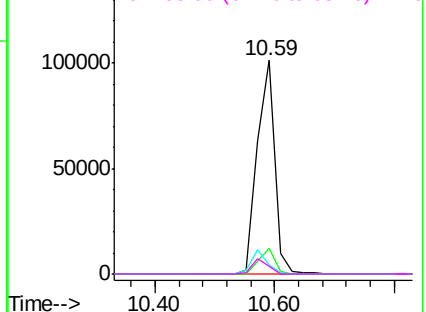


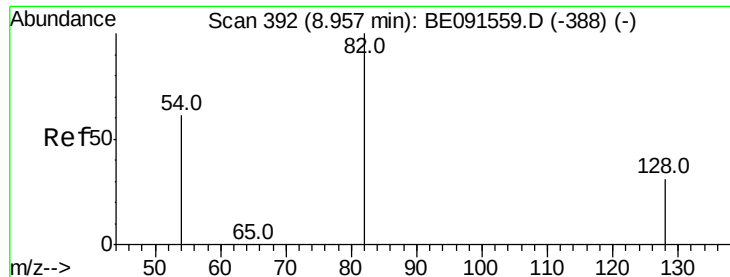
Abundance Ion 136.00 (135.70 to 136.70): BE091559.D (-506) (-)

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: 3.01 ng

RT: 8.96 min Scan# 392

Delta R.T. -0.02 min

Lab File: BE091600.D

Acq: 1 Apr 2016 21:15

Instrument :

BNA_E

ClientSampleId :

KY038PS027-160330

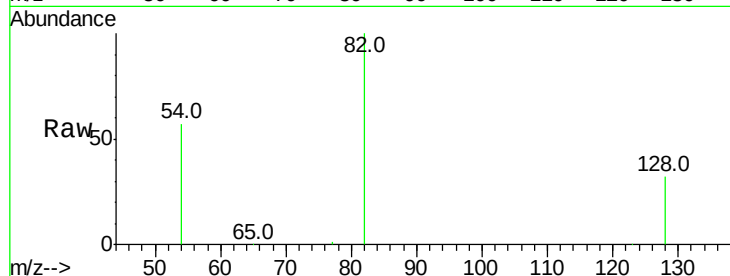
Tot Ion: 82 Resp: 41479

Ion Ratio Lower Upper

82 100

128 31.6 23.5 35.3

54 57.4 52.4 78.6

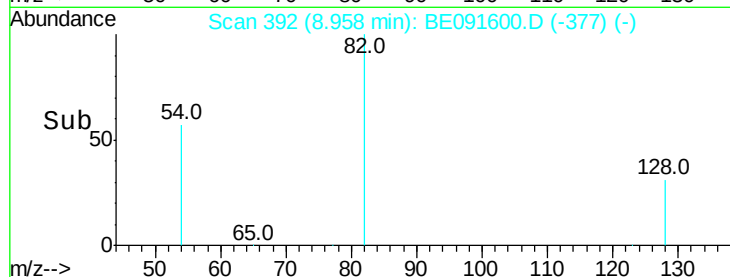


Abundance Ion 82.00 (81.70 to 82.70): BE091559.D (-388) (-)

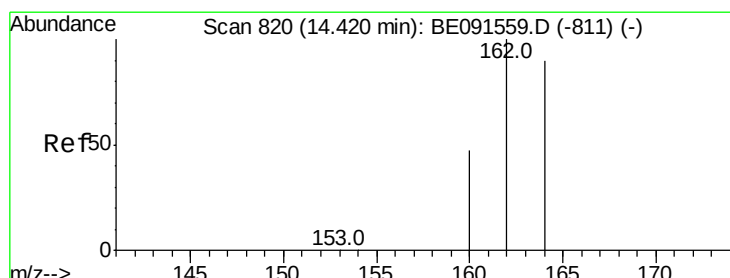
Ion 128.00 (127.70 to 128.70): BE091559.D (-388) (-)

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

Time-->



Time-->



#10

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.42 min Scan# 820

Delta R.T. -0.03 min

Lab File: BE091600.D

Acq: 1 Apr 2016 21:15

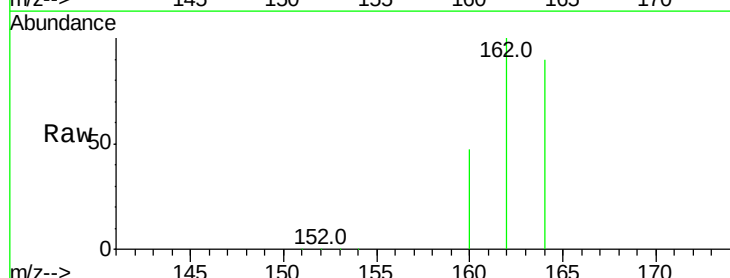
Tgt Ion: 164 Resp: 129468

Ion Ratio Lower Upper

164 100

162 111.6 84.4 126.6

160 52.9 37.7 56.5

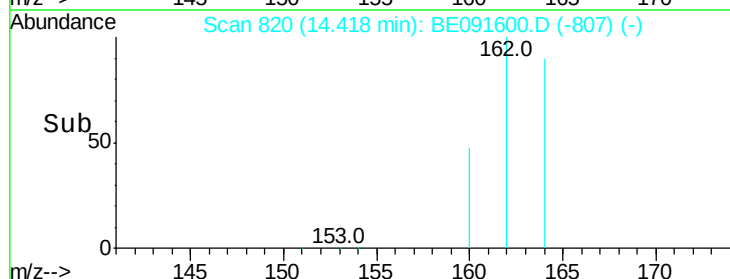


Abundance Ion 164.00 (163.70 to 164.70): BE091559.D (-811) (-)

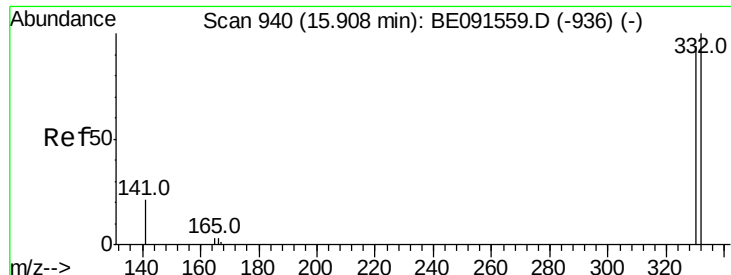
Ion 162.00 (161.70 to 162.70): BE091559.D (-811) (-)

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

Time-->



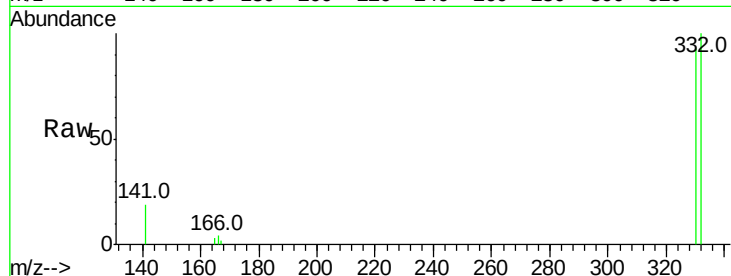
Time-->



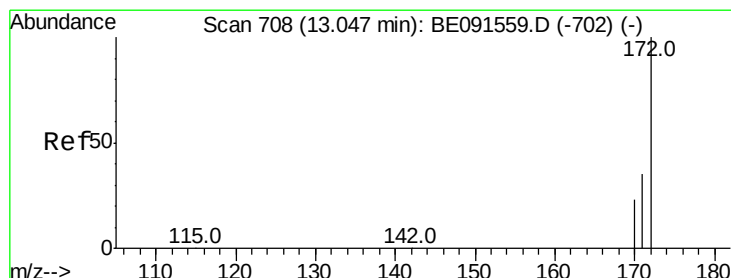
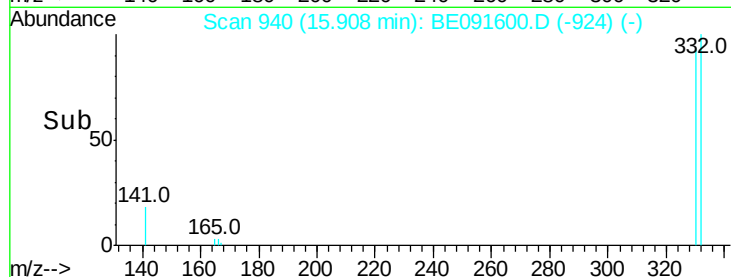
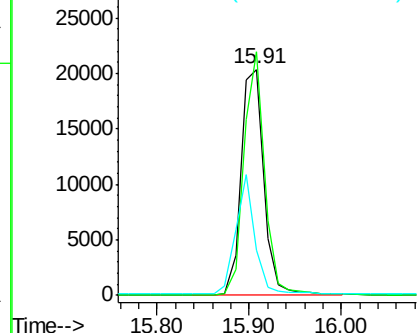
#11
 2,4,6-Tribromophenol
 Concen: 6.15 ng
 RT: 15.91 min Scan# 940
 Delta R.T. -0.01 min
 Lab File: BE091600.D
 Acq: 1 Apr 2016 21:15

Instrument :
 BNA_E
 ClientSampleId :
 KY038PS027-160330

Tot Ion:330 Resp: 35263
 Ion Ratio Lower Upper
 330 100
 332 97.0 79.2 118.8
 141 44.4 28.1 42.1#

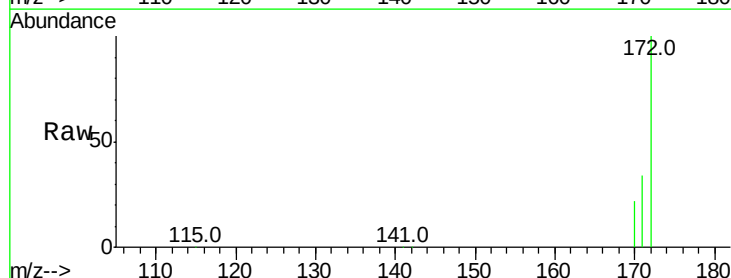


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

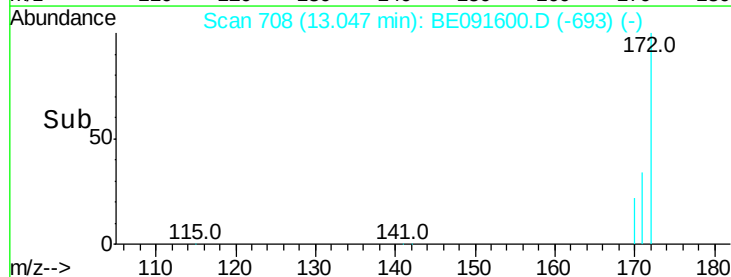
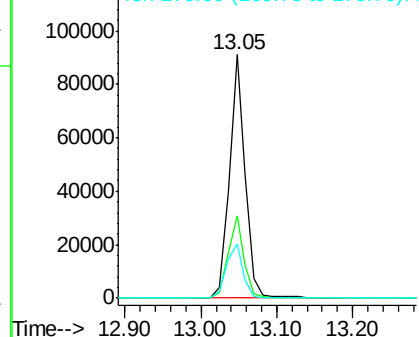


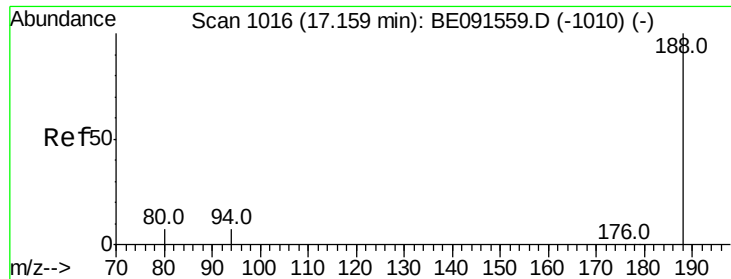
#12
 2-Fluorobiphenyl
 Concen: 3.63 ng
 RT: 13.05 min Scan# 708
 Delta R.T. -0.02 min
 Lab File: BE091600.D
 Acq: 1 Apr 2016 21:15

Tgt Ion:172 Resp: 133527
 Ion Ratio Lower Upper
 172 100
 171 33.9 29.8 44.8
 170 22.2 21.4 32.2



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

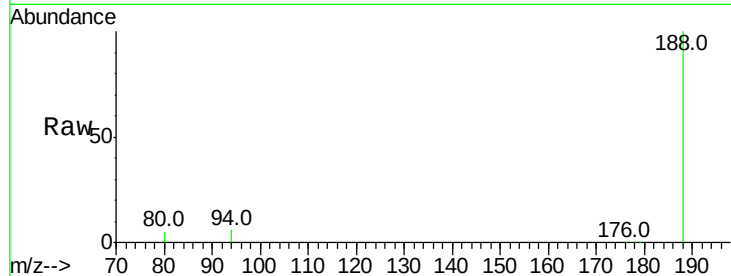




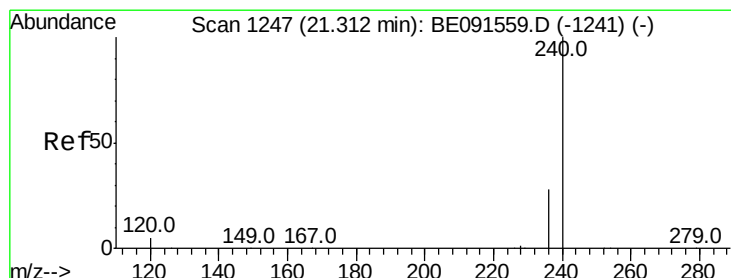
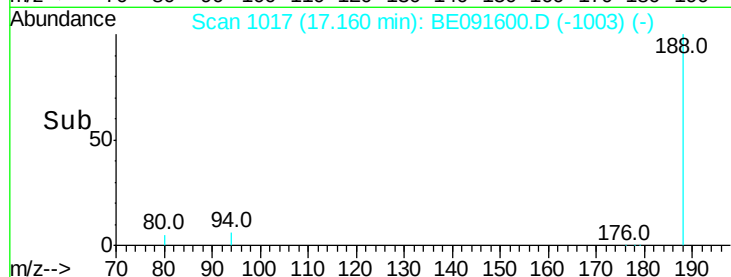
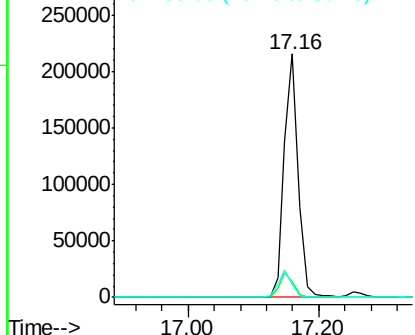
#16
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.16 min Scan# 1017
Delta R.T. -0.01 min
Lab File: BE091600.D
Acq: 1 Apr 2016 21:15

Instrument :
BNA_E
ClientSampleId :
KY038PS027-160330

Tot Ion:188 Resp: 354251
Ion Ratio Lower Upper
188 100
94 6.3 5.4 8.2
80 5.5 5.0 7.4

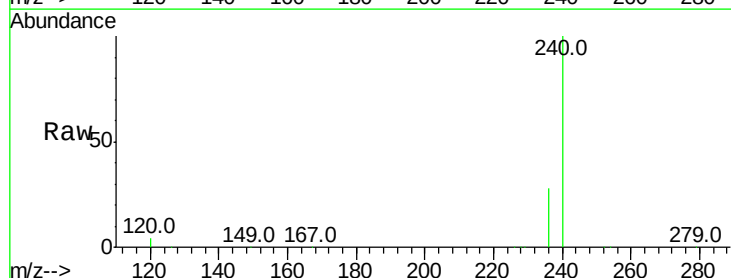


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BE0
Ion 80.00 (79.70 to 80.70): BE0

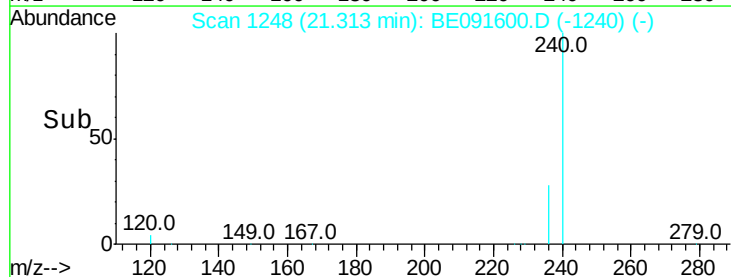
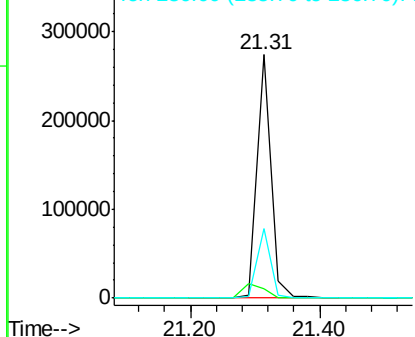


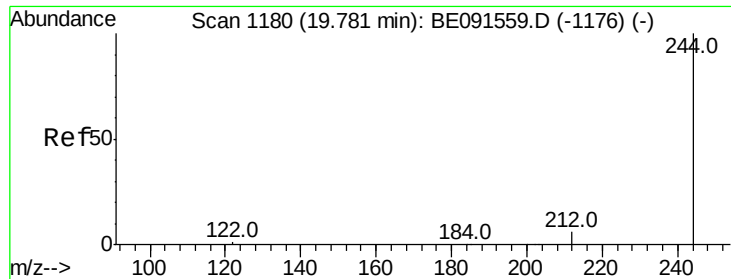
#22
Chrysene-d12
Concen: 5.00 ng
RT: 21.31 min Scan# 1248
Delta R.T. -0.02 min
Lab File: BE091600.D
Acq: 1 Apr 2016 21:15

Tgt Ion:240 Resp: 416695
Ion Ratio Lower Upper
240 100
120 3.9 4.0 6.0#
236 28.4 23.0 34.4



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





#24

Terphenyl-d14

Concen: 4.72 ng

RT: 19.76 min Scan# 1180

Delta R.T. -0.02 min

Lab File: BE091600.D

Acq: 1 Apr 2016 21:15

Instrument :

BNA_E

ClientSampleId :

KY038PS027-160330

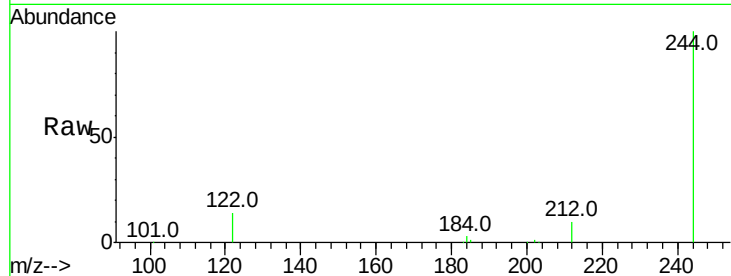
Tot Ion:244 Resp: 249351

Ion Ratio Lower Upper

244 100

212 10.1 5.8 8.8#

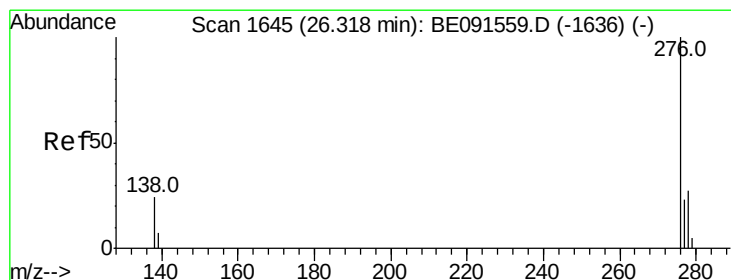
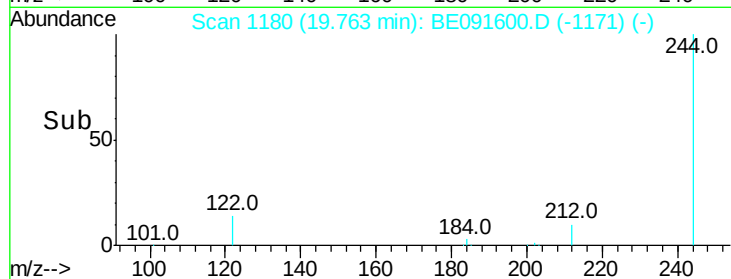
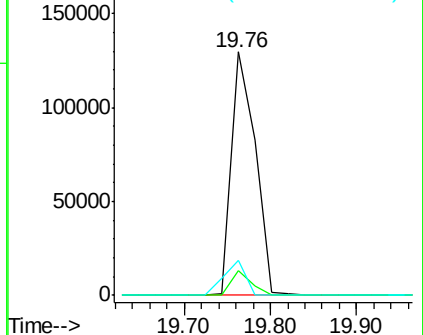
122 14.4 1.8 2.8#



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: BE091600.D

Acq: 1 Apr 2016 21:15

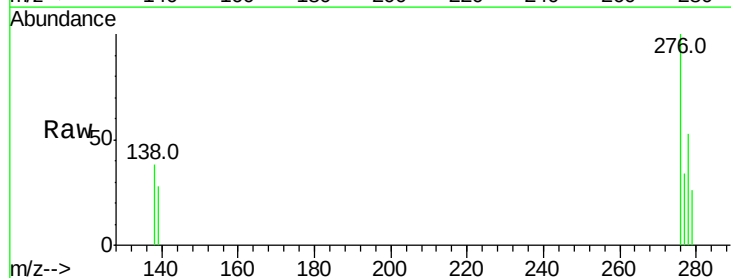
Tgt Ion:276 Resp: 1980

Ion Ratio Lower Upper

276 100

138 25.8 20.2 30.4

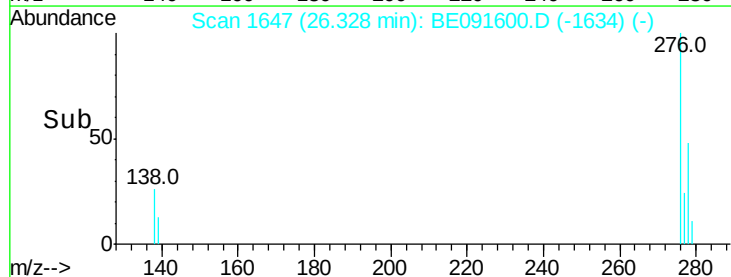
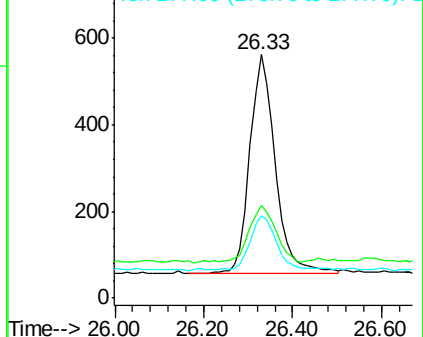
277 24.1 19.8 29.8

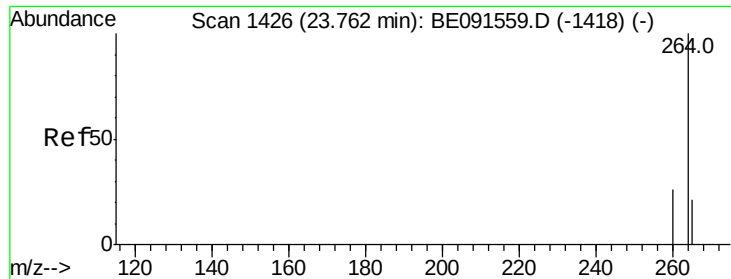


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



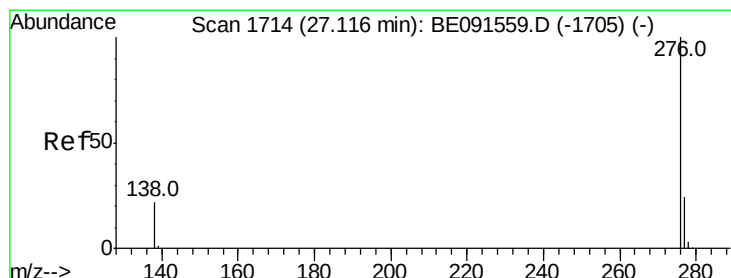
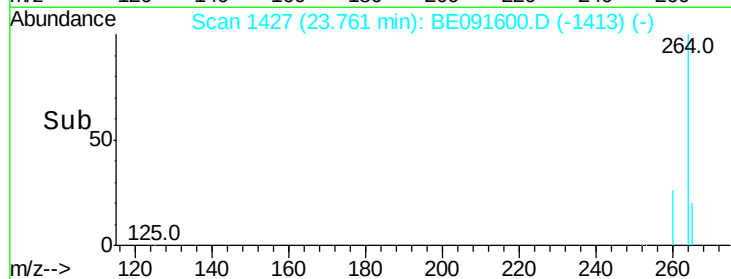
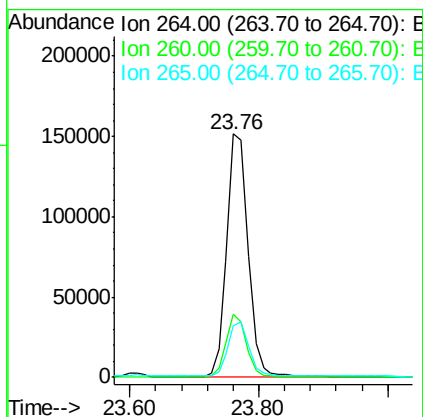
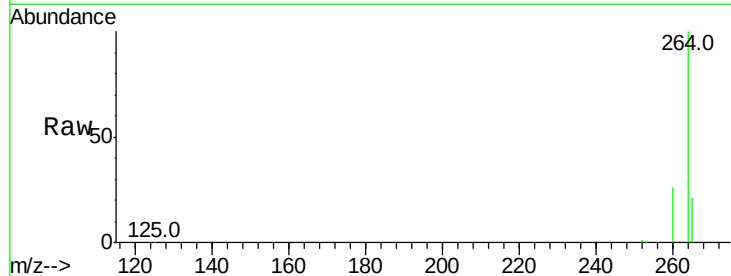


#28
Pervlene-d12
Concen: 5.00 ng
RT: 23.76 min Scan# 1427
Delta R.T. -0.03 min
Lab File: BE091600.D
Acq: 1 Apr 2016 21:15

Instrument :
BNA_E
ClientSampleId :
KY038PS027-160330

Tot Ion:264 Resp: 349350

Ion	Ratio	Lower	Upper
264	100		
260	26.1	20.1	30.1
265	21.0	18.3	27.5



#33
Benzo(g,h,i)perylene
Concen: 0.02 ng
RT: 27.13 min Scan# 1716
Delta R.T. -0.03 min
Lab File: BE091600.D
Acq: 1 Apr 2016 21:15

Tgt Ion:276 Resp: 1760

Ion	Ratio	Lower	Upper
276	100		
277	33.8	19.4	29.2#
138	36.1	18.2	27.4#

