

Data Path : Z:\HPCHEM1\BNA E\DATA\BE022417\
 Data File : BE092756.D
 Acq On : 24 Feb 2017 12:32
 Operator : SJ/MA
 Sample : PB97149BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB97149BL

Quant Time: Feb 24 15:52:13 2017
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE021517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 15 17:05:20 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.09	152	11701	5.00	ng	-0.02
7) Naphthalene-d8	10.87	136	46073	5.00	ng	-0.02
12) Acenaphthene-d10	14.75	164	22735	5.00	ng	-0.02
18) Phenanthrene-d10	17.51	188	53641	5.00	ng	0.00
24) Chrysene-d12	21.68	240	66315	5.00	ng	-0.02
31) Perylene-d12	24.02	264	76377	5.00	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.60	112	24309	10.68	ng	-0.03
5) Phenol-d6	7.27	99	31098	11.13	ng	-0.05
8) Nitrobenzene-d5	9.27	82	13504	4.35	ng	-0.05
13) 2,4,6-Tribromophenol	16.25	330	6505	13.48	ng	-0.03
14) 2-Fluorobiphenyl	13.36	172	26766	4.83	ng	-0.04
26) Terphenyl-d14	20.12	244	36973	4.37	ng	-0.02

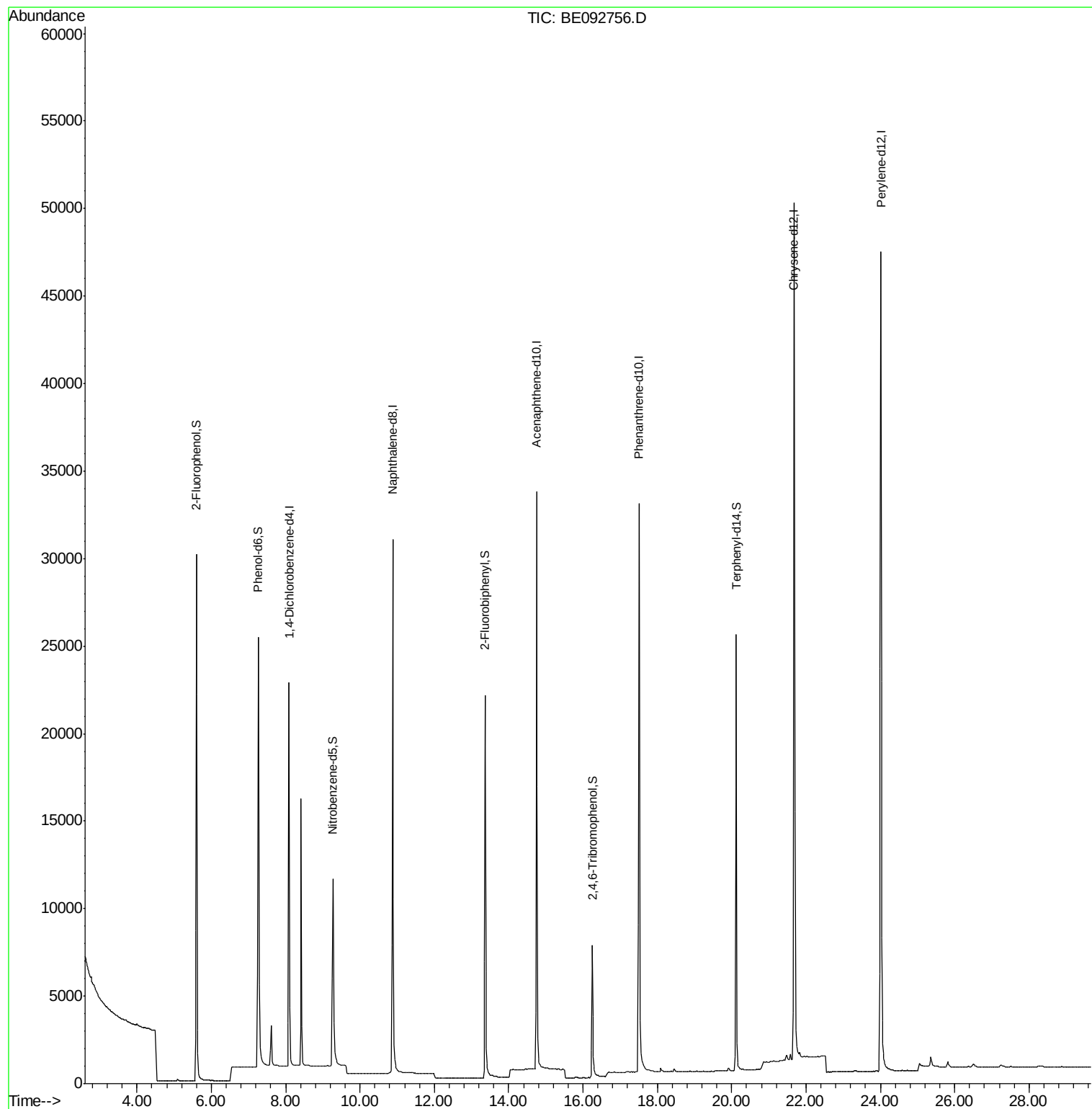
Target Compounds Qvalue

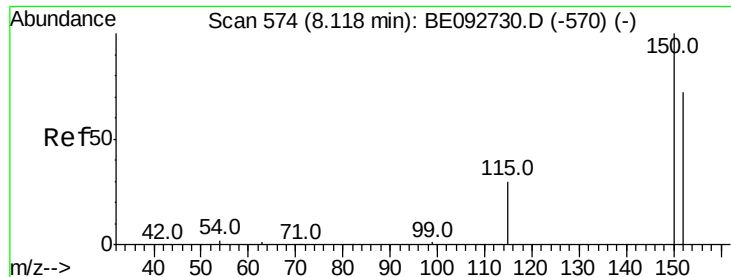
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 8.09 min Scan# 573

Delta R.T. -0.02 min

Lab File: BE092756.D

Acq: 24 Feb 2017 12:32

Instrument :

BNA_E

ClientSampleId :

PB97149BL

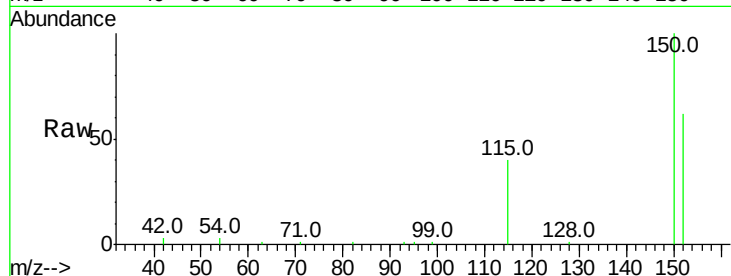
Tot Ion:152 Resp: 11701

Ion Ratio Lower Upper

152 100

150 160.7 106.0 159.0#

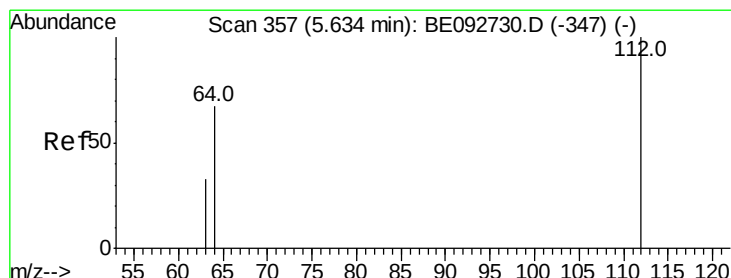
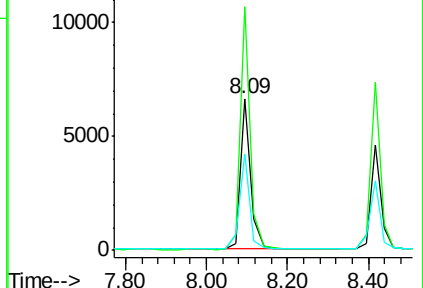
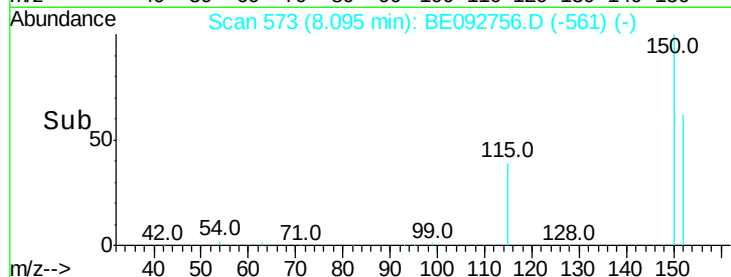
115 63.6 31.2 46.8#



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: 10.68 ng

RT: 5.60 min Scan# 351

Delta R.T. -0.03 min

Lab File: BE092756.D

Acq: 24 Feb 2017 12:32

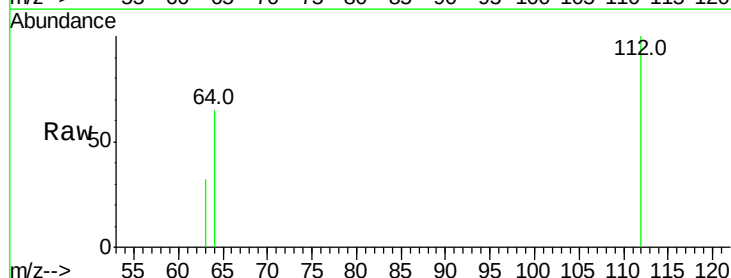
Tgt Ion:112 Resp: 24309

Ion Ratio Lower Upper

112 100

64 67.8 53.5 80.3

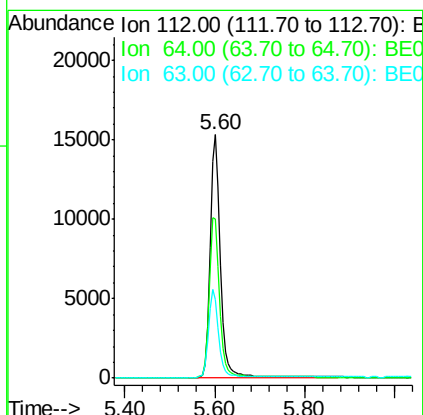
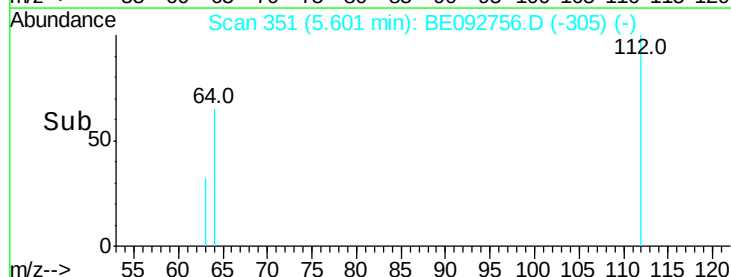
63 36.0 27.9 41.9

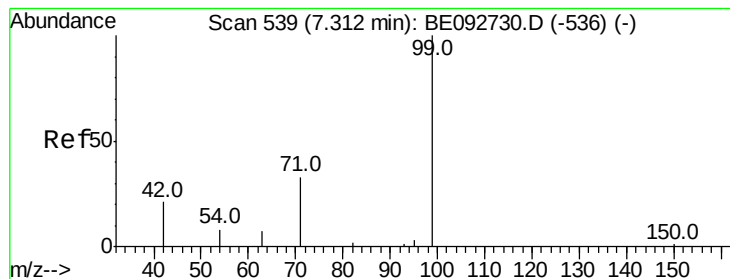


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 11.13 ng

RT: 7.27 min Scan# 537

Delta R.T. -0.05 min

Lab File: BE092756.D

Acq: 24 Feb 2017 12:32

Instrument :

BNA_E

ClientSampleId :

PB97149BL

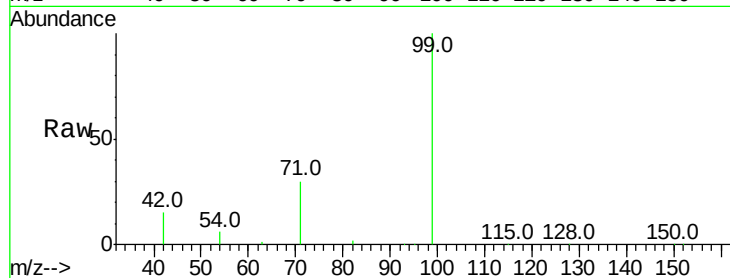
Tot Ion: 99 Resp: 31098

Ion Ratio Lower Upper

99 100

42 0.0 16.0 24.0#

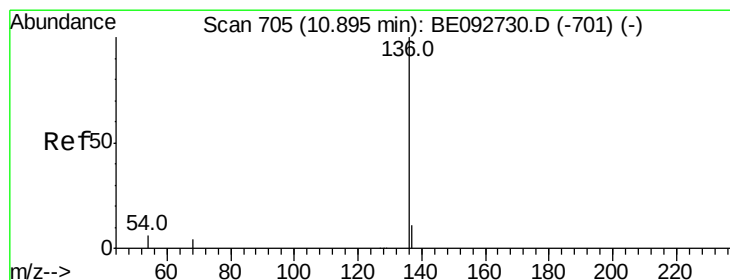
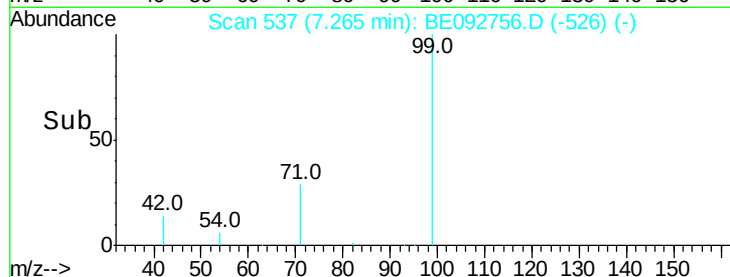
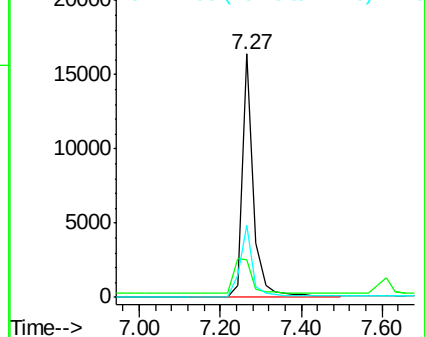
71 32.9 30.6 45.8



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: 5.00 ng

RT: 10.87 min Scan# 704

Delta R.T. -0.02 min

Lab File: BE092756.D

Acq: 24 Feb 2017 12:32

Tgt Ion: 136 Resp: 46073

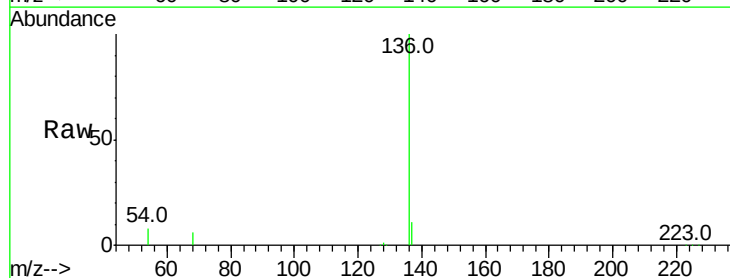
Ion Ratio Lower Upper

136 100

137 11.0 8.2 12.4

54 8.5 9.6 14.4#

68 6.3 6.7 10.1#

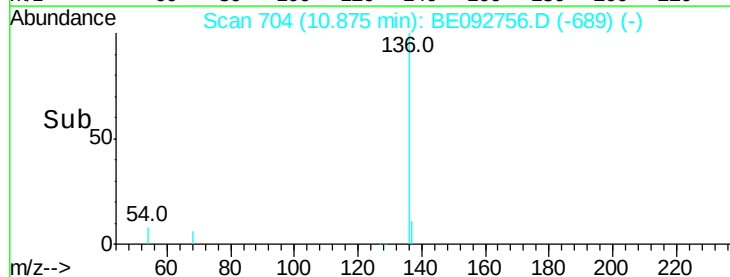
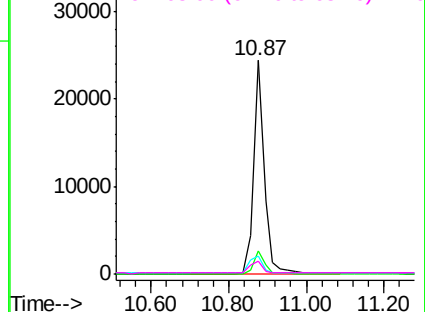


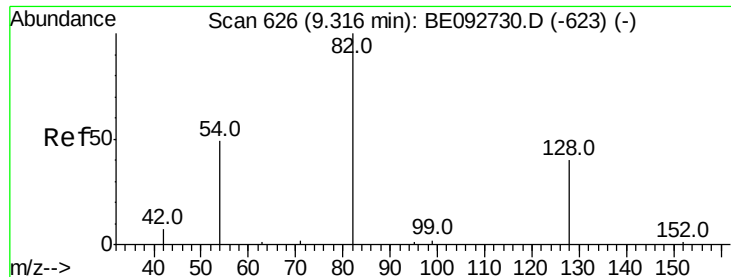
Abundance Ion 136.00 (135.70 to 136.70): E

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





#8

Nitrobenzene-d5

Concen: 4.35 ng

RT: 9.27 min Scan# 624

Delta R.T. -0.05 min

Lab File: BE092756.D

Acq: 24 Feb 2017 12:32

Instrument :

BNA_E

ClientSampleId :

PB97149BL

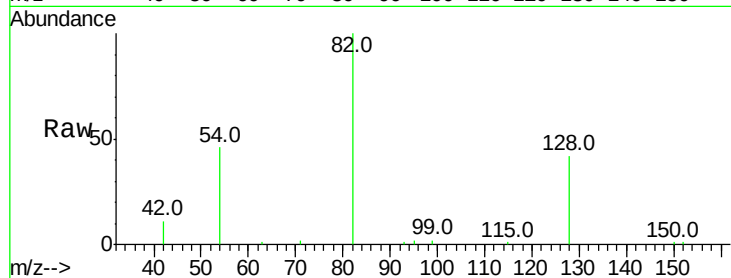
Tot Ion: 82 Resp: 13504

Ion Ratio Lower Upper

82 100

128 41.8 39.0 58.4

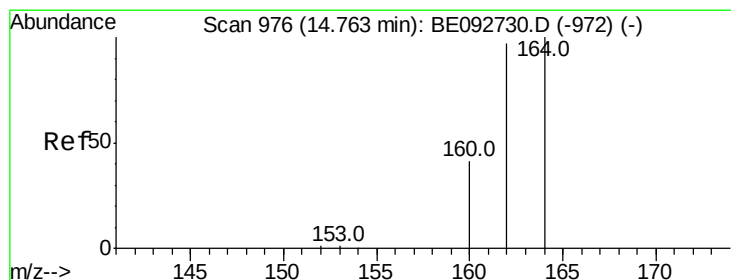
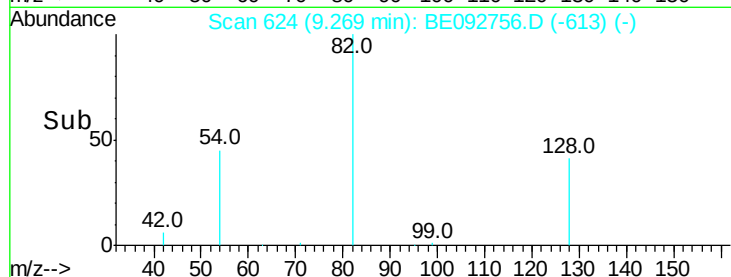
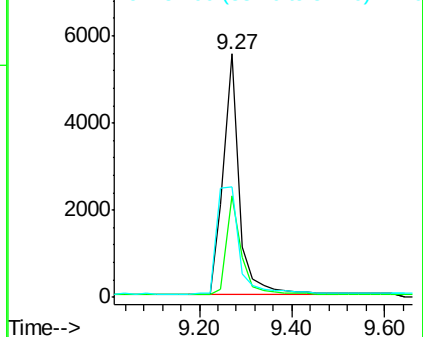
54 45.6 44.8 67.2



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



#12

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.75 min Scan# 976

Delta R.T. -0.02 min

Lab File: BE092756.D

Acq: 24 Feb 2017 12:32

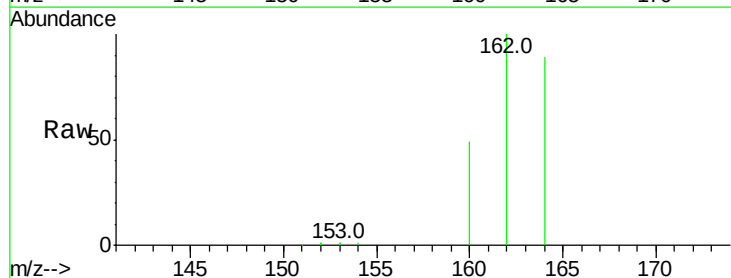
Tgt Ion: 164 Resp: 22735

Ion Ratio Lower Upper

164 100

162 112.1 71.4 107.0#

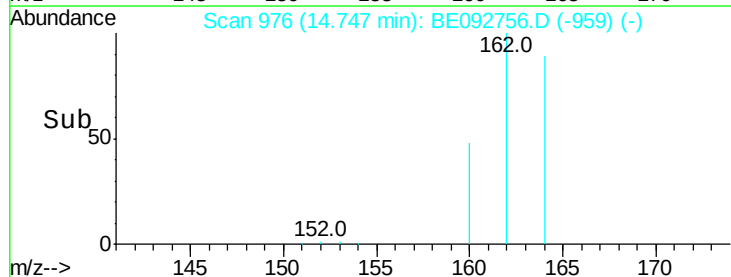
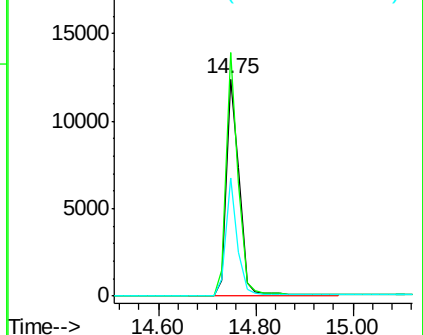
160 54.4 27.4 41.2#

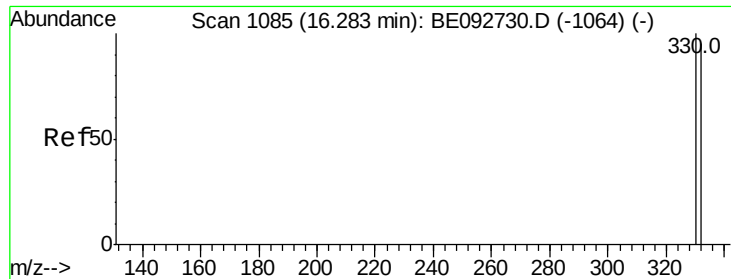


Abundance Ion 164.00 (163.70 to 164.70): BE0

Ion 162.00 (161.70 to 162.70): BE0

Ion 160.00 (159.70 to 160.70): BE0

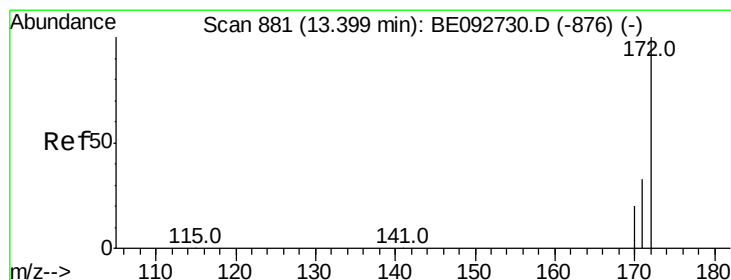
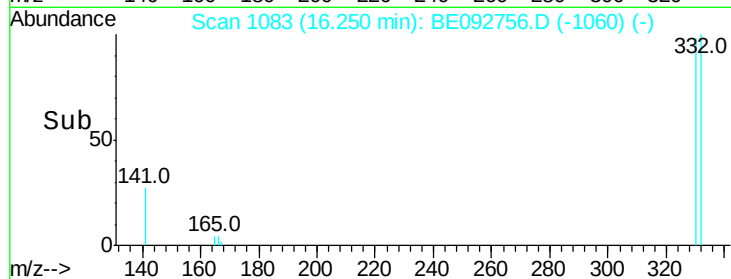
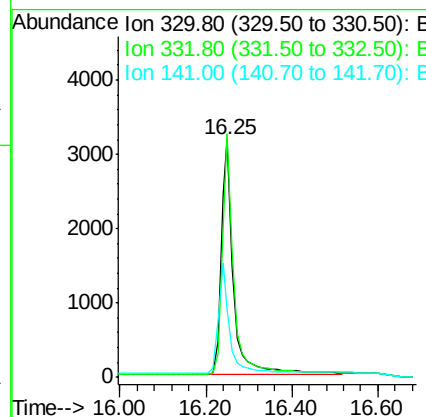
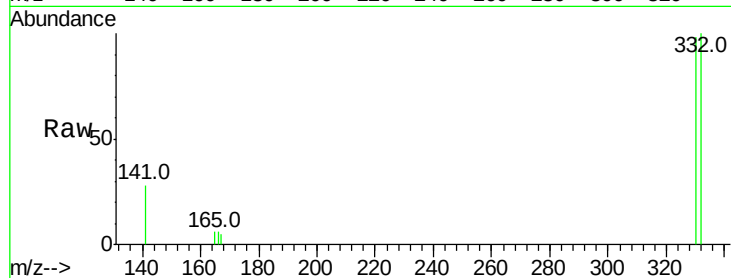




#13
 2,4,6-Tribromophenol
 Concen: 13.48 ng
 RT: 16.25 min Scan# 1083
 Delta R.T. -0.03 min
 Lab File: BE092756.D
 Acq: 24 Feb 2017 12:32

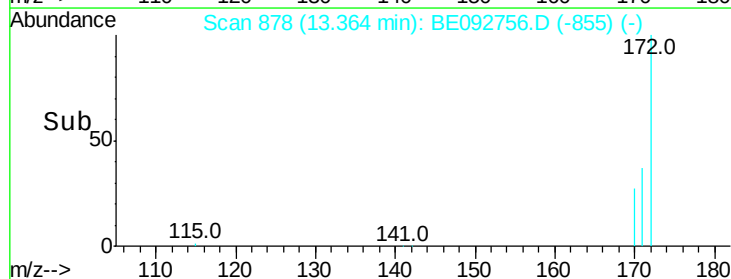
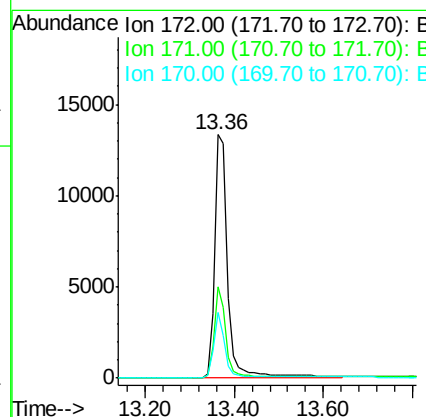
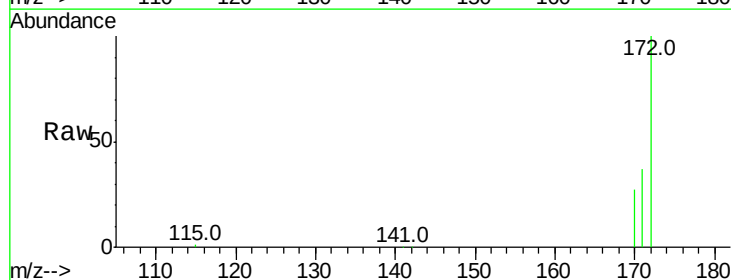
Instrument :
 BNA_E
 ClientSampleId :
 PB97149BL

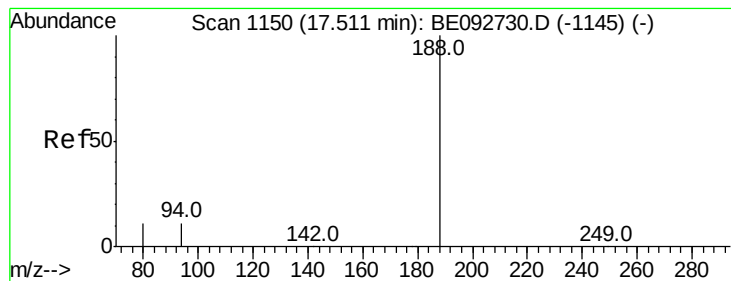
Tot Ion:330 Resp: 6505
 Ion Ratio Lower Upper
 330 100
 332 97.1 75.4 113.0
 141 43.4 31.0 46.6



#14
 2-Fluorobiphenyl
 Concen: 4.83 ng
 RT: 13.36 min Scan# 878
 Delta R.T. -0.04 min
 Lab File: BE092756.D
 Acq: 24 Feb 2017 12:32

Tgt Ion:172 Resp: 26766
 Ion Ratio Lower Upper
 172 100
 171 37.3 30.1 45.1
 170 27.1 21.8 32.6





#18

Phenanthrene-d10

Concen: 5.00 ng

RT: 17.51 min Scan# 1151

Delta R.T. -0.00 min

Lab File: BE092756.D

Acq: 24 Feb 2017 12:32

Instrument :

BNA_E

ClientSampleId :

PB97149BL

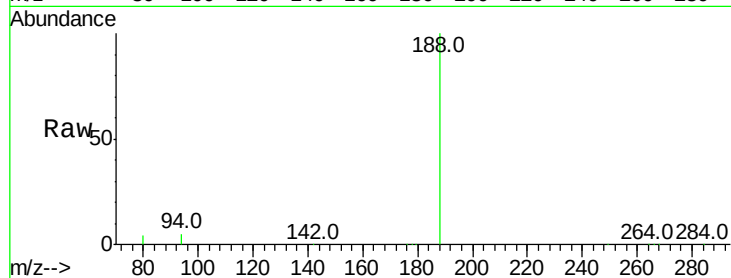
Tot Ion:188 Resp: 53641

Ion Ratio Lower Upper

188 100

94 4.9 3.2 4.8#

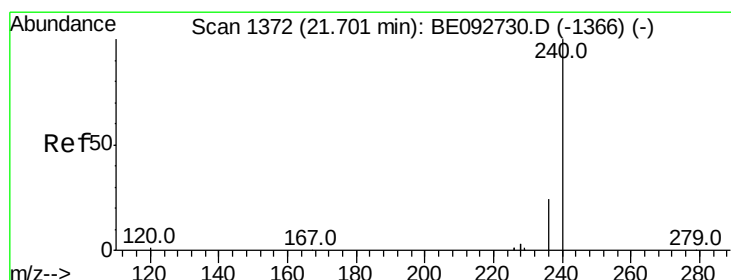
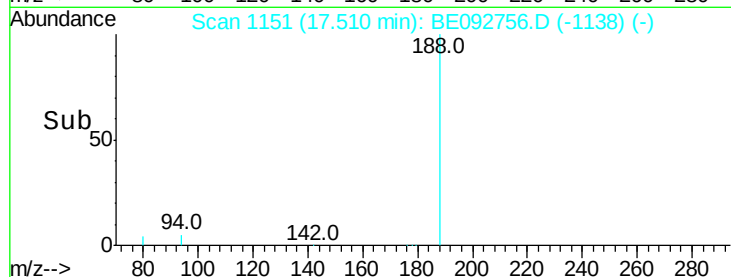
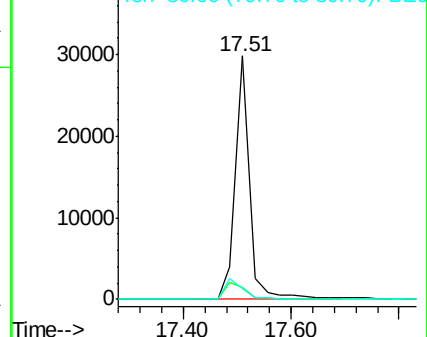
80 4.3 2.6 3.8#



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



#24

Chrysene-d12

Concen: 5.00 ng

RT: 21.68 min Scan# 1372

Delta R.T. -0.02 min

Lab File: BE092756.D

Acq: 24 Feb 2017 12:32

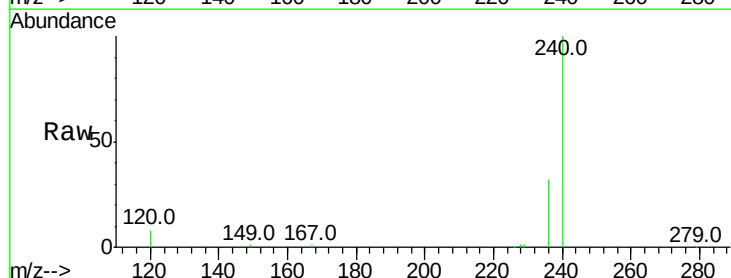
Tgt Ion:240 Resp: 66315

Ion Ratio Lower Upper

240 100

120 8.0 2.6 4.0#

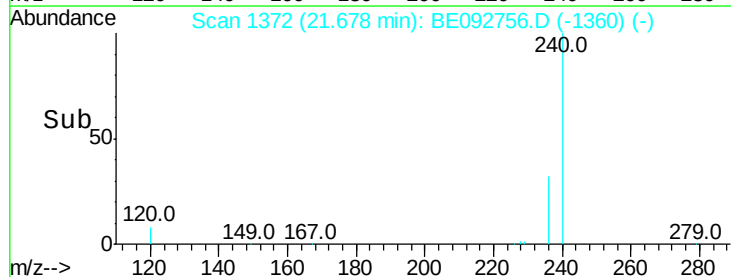
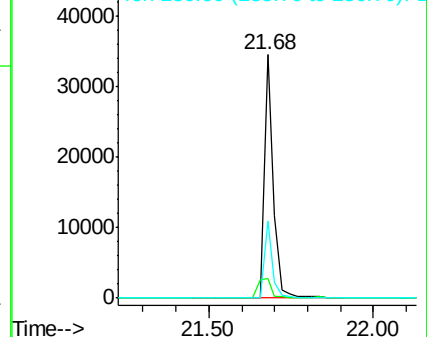
236 31.9 24.6 37.0

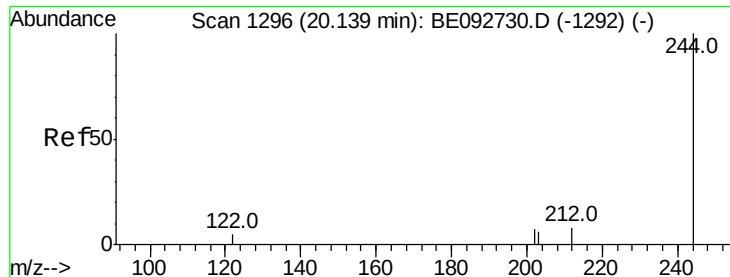


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

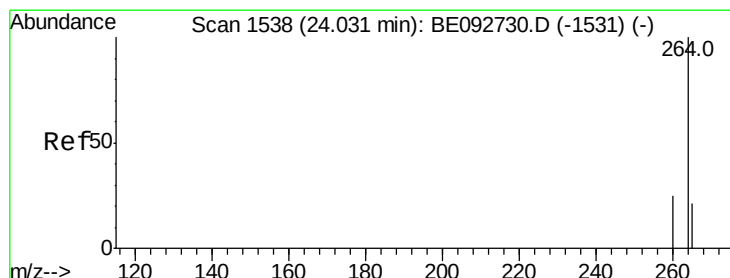
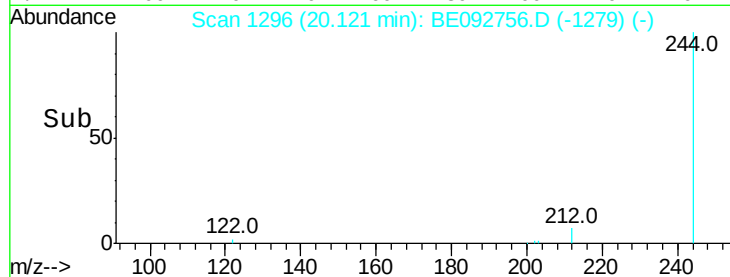
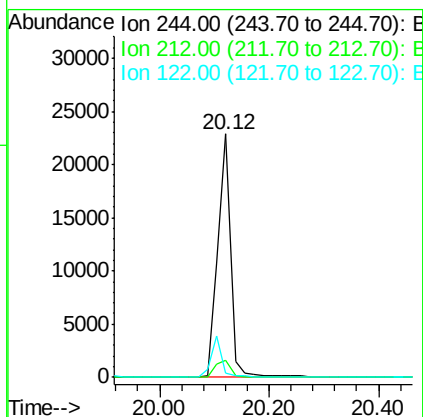
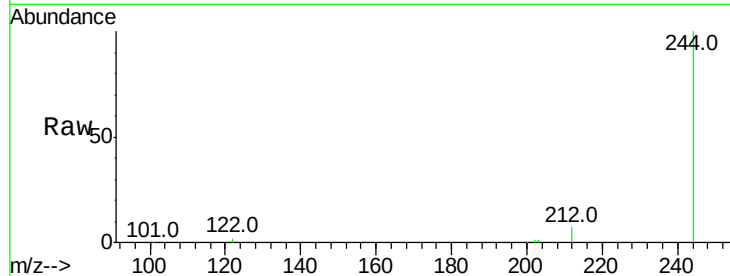




#26
 Terphenyl-d14
 Concen: 4.37 ng
 RT: 20.12 min Scan# 1296
 Delta R.T. -0.02 min
 Lab File: BE092756.D
 Acq: 24 Feb 2017 12:32

Instrument :
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Tot Ion:244 Resp: 36973
 Ion Ratio Lower Upper
 244 100
 212 7.0 6.7 10.1
 122 2.0 3.6 5.4#



#31
 Perylene-d12
 Concen: 5.00 ng
 RT: 24.02 min Scan# 1538
 Delta R.T. -0.01 min
 Lab File: BE092756.D
 Acq: 24 Feb 2017 12:32

Tgt Ion:264 Resp: 76377
 Ion Ratio Lower Upper
 264 100
 260 23.6 20.1 30.1
 265 23.1 17.9 26.9

