

Data Path : Z:\HPCHEM1\BNA E\DATA\BE022817\
 Data File : BE092763.D
 Acq On : 28 Feb 2017 15:08
 Operator : SJ/MA
 Sample : PB97227BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB97227BL

Quant Time: Mar 01 08:05:47 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

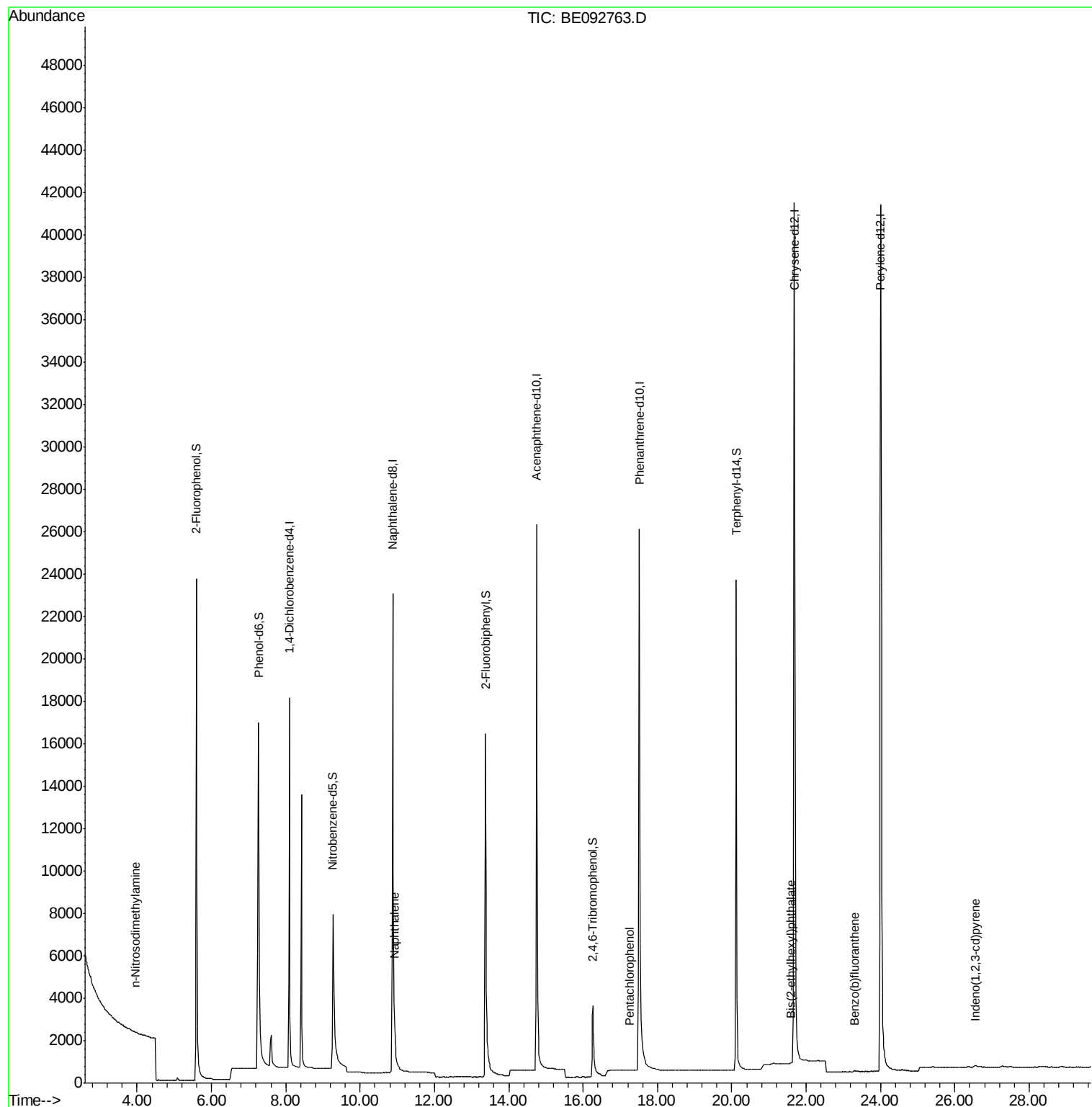
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.09	152	10636	5.00	ng	-0.02
7) Naphthalene-d8	10.88	136	41971	5.00	ng	-0.02
12) Acenaphthene-d10	14.75	164	20167	5.00	ng	-0.01
18) Phenanthrene-d10	17.51	188	48426	5.00	ng	0.00
24) Chrysene-d12	21.68	240	65310	5.00	ng	-0.02
31) Perylene-d12	24.01	264	72018	5.00	ng	-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.59	112	21704	10.49	ng	-0.04
5) Phenol-d6	7.27	99	25400	10.00	ng	-0.05
8) Nitrobenzene-d5	9.27	82	11405	4.04	ng	-0.05
13) 2,4,6-Tribromophenol	16.26	330	4345	10.15	ng	-0.02
14) 2-Fluorobiphenyl	13.38	172	24470	4.98	ng	-0.02
26) Terphenyl-d14	20.12	244	35942	4.31	ng	-0.02
Target Compounds						
3) n-Nitrosodimethylamine	3.95	42	4	0.21	ng	# 2
9) Naphthalene	10.91	128	206	0.02	ng	# 9
20) Pentachlorophenol	17.26	266	21	0.29	ng	# 72
29) Bis(2-ethylhexyl)phthalate	21.59	149	224	0.08	ng	# 71
30) Indeno(1,2,3-cd)pyrene	26.55	276	289	0.03	ng	# 83
32) Benzo(b)fluoranthene	23.30	252	100	0.04	ng	# 1

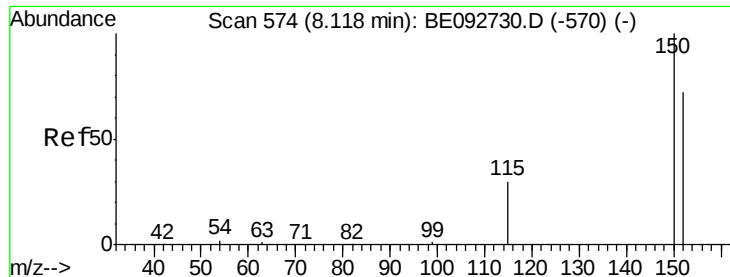
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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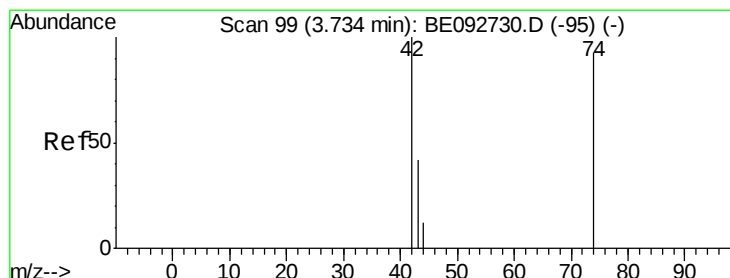
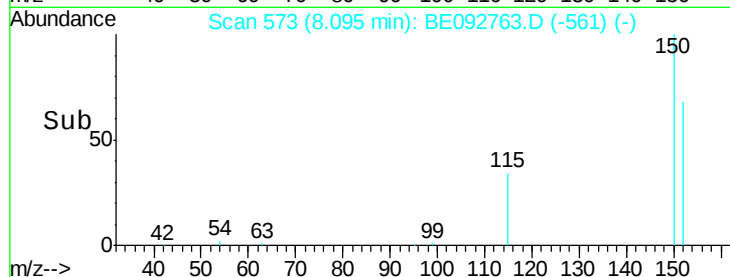
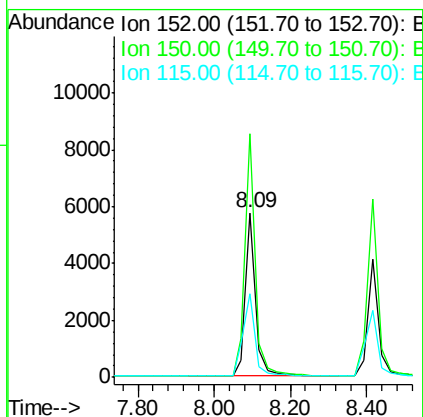
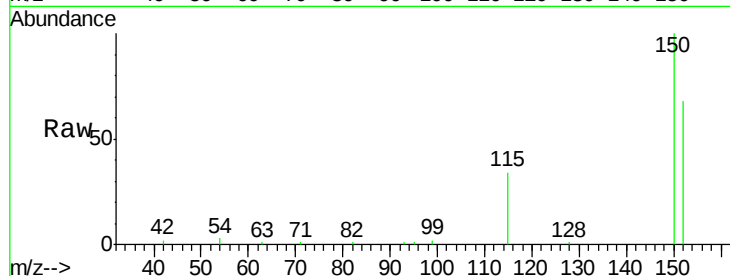


#1

1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 8.09 min Scan# 573
Delta R.T. -0.02 min
Lab File: BE092763.D
Acq: 28 Feb 2017 15:08

Instrument :
BNA_E
ClientSampleId :
PB97227BL

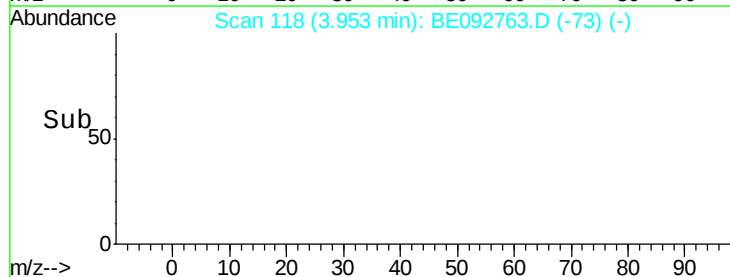
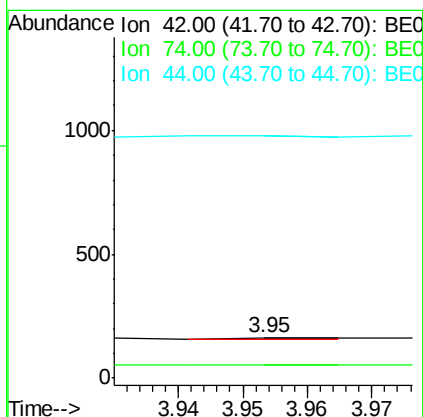
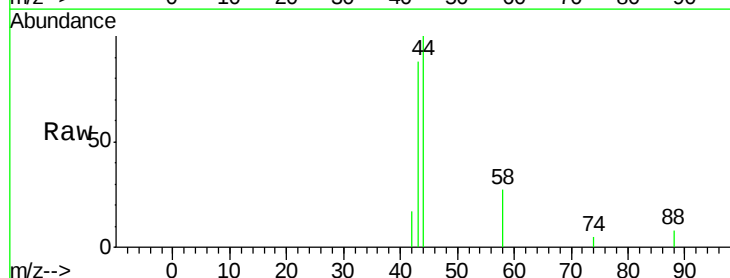
Tot Ion:152 Resp: 10636
Ion Ratio Lower Upper
152 100
150 147.7 106.0 159.0
115 50.9 31.2 46.8#

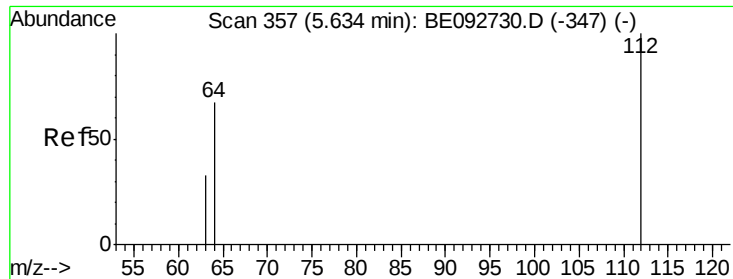


#3

n-Nitrosodimethylamine
Concen: 0.21 ng
RT: 3.95 min Scan# 118
Delta R.T. 0.22 min
Lab File: BE092763.D
Acq: 28 Feb 2017 15:08

Tgt Ion: 42 Resp: 4
Ion Ratio Lower Upper
42 100
74 0.0 86.0 129.0#
44 0.0 5.1 7.7#





#4

2-Fluorophenol

Concen: 10.49 ng

RT: 5.59 min Scan# 350

Delta R.T. -0.04 min

Lab File: BE092763.D

Acq: 28 Feb 2017 15:08

Instrument :

BNA_E

ClientSampleId :

PB97227BL

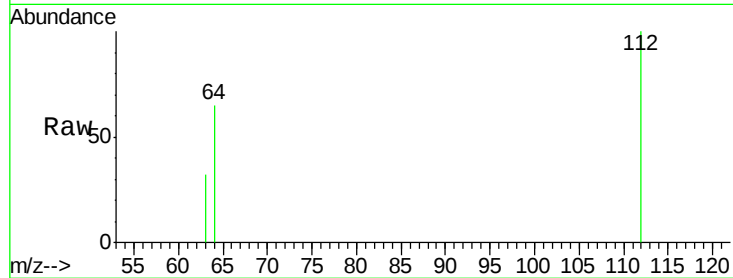
Tot Ion:112 Resp: 21704

Ion Ratio Lower Upper

112 100

64 67.8 53.5 80.3

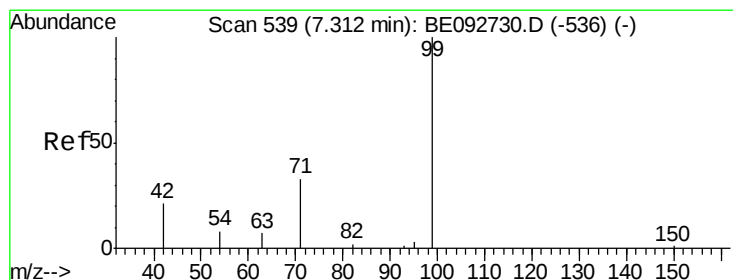
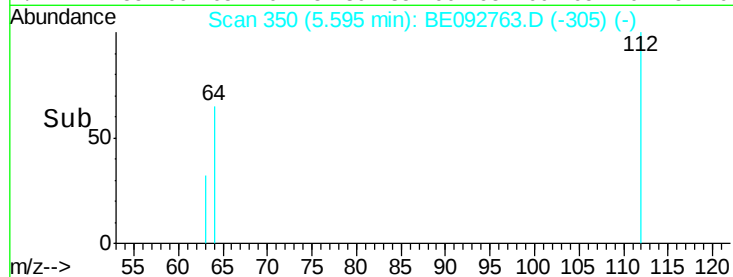
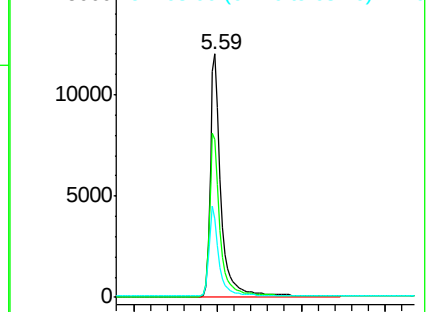
63 36.3 27.9 41.9



Abundance Ion 112.00 (111.70 to 112.70): BE0

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0



#5

Phenol-d6

Concen: 10.00 ng

RT: 7.27 min Scan# 537

Delta R.T. -0.05 min

Lab File: BE092763.D

Acq: 28 Feb 2017 15:08

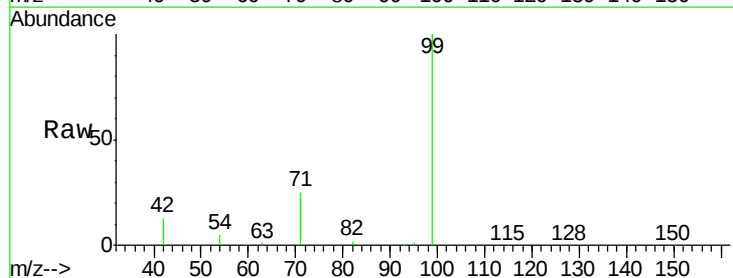
Tgt Ion: 99 Resp: 25400

Ion Ratio Lower Upper

99 100

42 0.0 16.0 24.0#

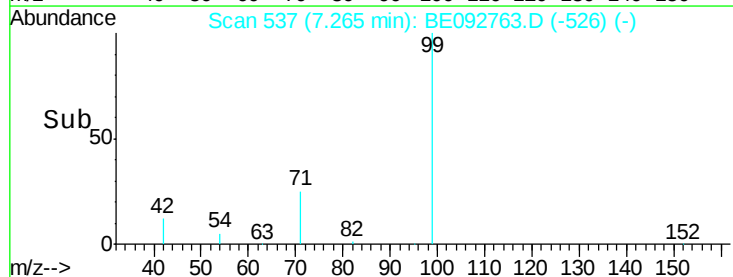
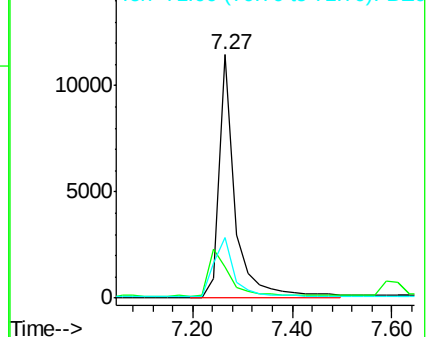
71 33.0 30.6 45.8

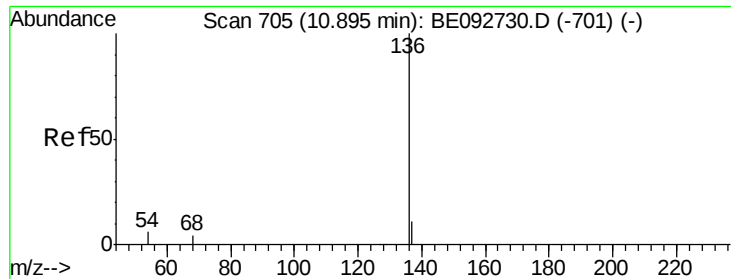


Abundance Ion 99.00 (98.70 to 99.70): BE0

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: 10.88 min Scan# 704

Delta R.T. -0.02 min

Lab File: BE092763.D

Acq: 28 Feb 2017 15:08

Instrument :

BNA_E

ClientSampled :

PB97227BL

Tot Ion:136 Resp: 41971

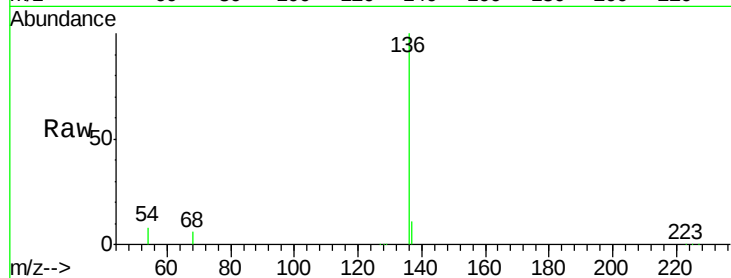
Ion Ratio Lower Upper

136 100

137 10.8 8.2 12.4

54 8.4 9.6 14.4#

68 6.1 6.7 10.1#

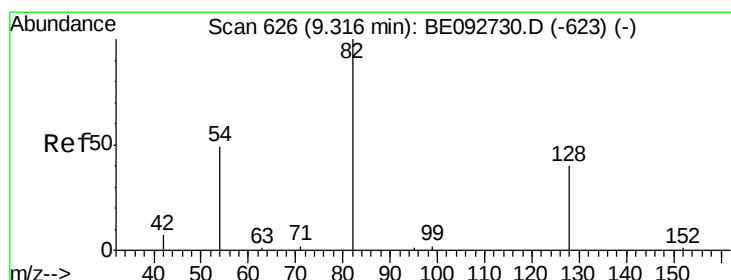
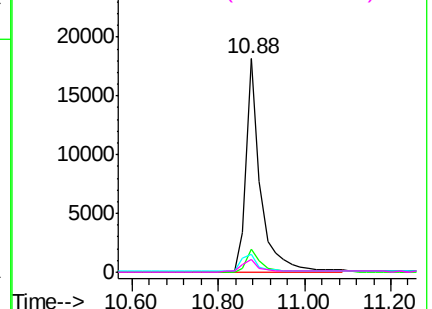
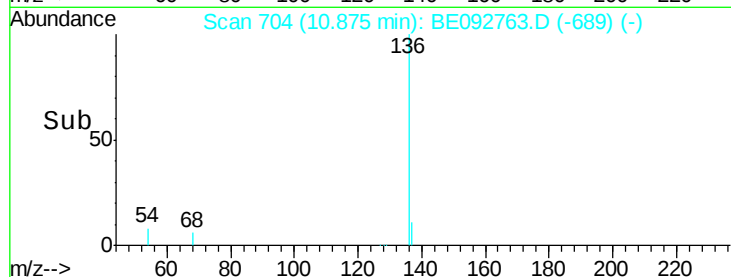


Abundance Ion 136.00 (135.70 to 136.70): E

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: 4.04 ng

RT: 9.27 min Scan# 624

Delta R.T. -0.05 min

Lab File: BE092763.D

Acq: 28 Feb 2017 15:08

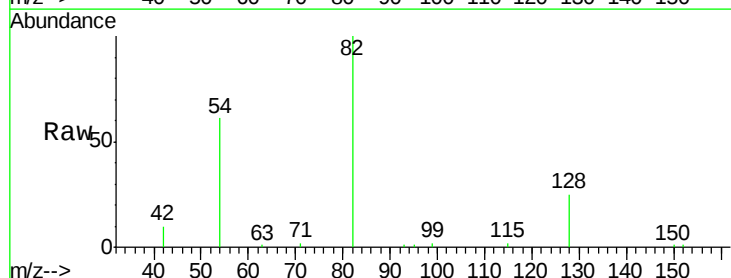
Tgt Ion: 82 Resp: 11405

Ion Ratio Lower Upper

82 100

128 24.6 39.0 58.4#

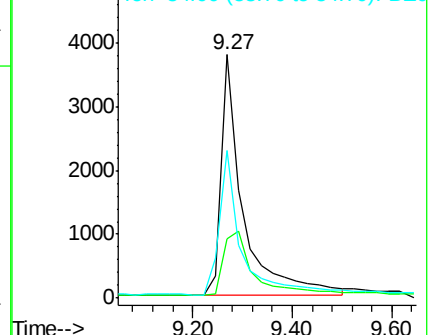
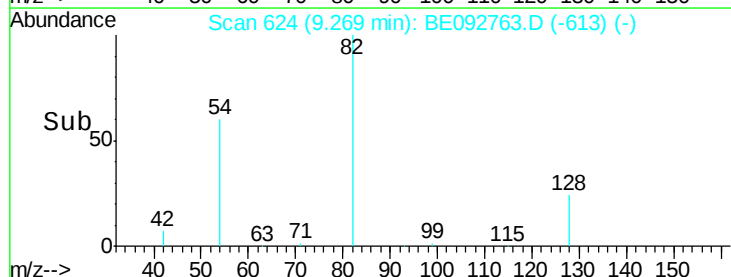
54 60.6 44.8 67.2

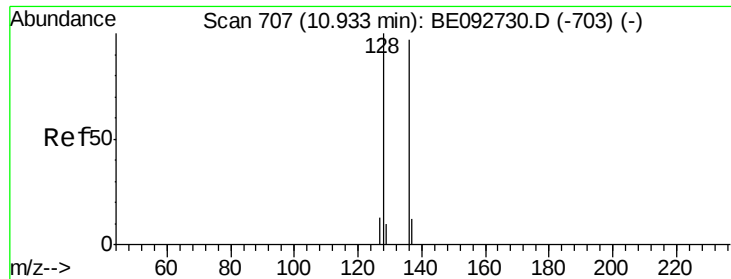


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.02 ng

RT: 10.91 min Scan# 706

Delta R.T. -0.02 min

Lab File: BE092763.D

Acq: 28 Feb 2017 15:08

Instrument :

BNA_E

ClientSampleId :

PB97227BL

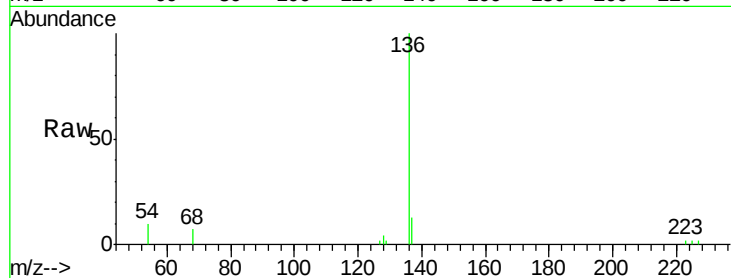
Tot Ion:128 Resp: 206

Ion Ratio Lower Upper

128 100

129 52.7 11.2 16.8#

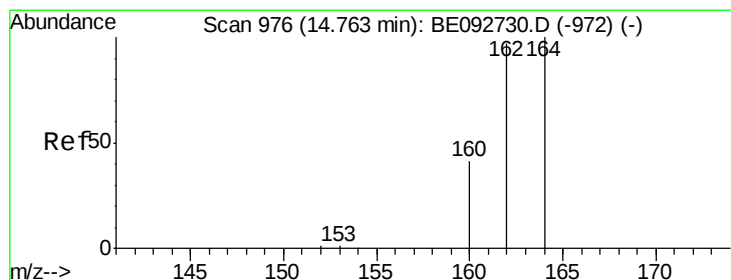
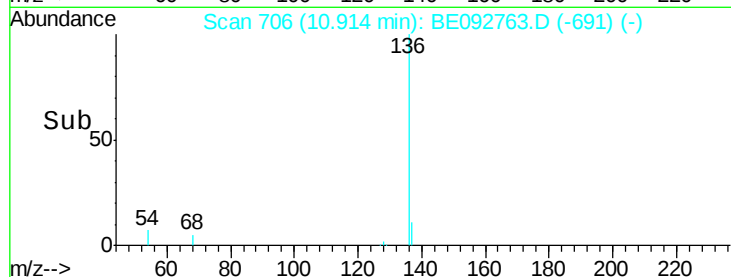
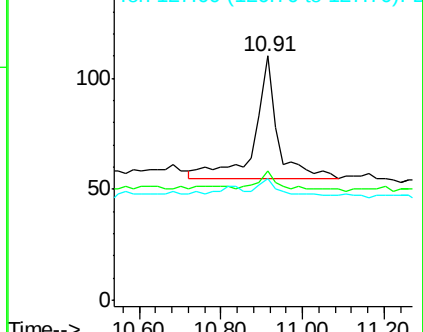
127 50.0 11.6 17.4#



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#12

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.75 min Scan# 976

Delta R.T. -0.01 min

Lab File: BE092763.D

Acq: 28 Feb 2017 15:08

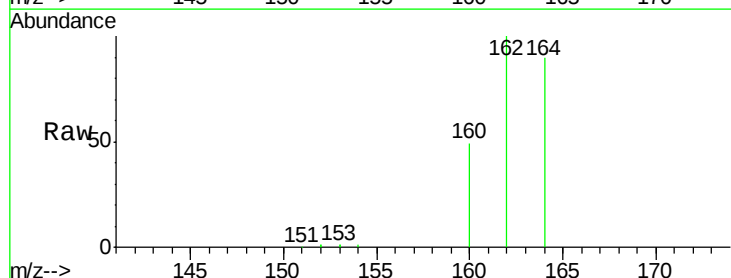
Tgt Ion:164 Resp: 20167

Ion Ratio Lower Upper

164 100

162 111.1 71.4 107.0#

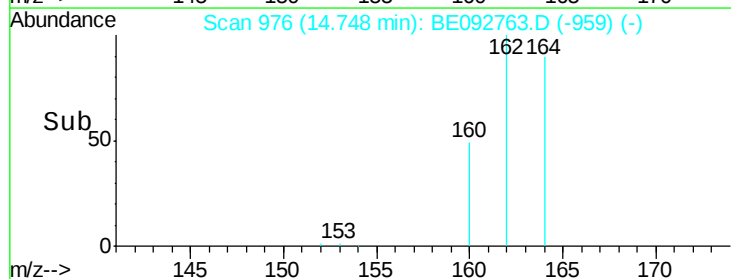
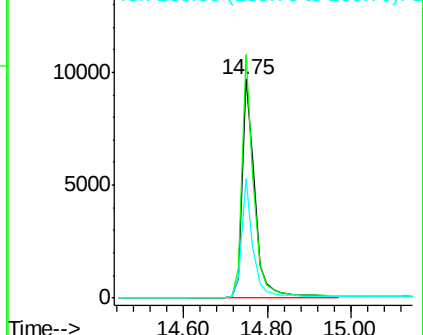
160 54.7 27.4 41.2#

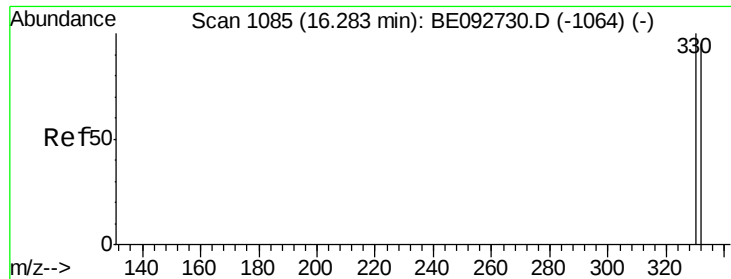


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

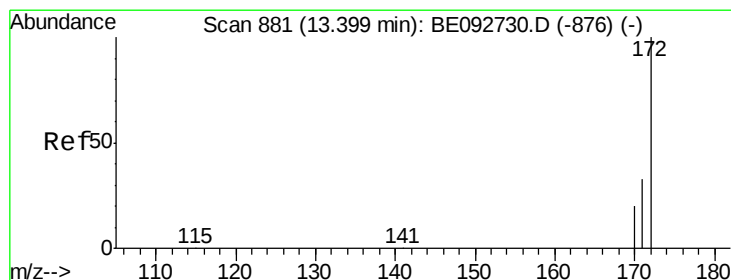
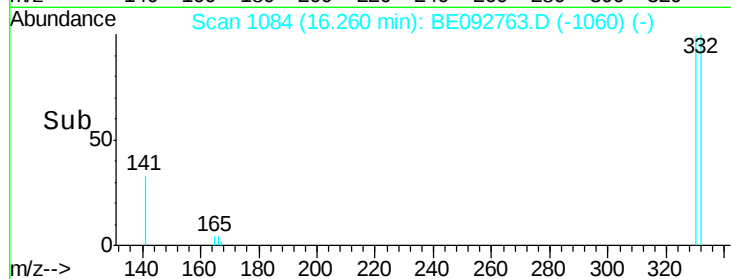
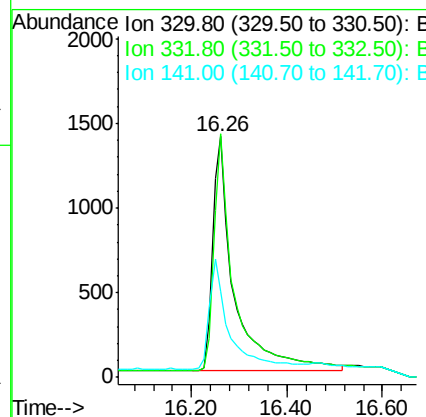
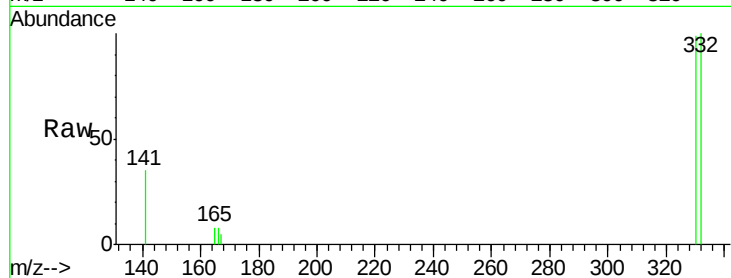




#13
 2,4,6-Tribromophenol
 Concen: 10.15 ng
 RT: 16.26 min Scan# 1084
 Delta R.T. -0.02 min
 Lab File: BE092763.D
 Acq: 28 Feb 2017 15:08

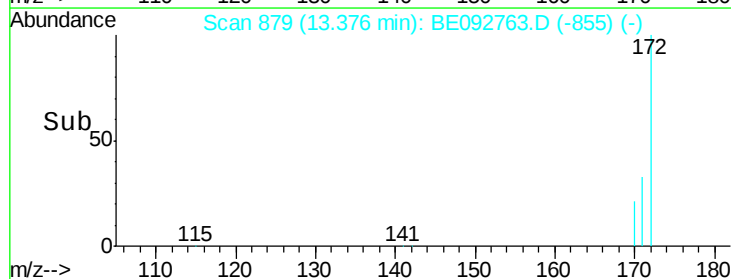
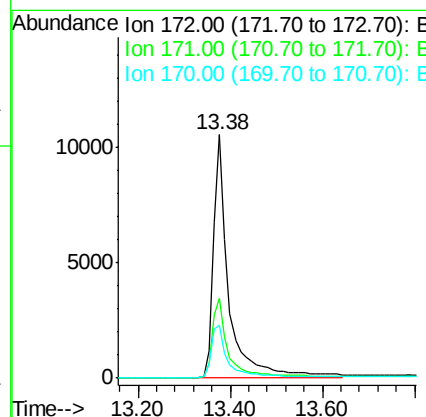
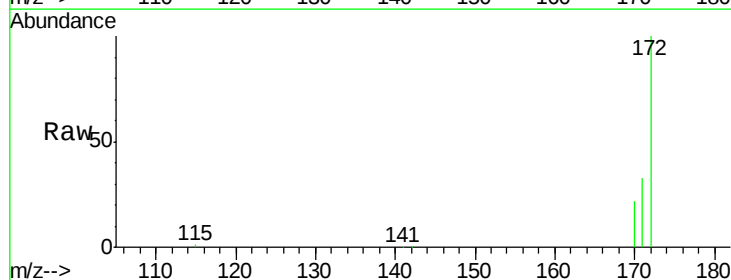
Instrument :
 BNA_E
 ClientSampleId :
 PB97227BL

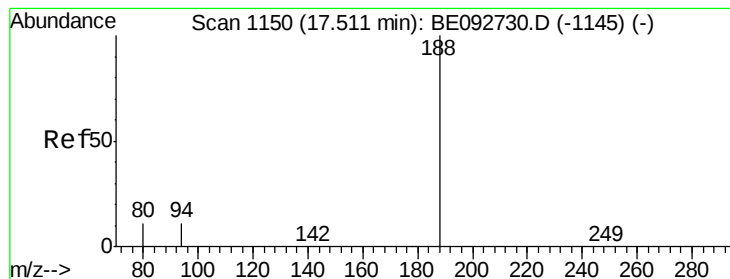
Tot Ion:330 Resp: 4345
 Ion Ratio Lower Upper
 330 100
 332 96.8 75.4 113.0
 141 42.5 31.0 46.6



#14
 2-Fluorobiphenyl
 Concen: 4.98 ng
 RT: 13.38 min Scan# 879
 Delta R.T. -0.02 min
 Lab File: BE092763.D
 Acq: 28 Feb 2017 15:08

Tgt Ion:172 Resp: 24470
 Ion Ratio Lower Upper
 172 100
 171 32.9 30.1 45.1
 170 21.6 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: BE092763.D

Acq: 28 Feb 2017 15:08

Instrument :

BNA_E

ClientSampleId :

PB97227BL

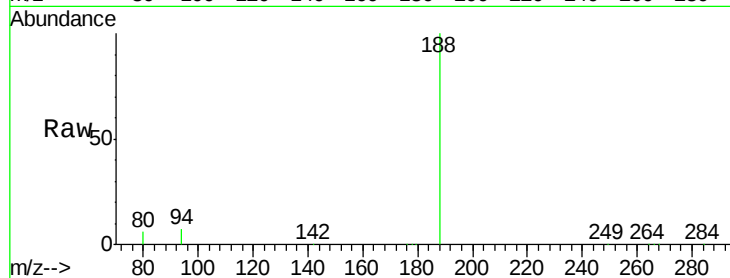
Tot Ion:188 Resp: 48426

Ion Ratio Lower Upper

188 100

94 6.8 3.2 4.8#

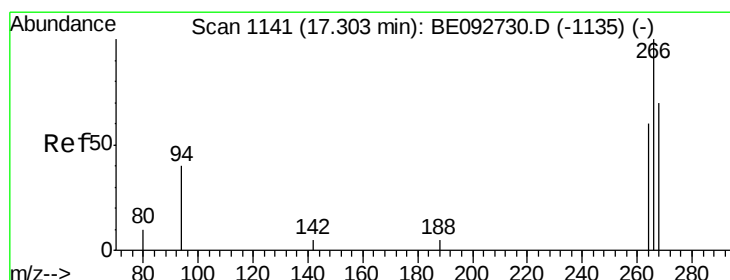
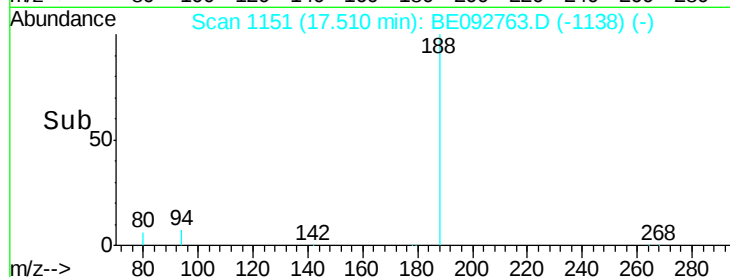
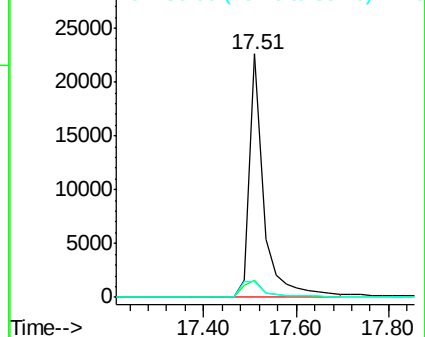
80 6.4 2.6 3.8#



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



#20

Pentachlorophenol

Concen: 0.29 ng

RT: 17.26 min Scan# 1140

Delta R.T. -0.05 min

Lab File: BE092763.D

Acq: 28 Feb 2017 15:08

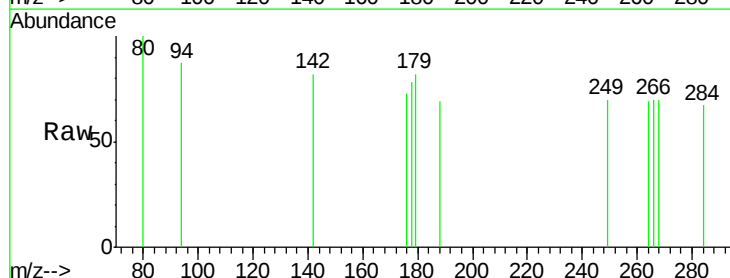
Tgt Ion:266 Resp: 21

Ion Ratio Lower Upper

266 100

268 100.0 62.5 93.7#

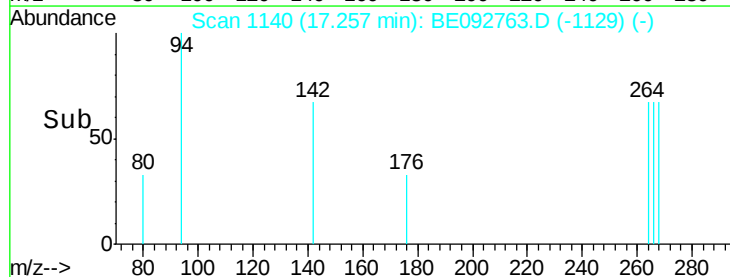
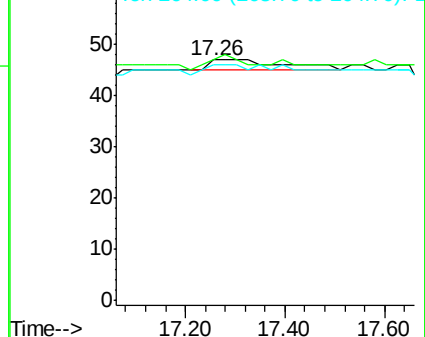
264 97.9 57.2 85.8#

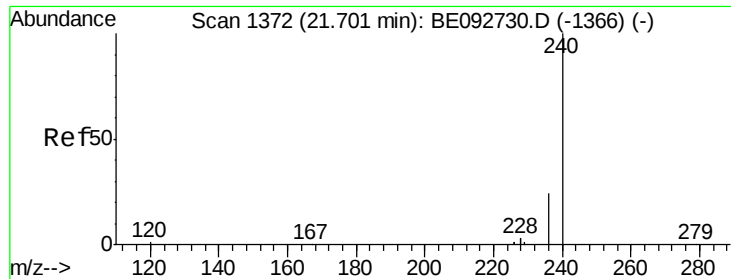


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

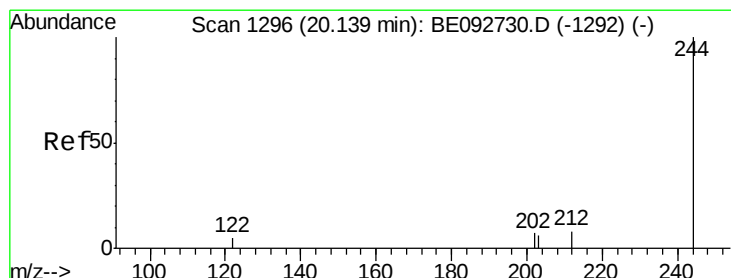
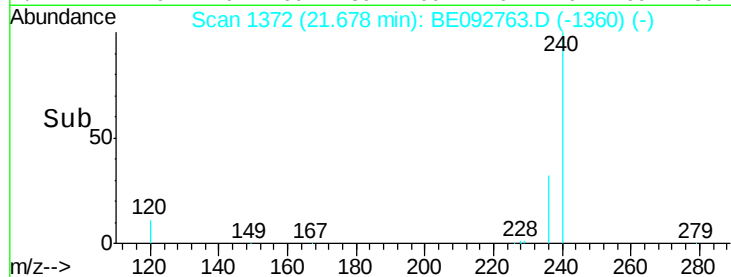
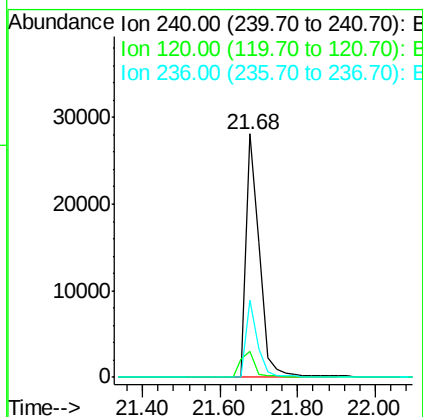
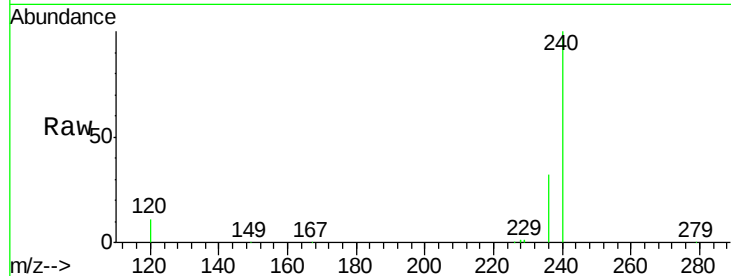




#24
 Chrysene-d12
 Concen: 5.00 ng
 RT: 21.68 min Scan# 1372
 Delta R.T. -0.02 min
 Lab File: BE092763.D
 Acq: 28 Feb 2017 15:08

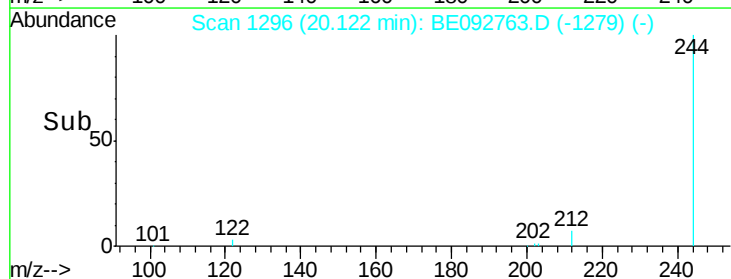
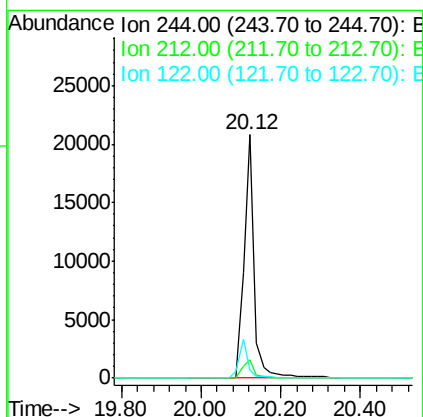
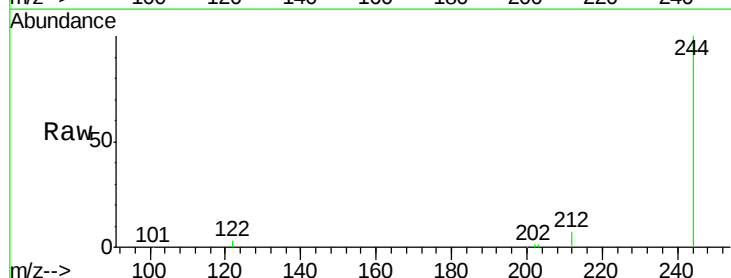
Instrument :
 BNA_E
 ClientSampleId :
 PB97227BL

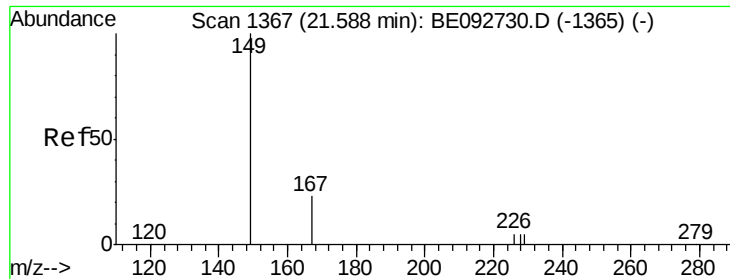
Tot Ion:240 Resp: 65310
 Ion Ratio Lower Upper
 240 100
 120 10.8 2.6 4.0#
 236 31.9 24.6 37.0



#26
 Terphenyl-d14
 Concen: 4.31 ng
 RT: 20.12 min Scan# 1296
 Delta R.T. -0.02 min
 Lab File: BE092763.D
 Acq: 28 Feb 2017 15:08

Tgt Ion:244 Resp: 35942
 Ion Ratio Lower Upper
 244 100
 212 7.4 6.7 10.1
 122 3.5 3.6 5.4#

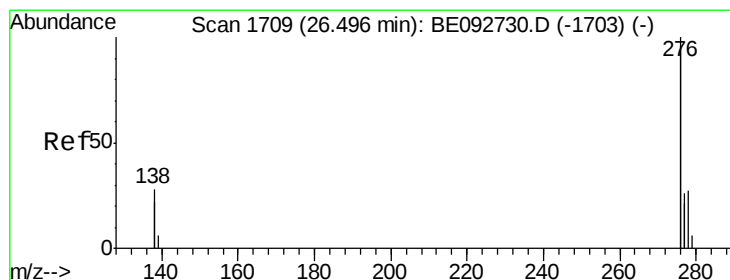
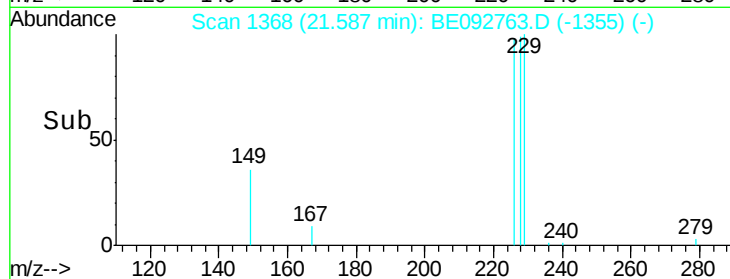
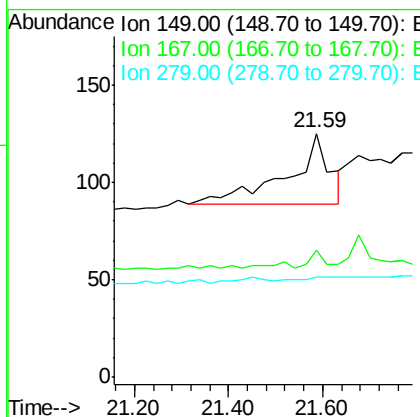
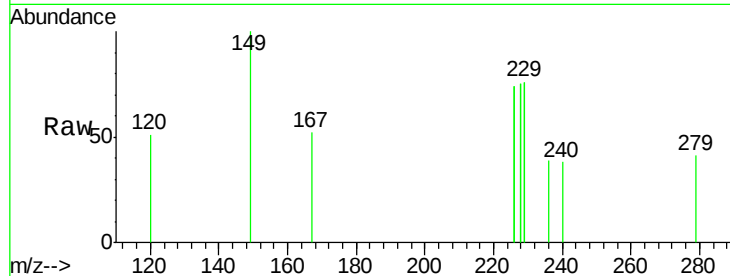




#29
 Bis(2-ethylhexyl)phthalate
 Concen: 0.08 ng
 RT: 21.59 min Scan# 1368
 Delta R.T. 0.00 min
 Lab File: BE092763.D
 Acq: 28 Feb 2017 15:08

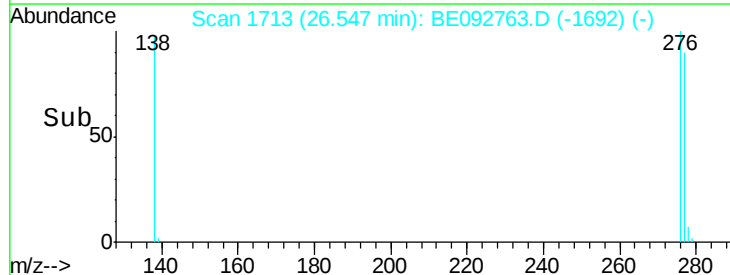
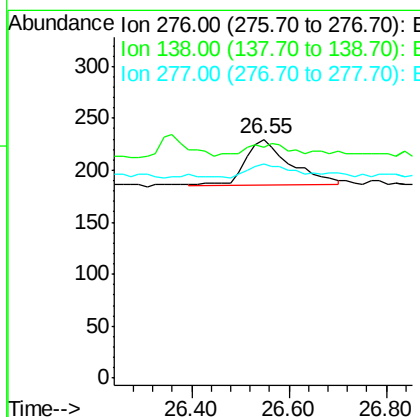
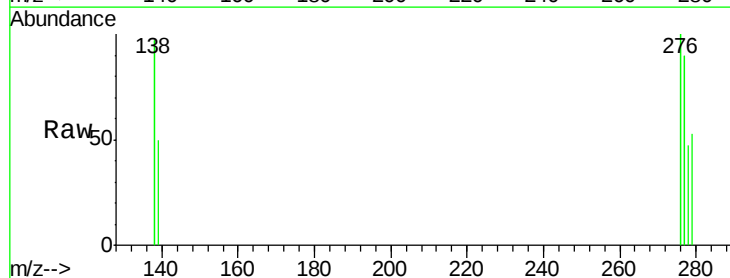
Instrument :
 BNA_E
 ClientSampleId :
 PB97227BL

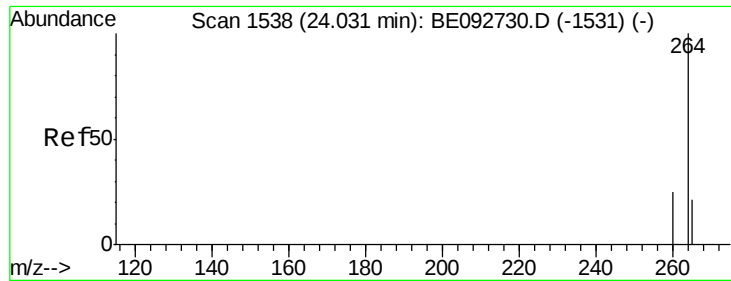
Tot Ion:149 Resp: 224
 Ion Ratio Lower Upper
 149 100
 167 12.1 16.0 24.0#
 279 1.3 16.0 24.0#



#30
 Indeno(1,2,3-cd)pyrene
 Concen: 0.03 ng
 RT: 26.55 min Scan# 1713
 Delta R.T. 0.05 min
 Lab File: BE092763.D
 Acq: 28 Feb 2017 15:08

Tgt Ion:276 Resp: 289
 Ion Ratio Lower Upper
 276 100
 138 16.3 20.3 30.5#
 277 32.5 19.7 29.5#

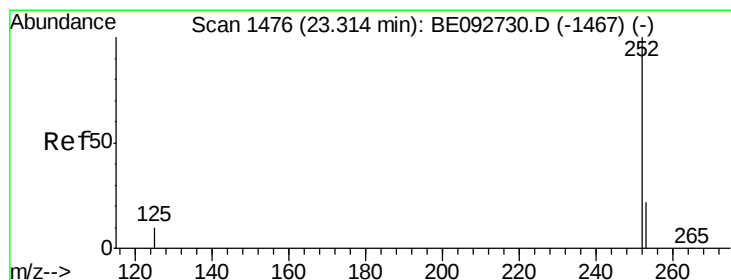
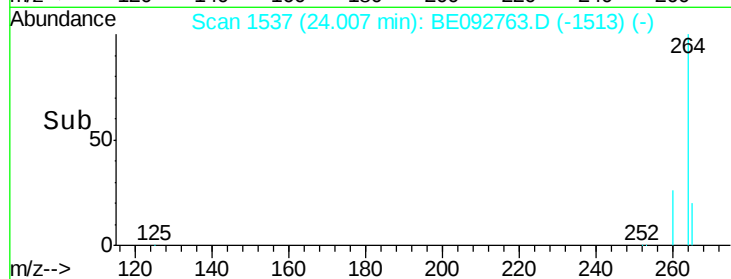
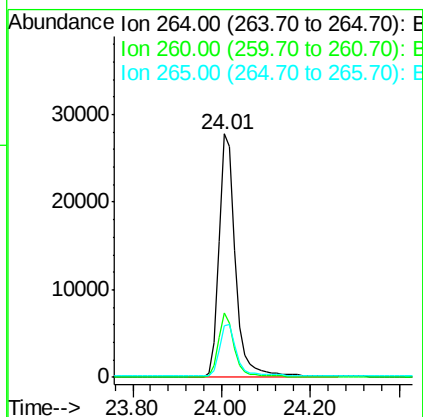
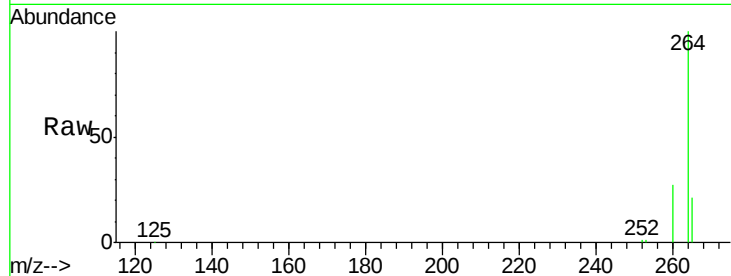




#31
 Pervlene-d12
 Concen: 5.00 ng
 RT: 24.01 min Scan# 1537
 Delta R.T. -0.02 min
 Lab File: BE092763.D
 Acq: 28 Feb 2017 15:08

Instrument :
 BNA_E
 ClientSampleId :
 PB97227BL

Tot Ion:264 Resp: 72018
 Ion Ratio Lower Upper
 264 100
 260 26.5 20.1 30.1
 265 21.0 17.9 26.9



#32
 Benzo(b)fluoranthene
 Concen: 0.04 ng
 RT: 23.30 min Scan# 1476
 Delta R.T. -0.01 min
 Lab File: BE092763.D
 Acq: 28 Feb 2017 15:08

Tgt Ion:252 Resp: 100
 Ion Ratio Lower Upper
 252 100
 253 105.7 18.7 28.1#
 125 83.0 10.5 15.7#

