

Data Path : Z:\HPCHEM1\BNA E\DATA\BE060716\
 Data File : BE091891.D
 Acq On : 8 Jun 2016 00:42
 Operator : UM/SJ
 Sample : H3357-04
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 KY038PS037-160531

Quant Time: Jun 08 07:37:22 2016
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE060716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 07 17:14:38 2016
 Response via : Initial Calibration

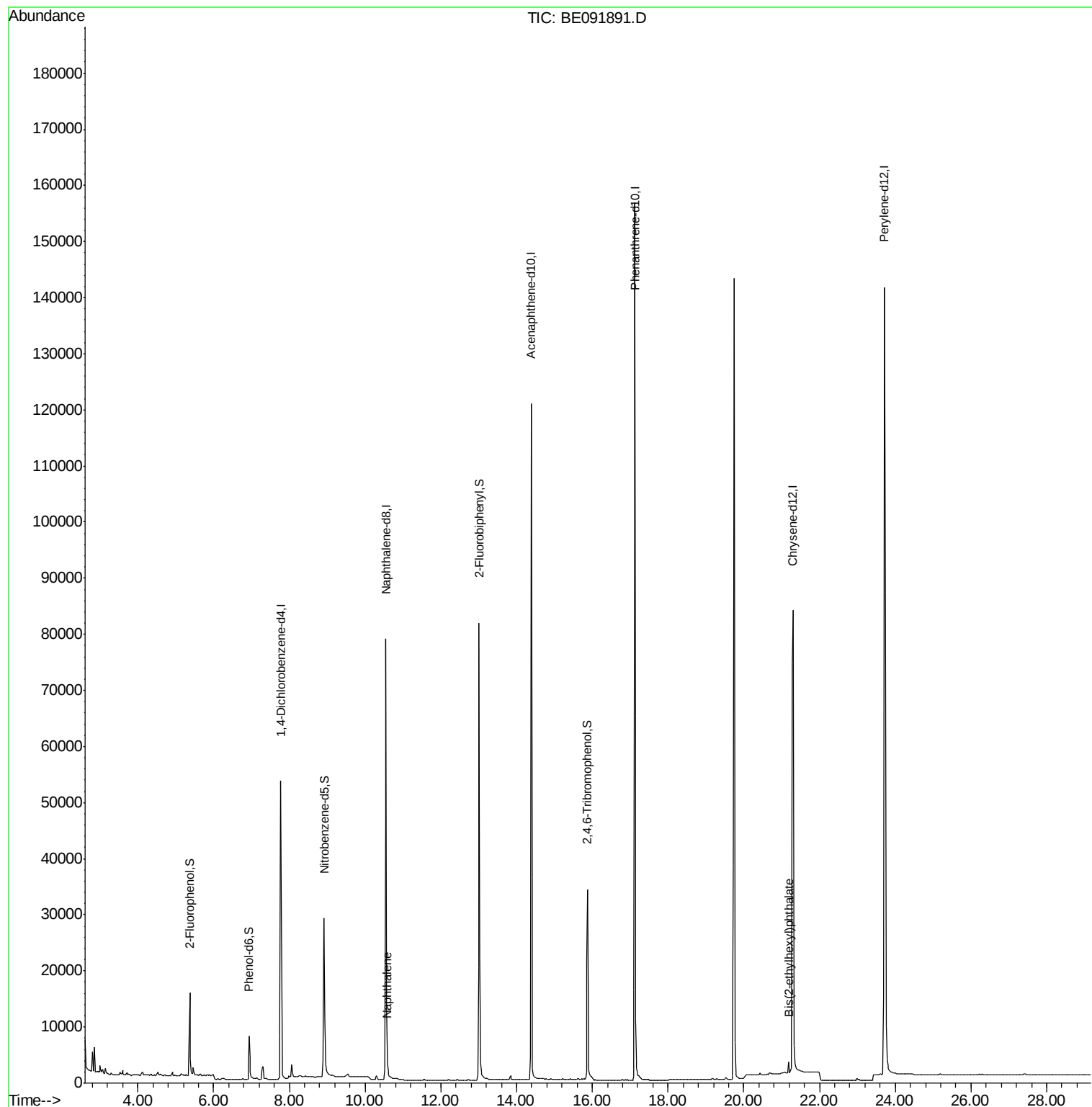
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.77	152	29257	5.00	ng	0.00
8) Naphthalene-d8	10.55	136	130419	5.00	ng	0.00
15) Acenaphthene-d10	14.38	164	76732	5.00	ng	0.00
24) Phenanthrene-d10	17.13	188	204558	5.00	ng	0.00
31) Chrysene-d12	21.30	240	183526	5.00	ng	0.00
40) Perylene-d12	23.71	264	238665	5.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.37	112	14089	2.26	ng	0.00
5) Phenol-d6	6.94	99	10522	1.36	ng	-0.02
9) Nitrobenzene-d5	8.91	82	31588	3.23	ng	-0.02
16) 2,4,6-Tribromophenol	15.87	330	18984	8.68	ng	-0.02
17) 2-Fluorobiphenyl	13.01	172	83873	3.60	ng	0.00
34) Terphenyl-d14	19.74	244	177851	-5.00	ng	0.00
Target Compounds						
12) Naphthalene	10.59	128	930	0.03	ng	# 76
38) Bis(2-ethylhexyl)phthalate	21.18	149	2761	0.20	ng	# 100

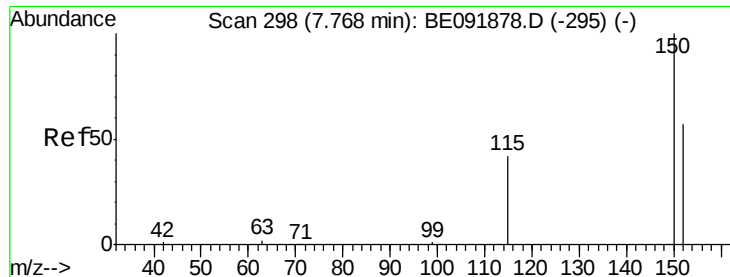
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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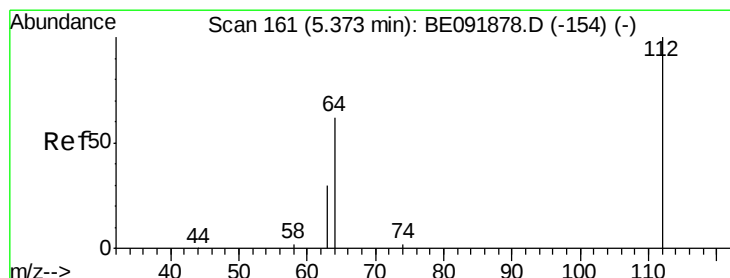
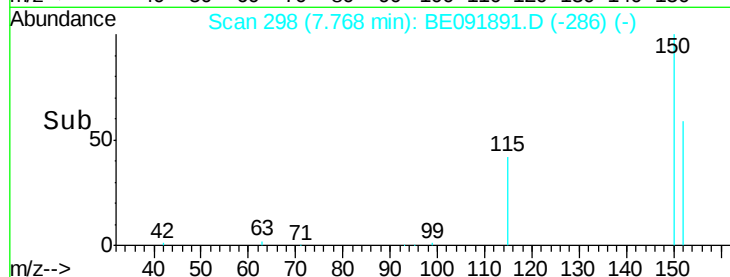
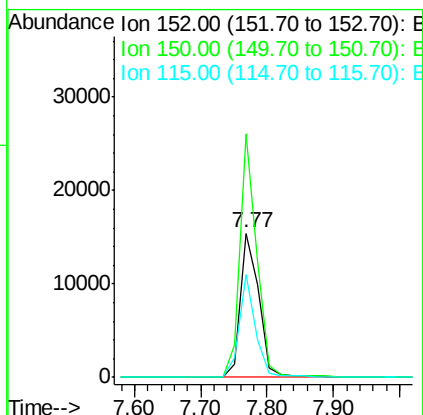
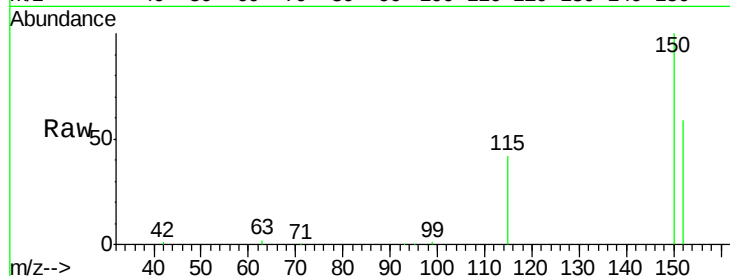


#1

1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.77 min Scan# 298
Delta R.T. 0.00 min
Lab File: BE091891.D
Acq: 8 Jun 2016 00:42

Instrument :
BNA_E
ClientSampleId :
KY038PS037-160531

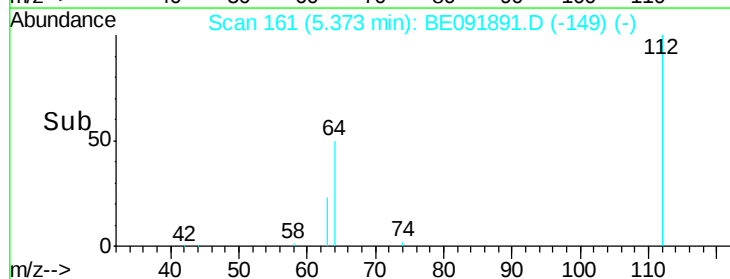
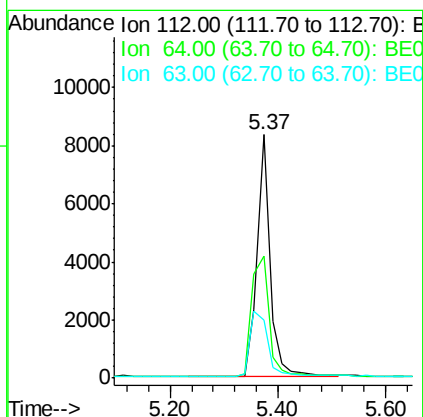
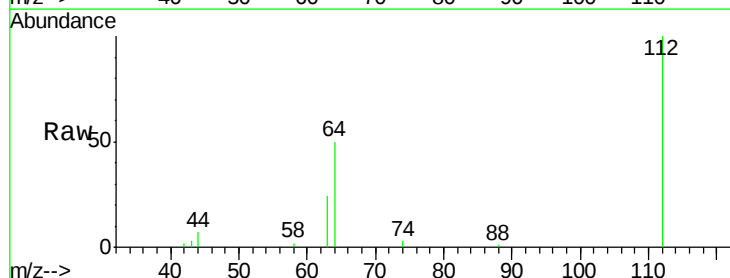
Tot Ion:152 Resp: 29257
Ion Ratio Lower Upper
152 100
150 169.0 123.9 185.9
115 71.0 48.3 72.5

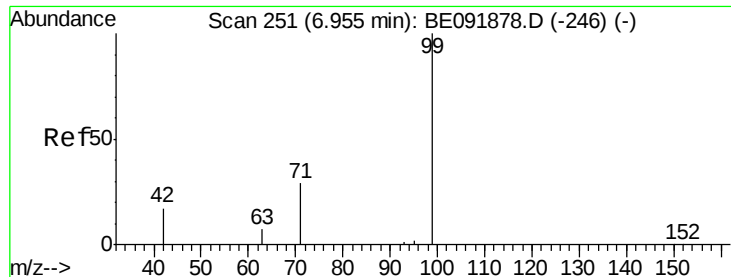


#4

2-Fluorophenol
Concen: 2.26 ng
RT: 5.37 min Scan# 161
Delta R.T. -0.00 min
Lab File: BE091891.D
Acq: 8 Jun 2016 00:42

Tgt Ion:112 Resp: 14089
Ion Ratio Lower Upper
112 100
64 66.2 53.7 80.5
63 35.9 29.5 44.3





#5

Phenol-d6

Concen: 1.36 ng

RT: 6.94 min Scan# 250

Delta R.T. -0.02 min

Lab File: BE091891.D

Acq: 8 Jun 2016 00:42

Instrument :

BNA_E

ClientSampleId :

KY038PS037-160531

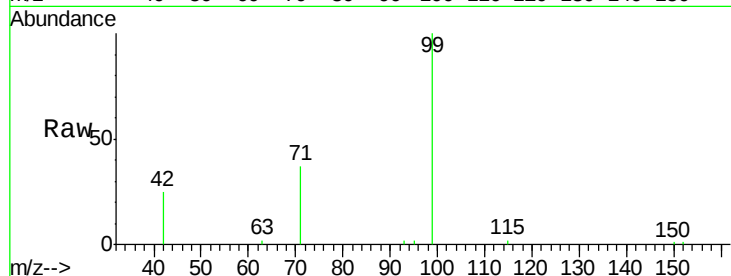
Tot Ion: 99 Resp: 10522

Ion Ratio Lower Upper

99 100

42 23.1 19.6 29.4

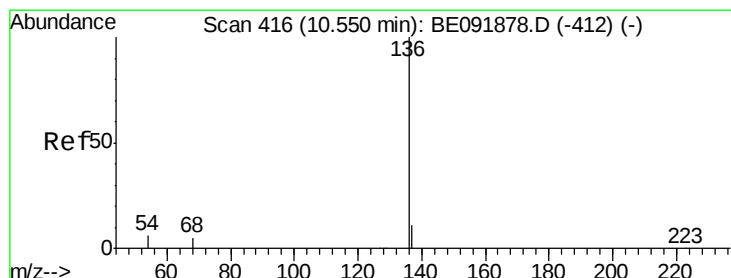
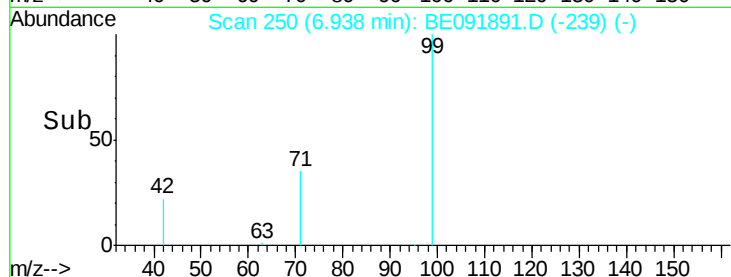
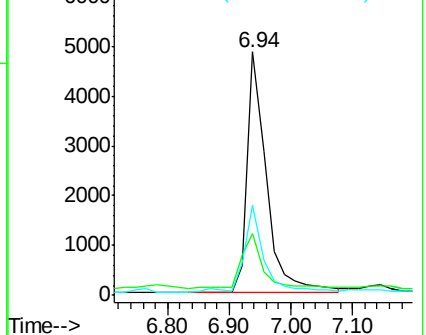
71 36.8 28.1 42.1



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



#8

Naphthalene-d8

Concen: 5.00 ng

RT: 10.55 min Scan# 416

Delta R.T. -0.00 min

Lab File: BE091891.D

Acq: 8 Jun 2016 00:42

Tgt Ion: 136 Resp: 130419

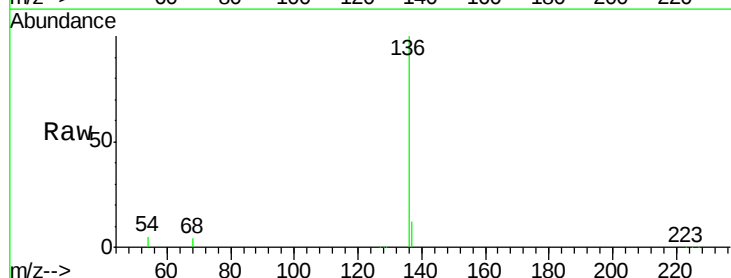
Ion Ratio Lower Upper

136 100

137 11.6 8.3 12.5

54 5.0 8.2 12.4#

68 4.1 5.9 8.9#

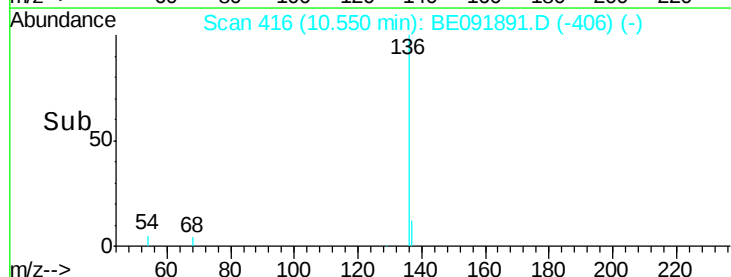
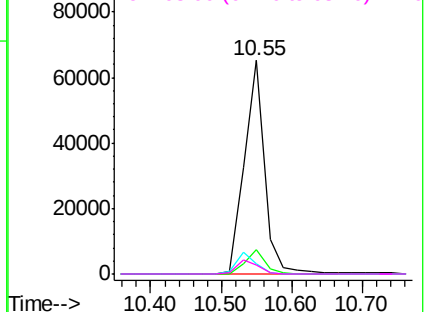


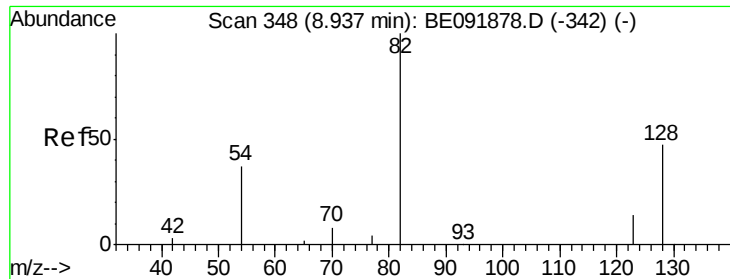
Abundance Ion 136.00 (135.70 to 136.70): E

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





#9

Nitrobenzene-d5

Concen: 3.23 ng

RT: 8.91 min Scan# 347

Delta R.T. -0.02 min

Lab File: BE091891.D

Acq: 8 Jun 2016 00:42

Instrument :

BNA_E

ClientSampleId :

KY038PS037-160531

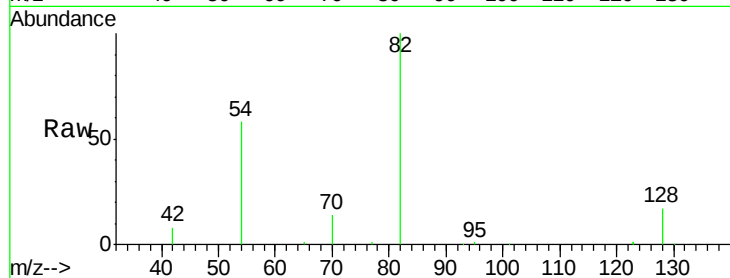
Tot Ion: 82 Resp: 31588

Ion Ratio Lower Upper

82 100

128 17.4 39.5 59.3#

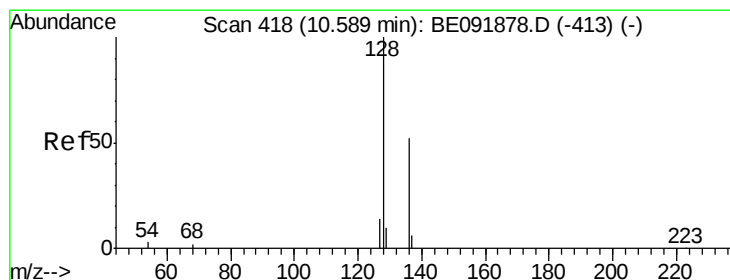
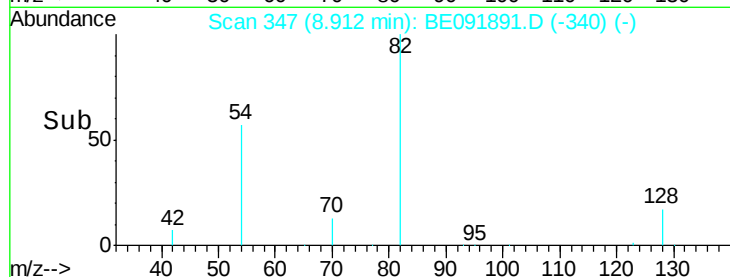
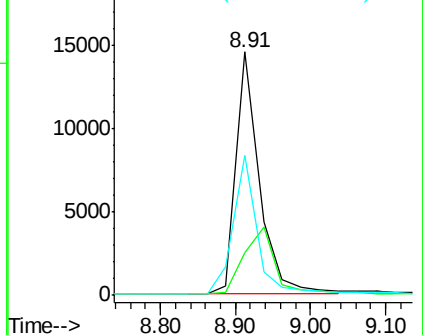
54 57.7 30.3 45.5#



Abundance Ion 82.00 (81.70 to 82.70): BE091891.D (-340) (-)

Ion 128.00 (127.70 to 128.70): BE091891.D (-340) (-)

Ion 54.00 (53.70 to 54.70): BE091891.D (-340) (-)



#12

Naphthalene

Concen: 0.03 ng

RT: 10.59 min Scan# 418

Delta R.T. -0.00 min

Lab File: BE091891.D

Acq: 8 Jun 2016 00:42

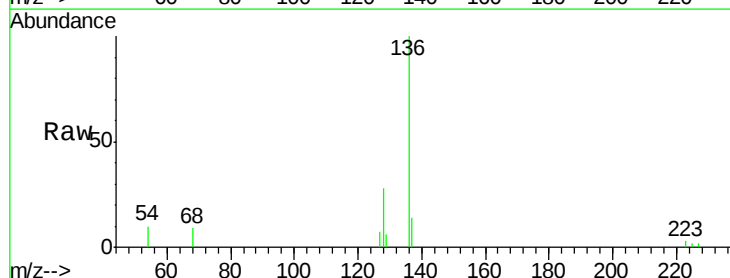
Tgt Ion: 128 Resp: 930

Ion Ratio Lower Upper

128 100

129 20.3 10.4 15.6#

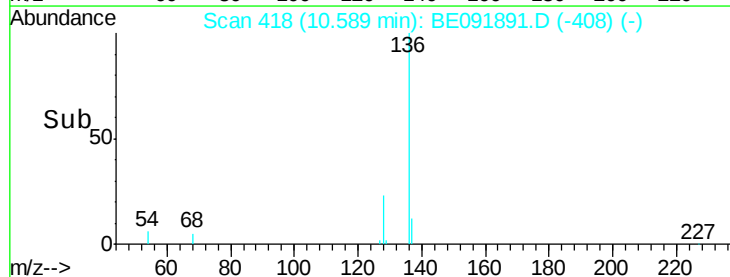
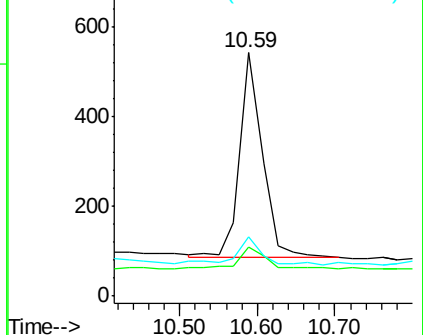
127 24.4 10.2 15.2#

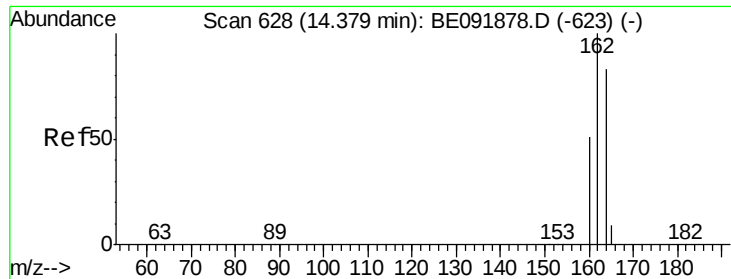


Abundance Ion 128.00 (127.70 to 128.70): BE091891.D (-408) (-)

Ion 129.00 (128.70 to 129.70): BE091891.D (-408) (-)

Ion 127.00 (126.70 to 127.70): BE091891.D (-408) (-)





#15

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.38 min Scan# 628

Delta R.T. 0.00 min

Lab File: BE091891.D

Acq: 8 Jun 2016 00:42

Instrument :

BNA_E

ClientSampleId :

KY038PS037-160531

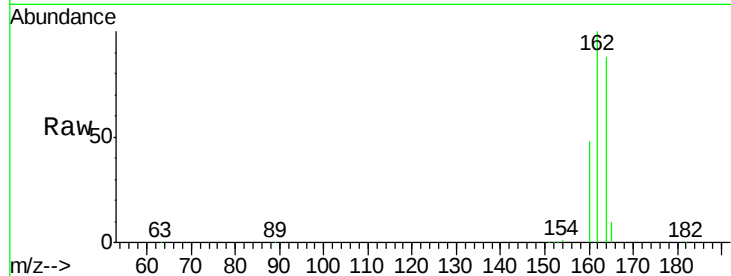
Tot Ion:164 Resp: 76732

Ion Ratio Lower Upper

164 100

162 114.2 71.8 107.8#

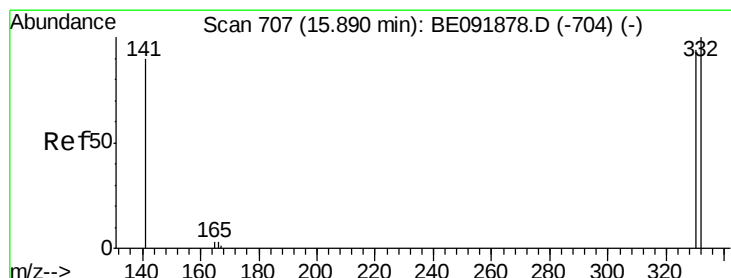
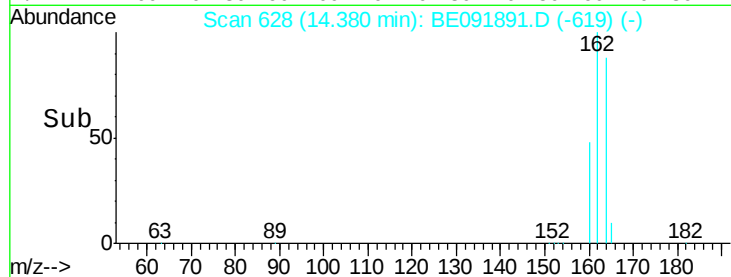
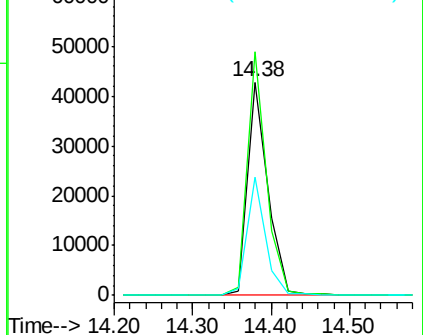
160 55.1 28.0 42.0#



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



#16

2,4,6-Tribromophenol

Concen: 8.68 ng

RT: 15.87 min Scan# 706

Delta R.T. -0.02 min

Lab File: BE091891.D

Acq: 8 Jun 2016 00:42

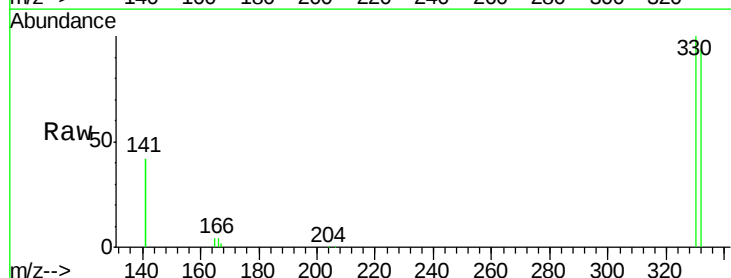
Tgt Ion:330 Resp: 18984

Ion Ratio Lower Upper

330 100

332 96.5 77.0 115.6

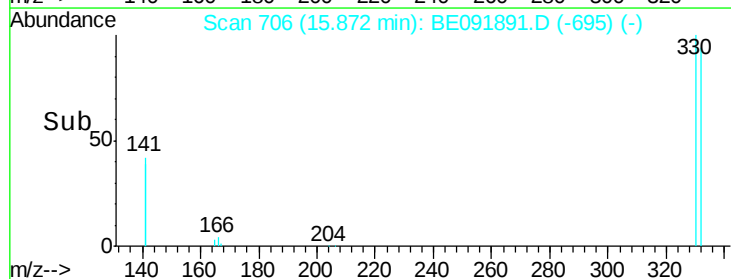
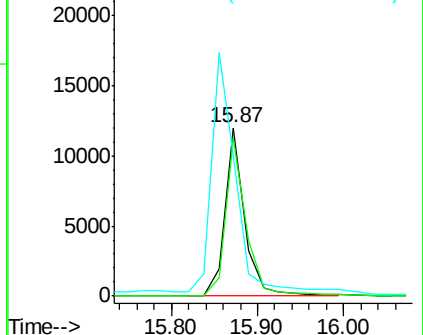
141 167.6 138.4 207.6

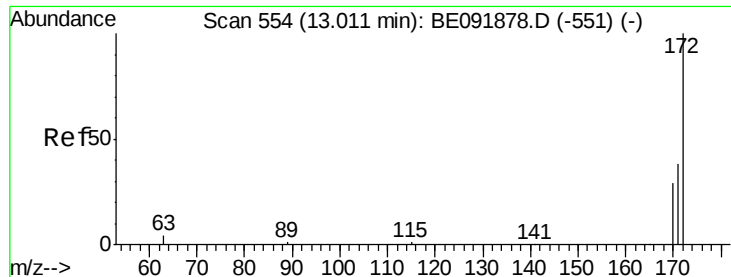


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

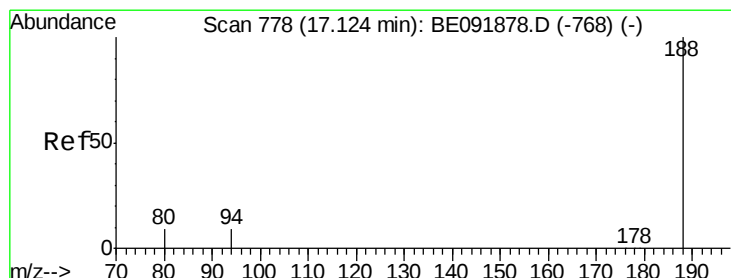
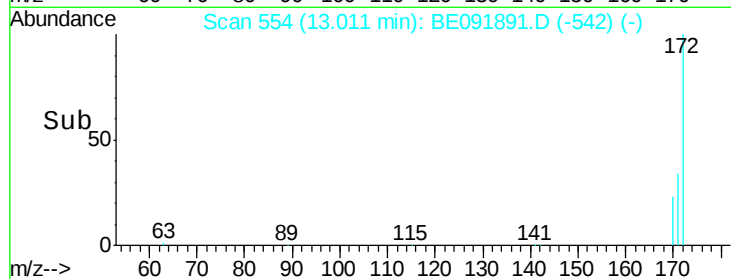
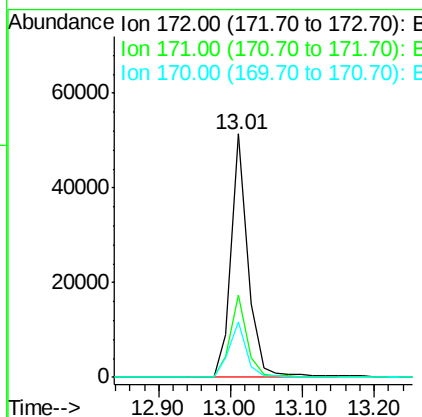
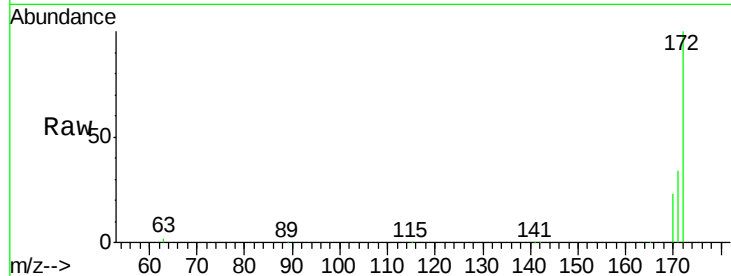




#17
 2-Fluorobiphenyl
 Concen: 3.60 ng
 RT: 13.01 min Scan# 554
 Delta R.T. -0.00 min
 Lab File: BE091891.D
 Acq: 8 Jun 2016 00:42

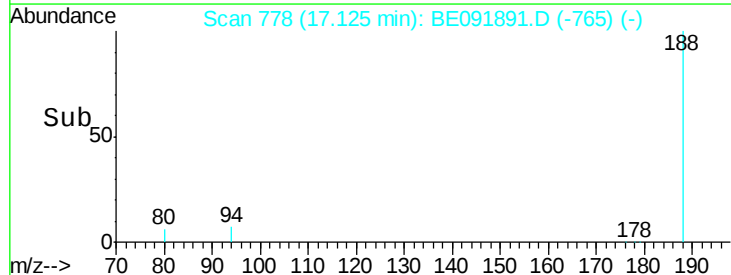
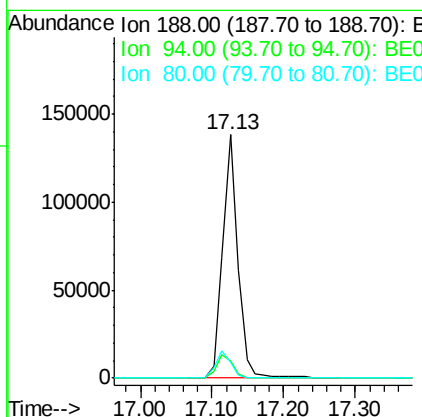
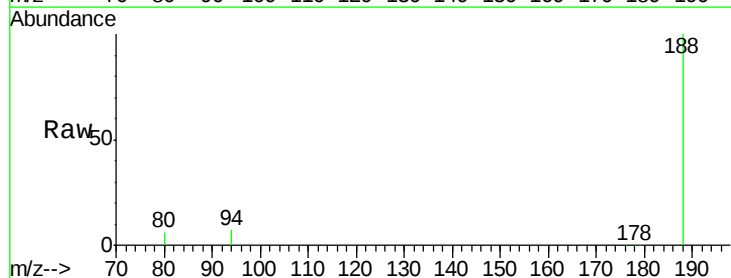
Instrument :
 BNA_E
 ClientSampleId :
 KY038PS037-160531

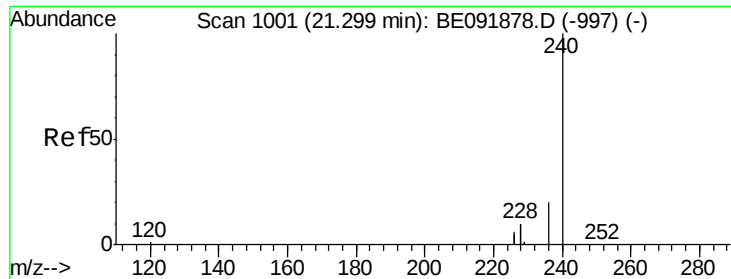
Tot Ion:172 Resp: 83873
 Ion Ratio Lower Upper
 172 100
 171 34.0 24.3 36.5
 170 22.8 14.9 22.3#



#24
 Phenanthrene-d10
 Concen: 5.00 ng
 RT: 17.13 min Scan# 778
 Delta R.T. 0.00 min
 Lab File: BE091891.D
 Acq: 8 Jun 2016 00:42

Tgt Ion:188 Resp: 204558
 Ion Ratio Lower Upper
 188 100
 94 6.9 4.1 6.1#
 80 6.2 3.4 5.2#

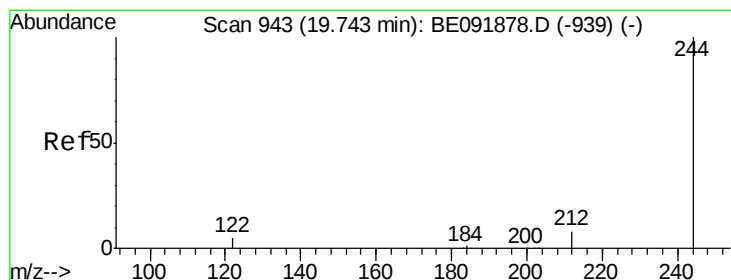
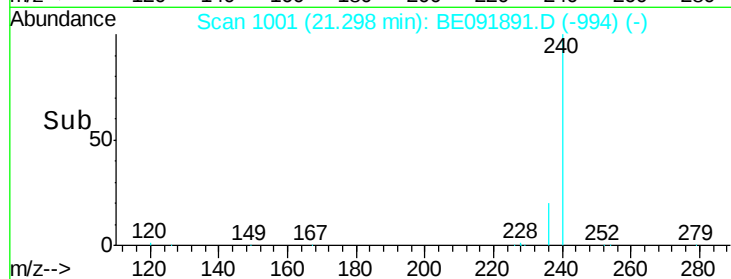
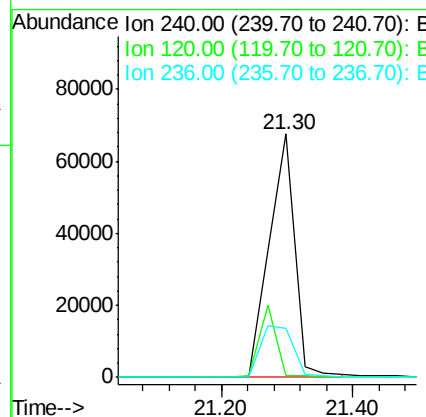
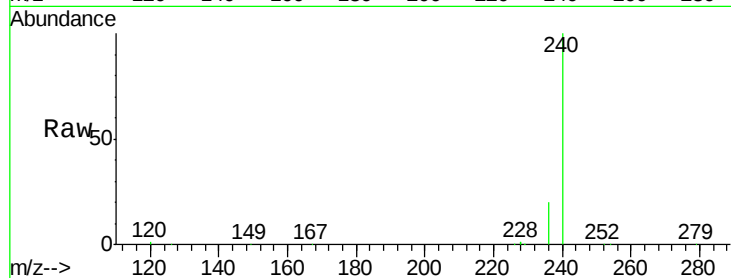




#31
Chrysene-d12
Concen: 5.00 ng
RT: 21.30 min Scan# 1001
Delta R.T. -0.00 min
Lab File: BE091891.D
Acq: 8 Jun 2016 00:42

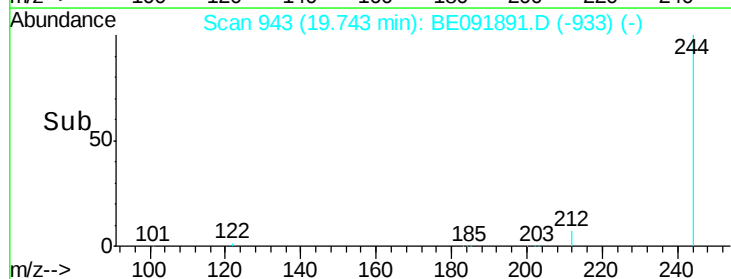
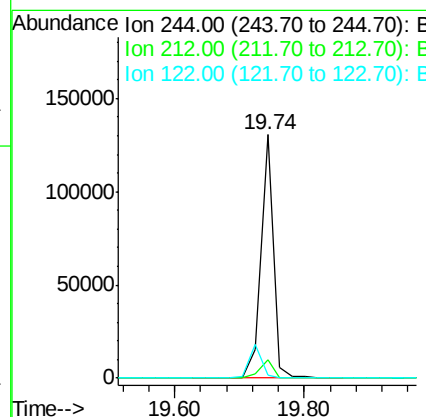
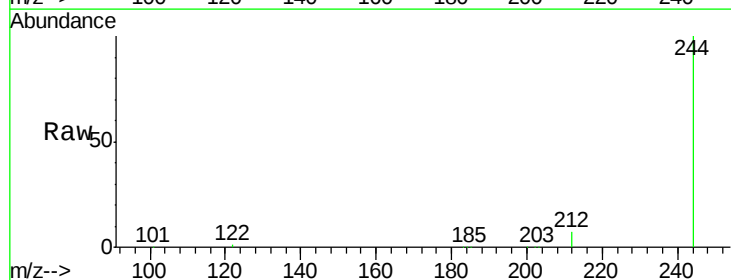
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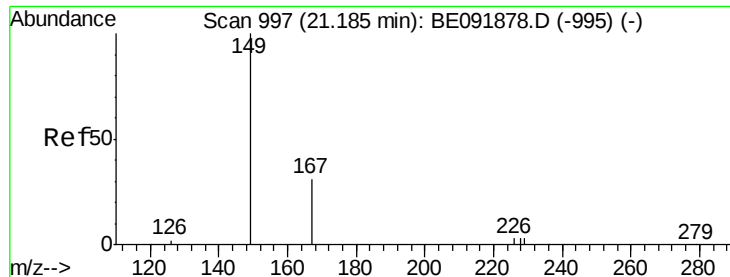
Tot Ion:240 Resp: 183526
Ion Ratio Lower Upper
240 100
120 0.9 1.2 1.8#
236 20.2 19.8 29.8



#34
Terphenyl-d14
Concen: -5.00 ng
RT: 19.74 min Scan# 943
Delta R.T. 0.00 min
Lab File: BE091891.D
Acq: 8 Jun 2016 00:42

Tgt Ion:244 Resp: 177851
Ion Ratio Lower Upper
244 100
212 7.3 6.5 9.7
122 1.3 2.9 4.3#

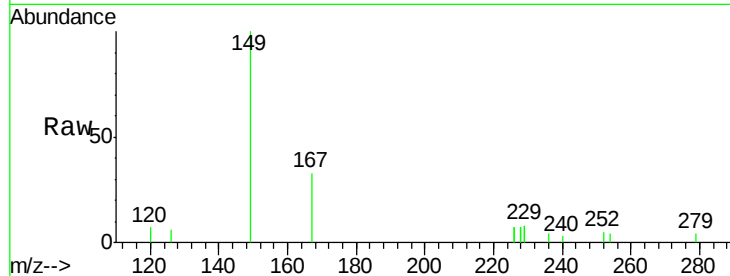




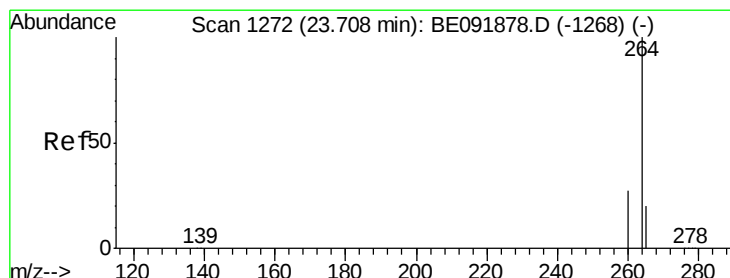
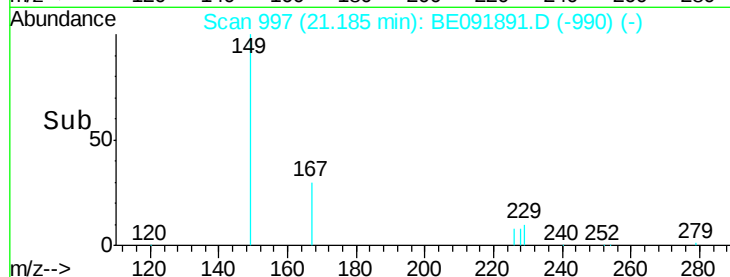
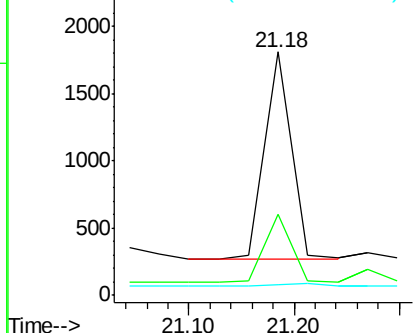
#38
 Bis(2-ethylhexyl)phthalate
 Concen: 0.20 ng
 RT: 21.18 min Scan# 997
 Delta R.T. -0.00 min
 Lab File: BE091891.D
 Acq: 8 Jun 2016 00:42

Instrument :
 BNA_E
 ClientSampleId :
 KY038PS037-160531

Tot Ion:149 Resp: 2761
 Ion Ratio Lower Upper
 149 100
 167 31.9 0.0 0.0#
 279 0.0 0.0 0.0

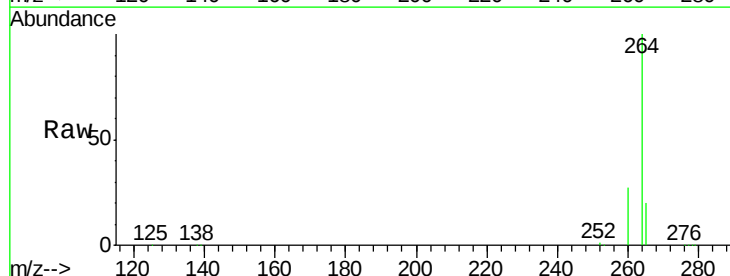


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E



#40
 Perylene-d12
 Concen: 5.00 ng
 RT: 23.71 min Scan# 1272
 Delta R.T. -0.00 min
 Lab File: BE091891.D
 Acq: 8 Jun 2016 00:42

Tgt Ion:264 Resp: 238665
 Ion Ratio Lower Upper
 264 100
 260 27.1 20.3 30.5
 265 20.4 17.6 26.4



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

