

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE011917\
 Data File : BE092663.D
 Acq On : 19 Jan 2017 18:49
 Operator : UM/SJ
 Sample : PB96128BL
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB96128BL

Quant Time: Jan 20 01:29:54 2017
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE011617.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 17 10:14:01 2017
 Response via : Initial Calibration

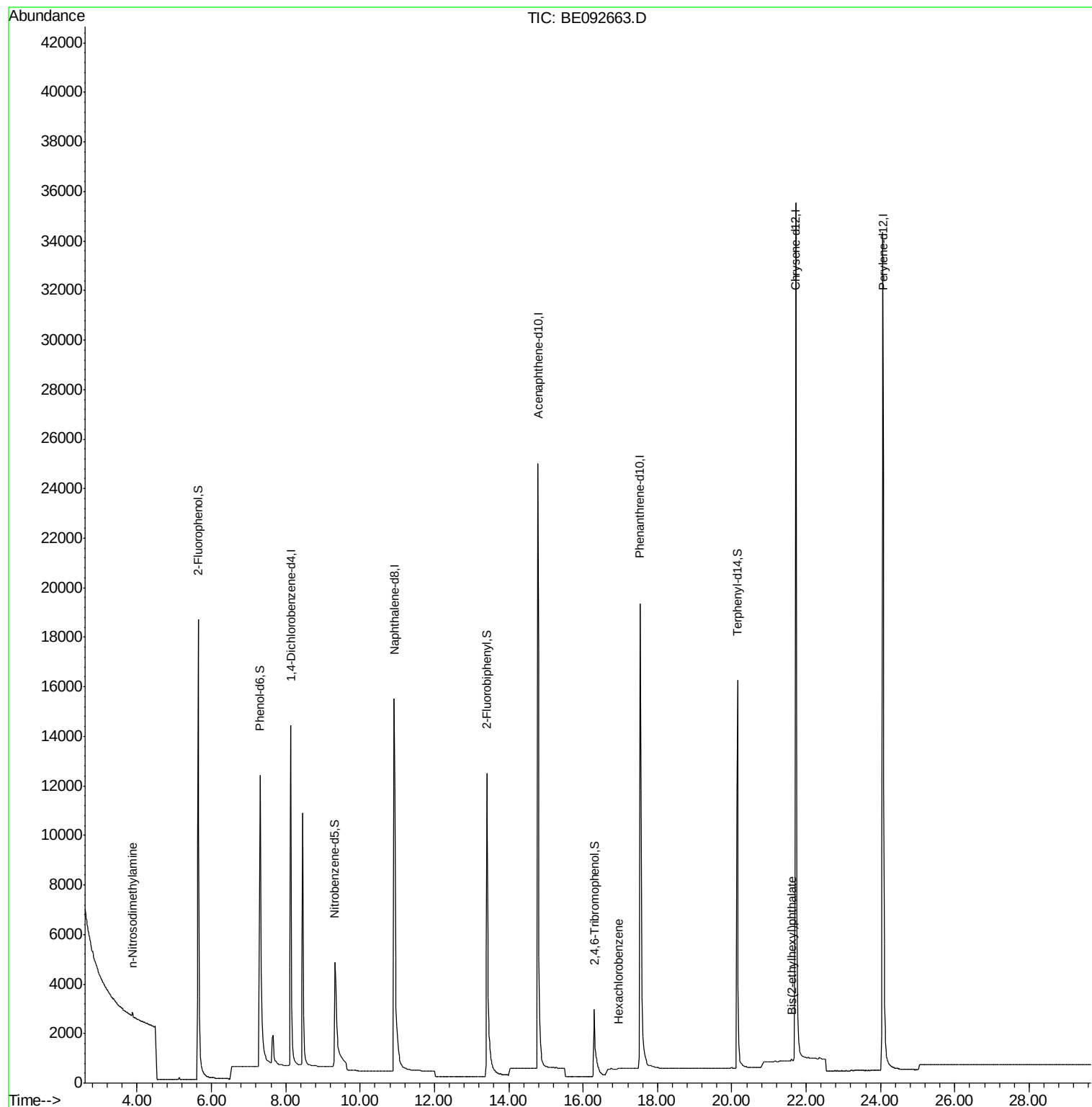
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	9206	5.00	ng	0.00
7) Naphthalene-d8	10.91	136	37237	5.00	ng	0.00
12) Acenaphthene-d10	14.78	164	21567	5.00	ng	0.00
18) Phenanthrene-d10	17.53	188	41421	5.00	ng	0.00
24) Chrysene-d12	21.72	240	49664	5.00	ng	0.00
31) Perylene-d12	24.06	264	56660	5.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.64	112	18319	8.91	ng	-0.01
5) Phenol-d6	7.31	99	21281	8.45	ng	-0.02
8) Nitrobenzene-d5	9.32	82	9373	3.88	ng	-0.02
13) 2,4,6-Tribromophenol	16.29	330	4291	6.76	ng	0.00
14) 2-Fluorobiphenyl	13.41	172	21882	4.13	ng	-0.01
26) Terphenyl-d14	20.16	244	27426	3.91	ng	0.00
Target Compounds						
3) n-Nitrosodimethylamine	3.87	42	83	0.05	ng	# 2
19) Hexachlorobenzene	16.96	284	1202	0.81	ng	# 39
29) Bis(2-ethylhexyl)phthalate	21.61	149	156	0.22	ng	# 70

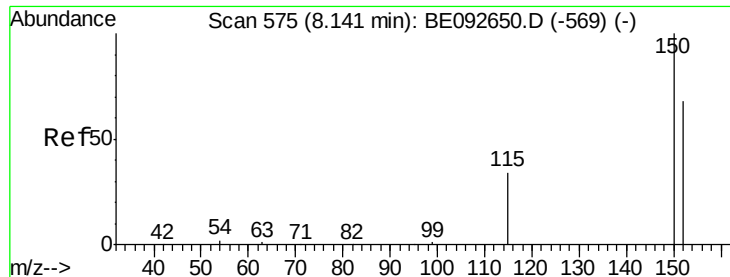
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 8.14 min Scan# 575

Delta R.T. -0.00 min

Lab File: BE092663.D

Acq: 19 Jan 2017 18:49

Instrument :

BNA_E

ClientSampleId :

PB96128BL

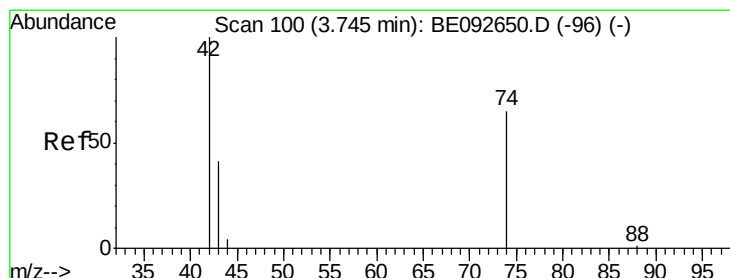
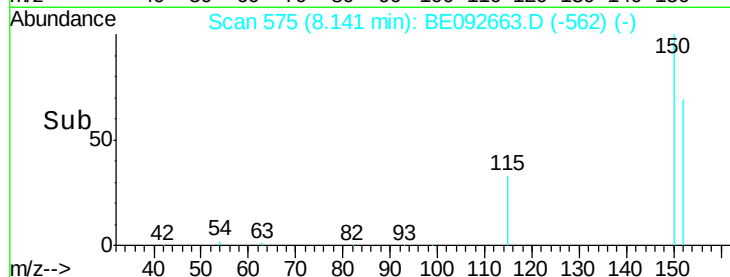
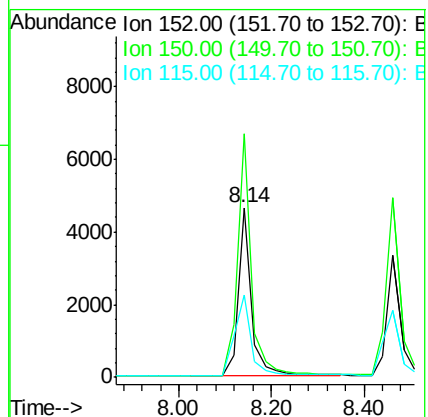
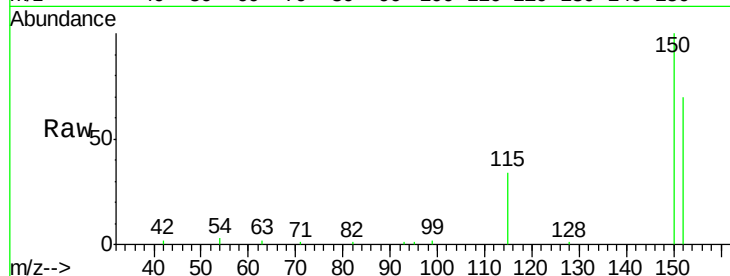
Tgt Ion:152 Resp: 9206

Ion Ratio Lower Upper

152 100

150 143.6 106.0 159.0

115 48.4 31.2 46.8#



#3

n-Nitrosodimethylamine

Concen: 0.05 ng

RT: 3.87 min Scan# 111

Delta R.T. 0.13 min

Lab File: BE092663.D

Acq: 19 Jan 2017 18:49

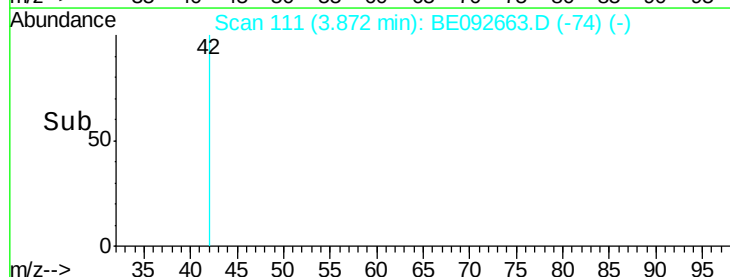
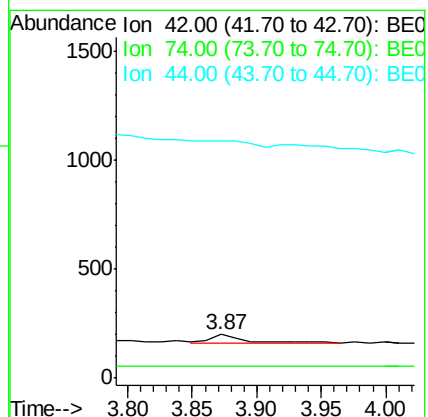
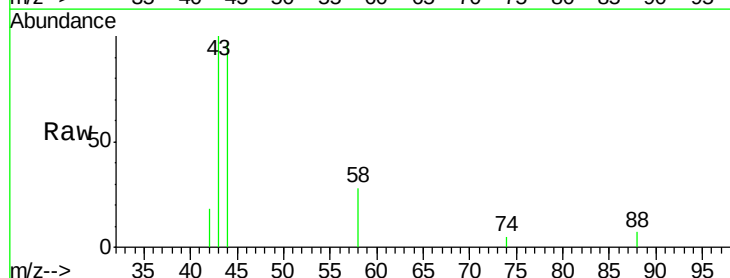
Tgt Ion: 42 Resp: 83

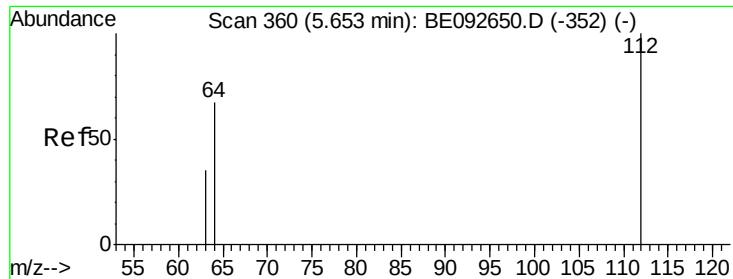
Ion Ratio Lower Upper

42 100

74 0.0 86.0 129.0#

44 0.0 5.1 7.7#





#4

2-Fluorophenol

Concen: 8.91 ng

RT: 5.64 min Scan# 358

Delta R.T. -0.01 min

Lab File: BE092663.D

Acq: 19 Jan 2017 18:49

Instrument :

BNA_E

ClientSampleId :

PB96128BL

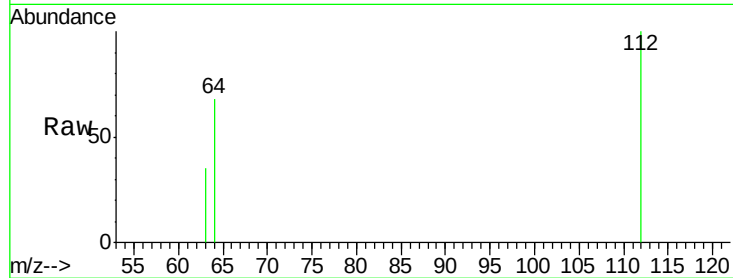
Tgt Ion: 112 Resp: 18319

Ion Ratio Lower Upper

112 100

64 68.7 53.5 80.3

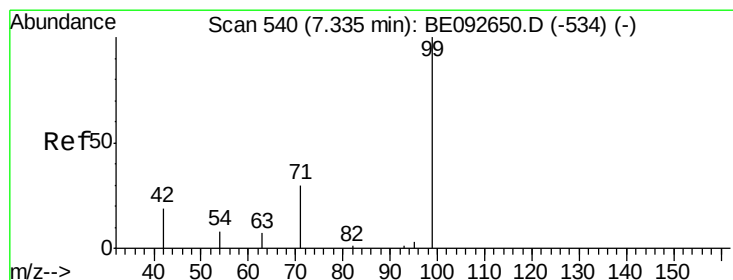
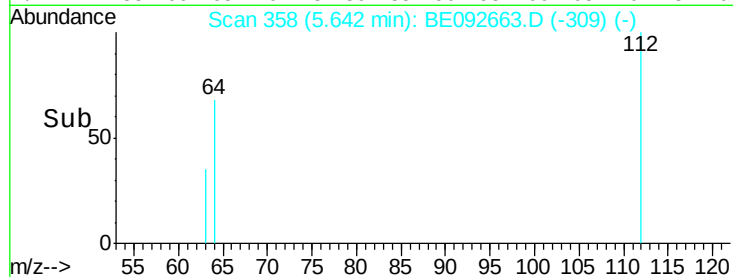
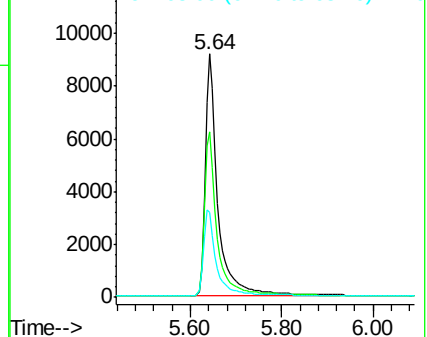
63 36.9 27.9 41.9



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: 8.45 ng

RT: 7.31 min Scan# 539

Delta R.T. -0.02 min

Lab File: BE092663.D

Acq: 19 Jan 2017 18:49

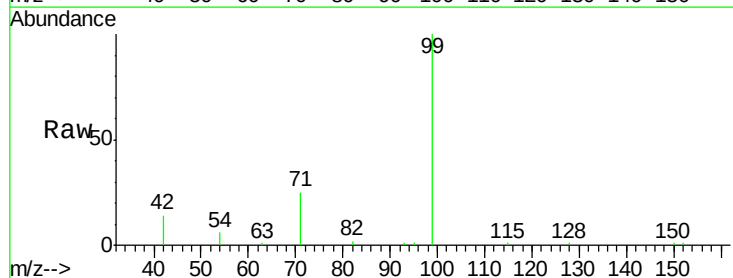
Tgt Ion: 99 Resp: 21281

Ion Ratio Lower Upper

99 100

42 0.0 16.0 24.0#

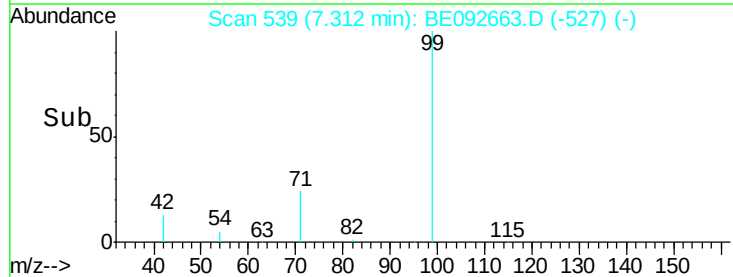
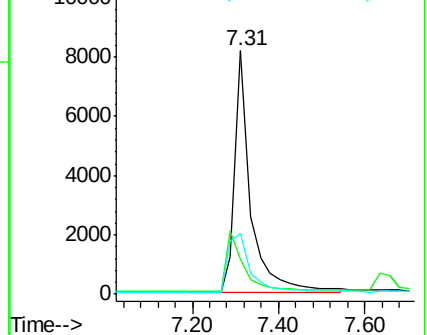
71 35.2 30.6 45.8

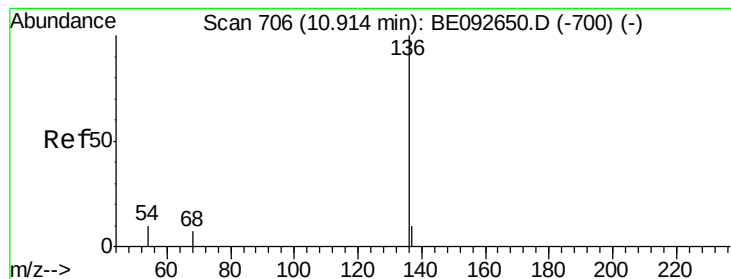


Abundance Ion 99.00 (98.70 to 99.70): BE0

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: 10.91 min Scan# 706

Delta R.T. -0.00 min

Lab File: BE092663.D

Acq: 19 Jan 2017 18:49

Instrument :

BNA_E

ClientSampleId :

PB96128BL

Tgt Ion:136 Resp: 37237

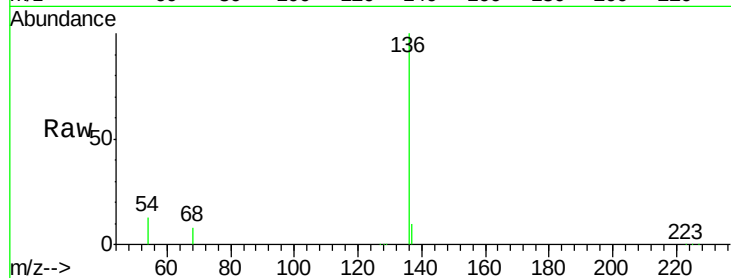
Ion Ratio Lower Upper

136 100

137 10.5 8.2 12.4

54 12.6 9.6 14.4

68 8.2 6.7 10.1

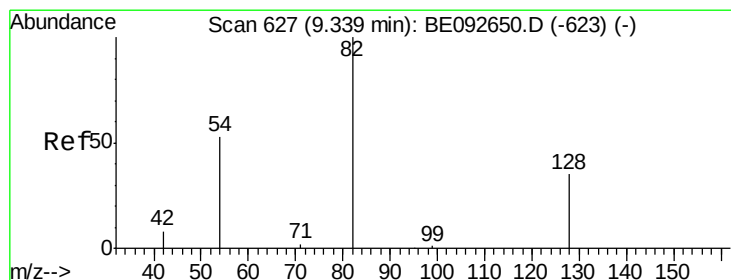
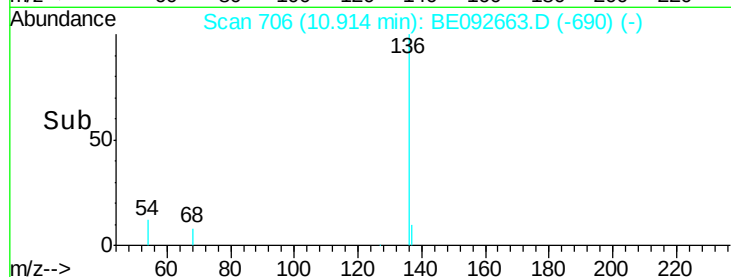
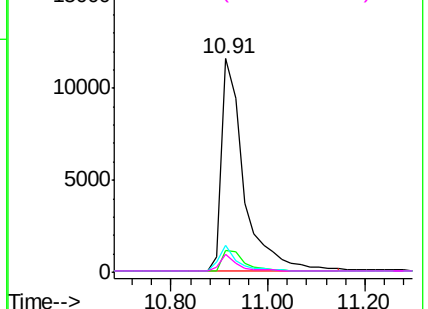


Abundance Ion 136.00 (135.70 to 136.70): E

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: 3.88 ng

RT: 9.32 min Scan# 626

Delta R.T. -0.02 min

Lab File: BE092663.D

Acq: 19 Jan 2017 18:49

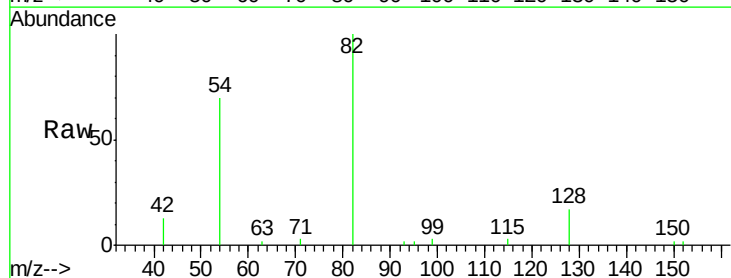
Tgt Ion: 82 Resp: 9373

Ion Ratio Lower Upper

82 100

128 16.7 39.0 58.4#

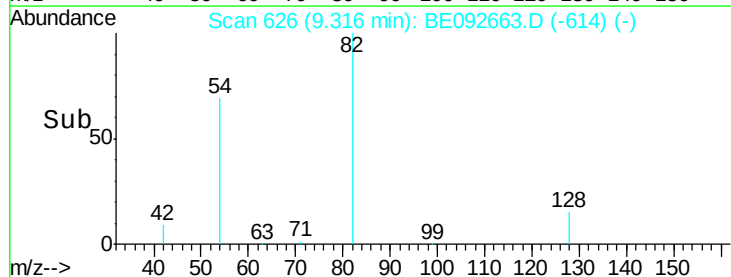
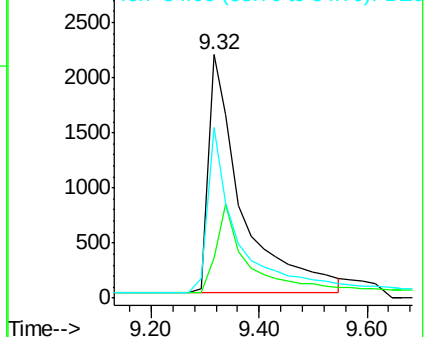
54 70.3 44.8 67.2#

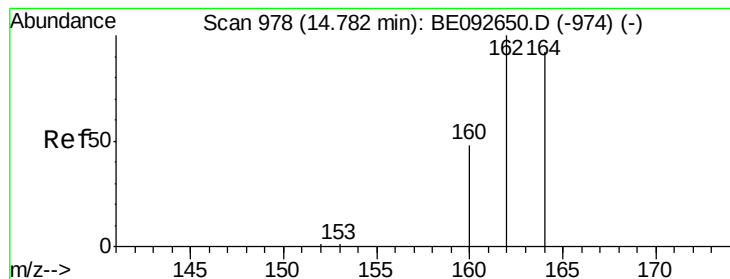


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#12

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.78 min Scan# 978

Delta R.T. 0.00 min

Lab File: BE092663.D

Acq: 19 Jan 2017 18:49

Instrument :

BNA_E

ClientSampleId :

PB96128BL

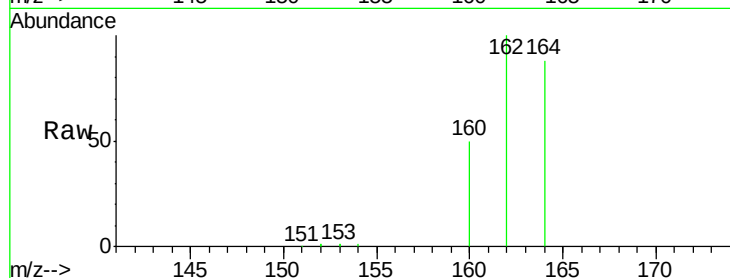
Tgt Ion:164 Resp: 21567

Ion Ratio Lower Upper

164 100

162 113.2 71.4 107.0#

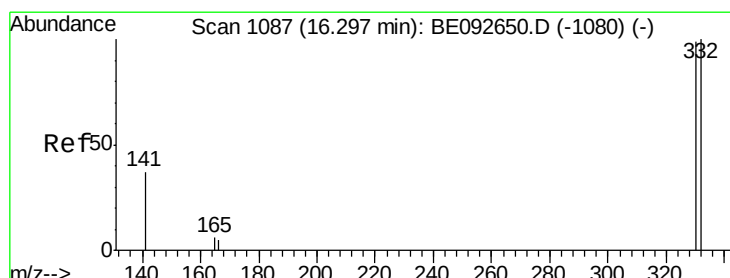
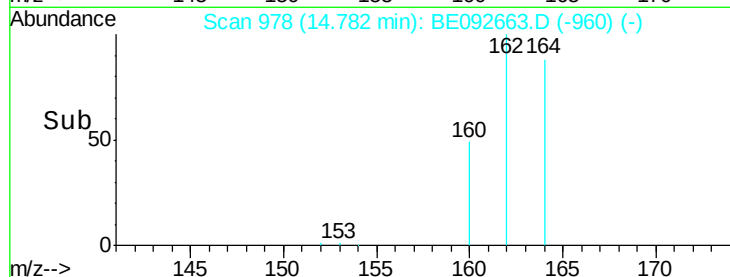
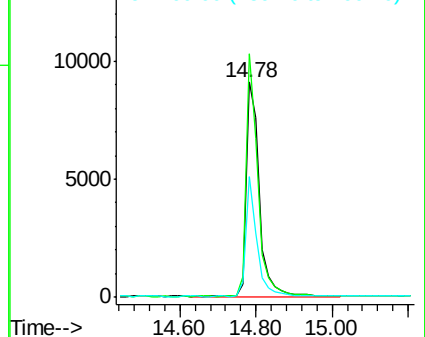
160 56.1 27.4 41.2#



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: 6.76 ng

RT: 16.29 min Scan# 1087

Delta R.T. -0.00 min

Lab File: BE092663.D

Acq: 19 Jan 2017 18:49

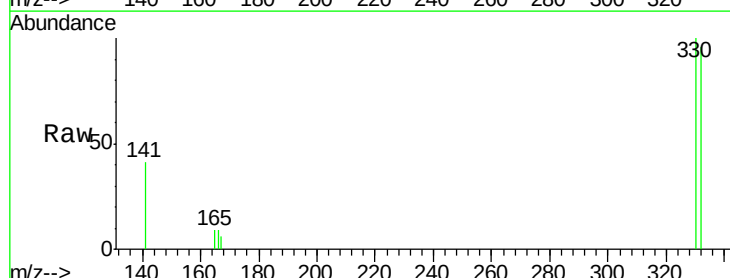
Tgt Ion:330 Resp: 4291

Ion Ratio Lower Upper

330 100

332 96.3 75.4 113.0

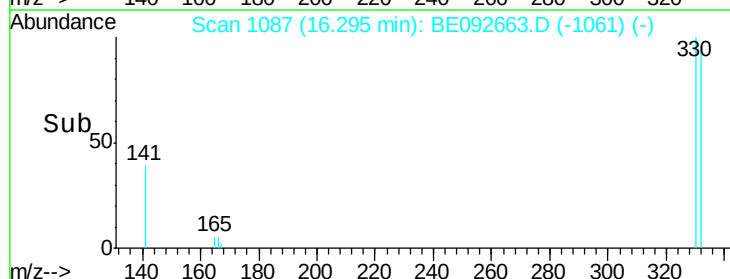
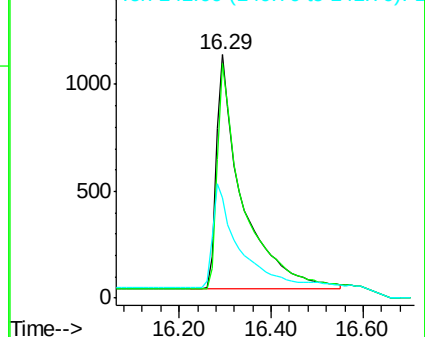
141 44.3 31.0 46.6

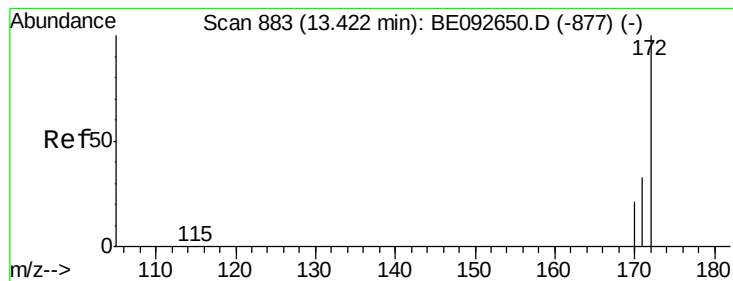


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#14

2-Fluorobiphenyl

Concen: 4.13 ng

RT: 13.41 min Scan# 882

Delta R.T. -0.01 min

Lab File: BE092663.D

Acq: 19 Jan 2017 18:49

Instrument :

BNA_E

ClientSampleId :

PB96128BL

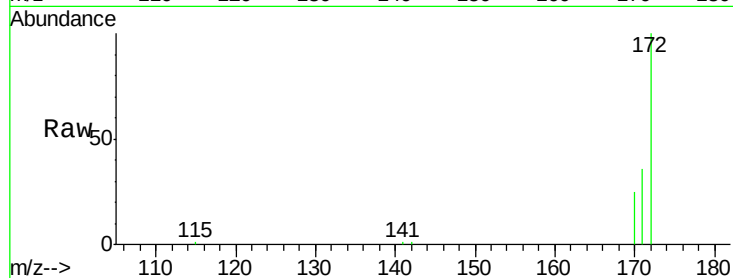
Tgt Ion:172 Resp: 21882

Ion Ratio Lower Upper

172 100

171 35.9 30.1 45.1

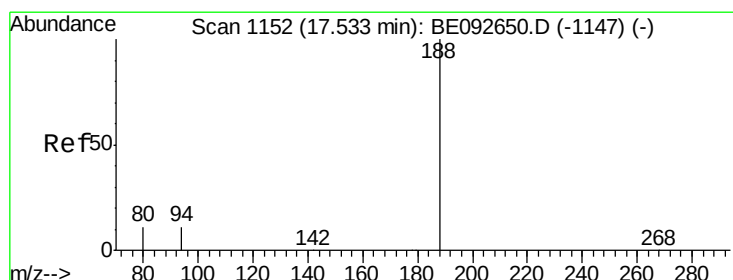
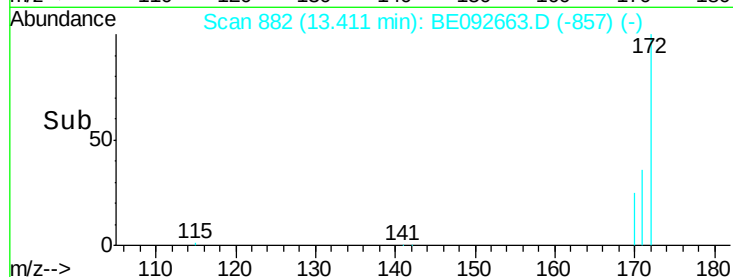
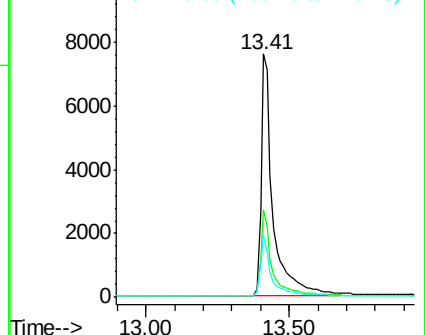
170 25.5 21.8 32.6



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



#18

Phenanthrene-d10

Concen: 5.00 ng

RT: 17.53 min Scan# 1152

Delta R.T. 0.00 min

Lab File: BE092663.D

Acq: 19 Jan 2017 18:49

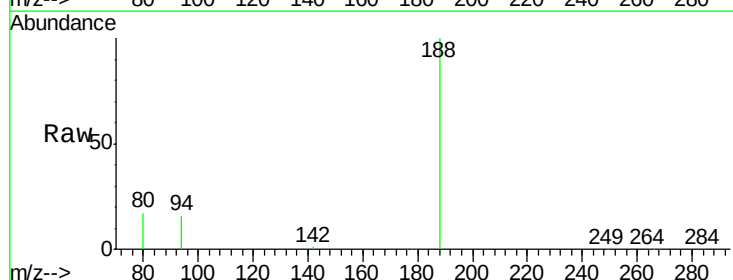
Tgt Ion:188 Resp: 41421

Ion Ratio Lower Upper

188 100

94 16.1 3.2 4.8#

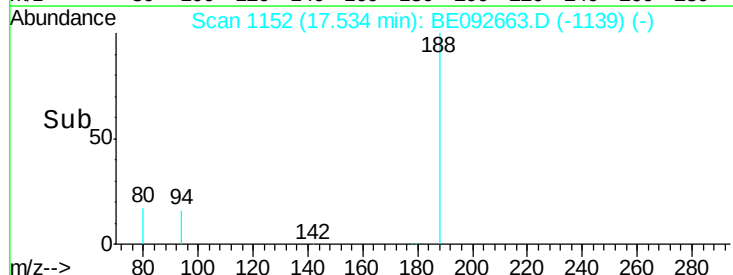
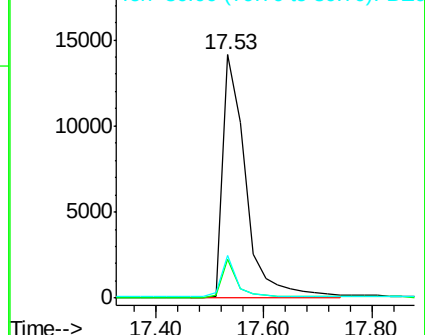
80 17.4 2.6 3.8#

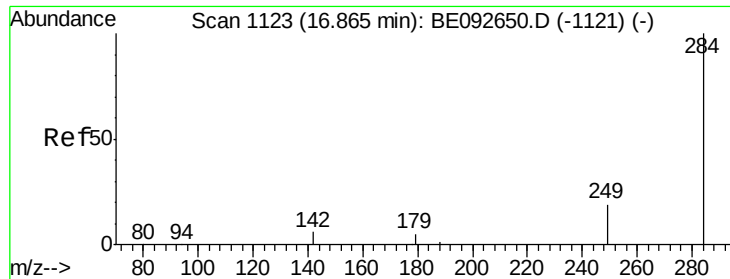


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE0

Ion 80.00 (79.70 to 80.70): BE0





#19

Hexachlorobenzene

Concen: 0.81 ng

RT: 16.96 min Scan# 1127

Delta R.T. 0.09 min

Lab File: BE092663.D

Acq: 19 Jan 2017 18:49

Instrument :

BNA_E

ClientSampleId :

PB96128BL

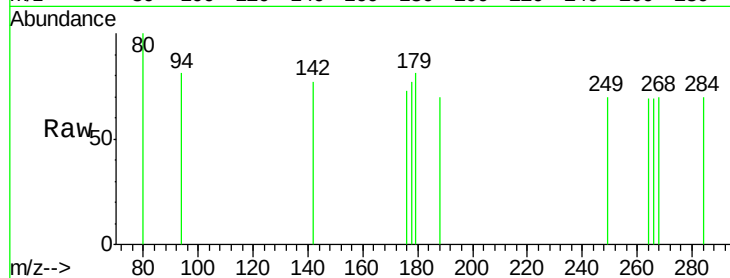
Tgt Ion: 284 Resp: 1202

Ion Ratio Lower Upper

284 100

142 0.0 29.1 43.7#

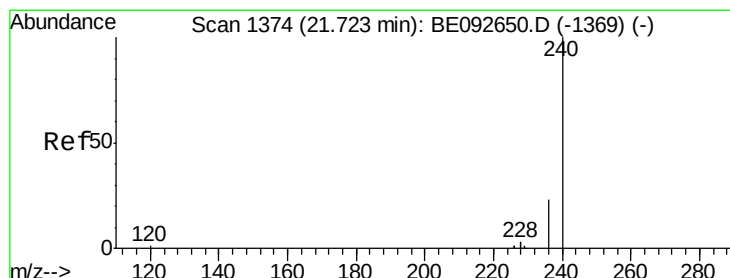
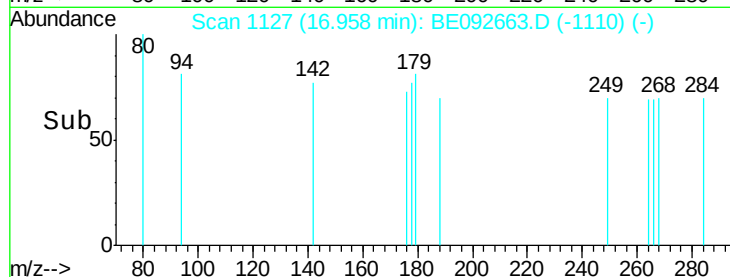
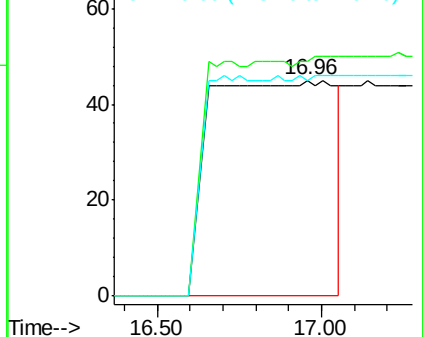
249 0.0 27.9 41.9#



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#24

Chrysene-d12

Concen: 5.00 ng

RT: 21.72 min Scan# 1374

Delta R.T. -0.00 min

Lab File: BE092663.D

Acq: 19 Jan 2017 18:49

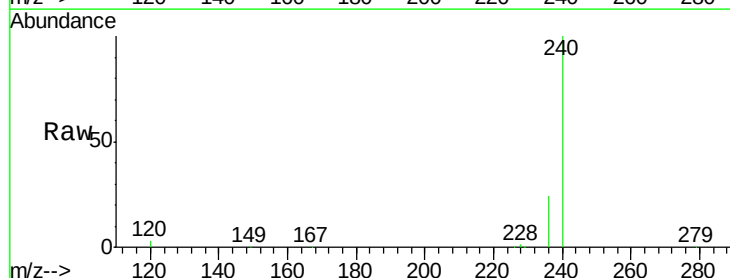
Tgt Ion: 240 Resp: 49664

Ion Ratio Lower Upper

240 100

120 2.6 2.6 4.0#

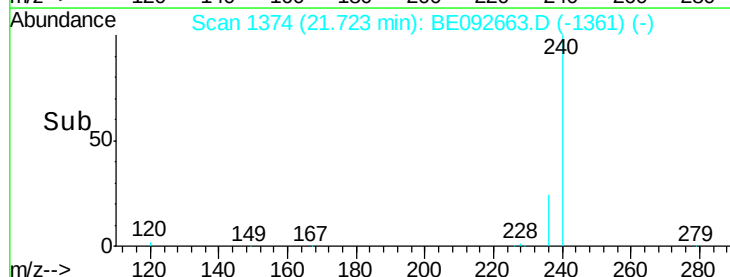
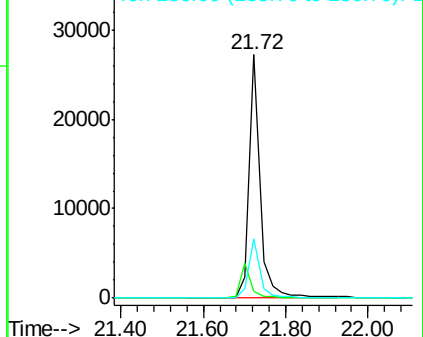
236 24.2 24.6 37.0#

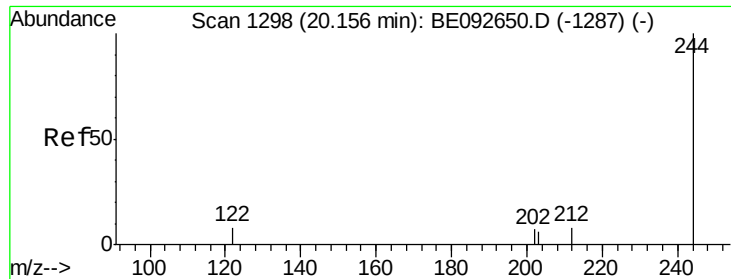


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

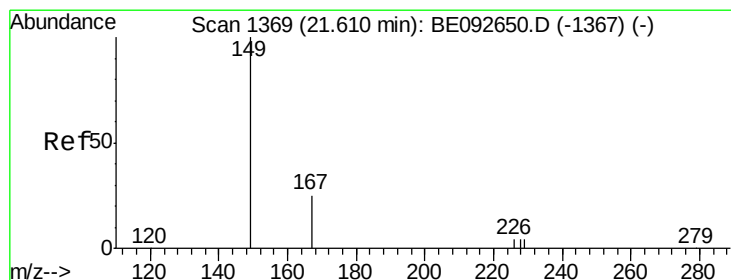
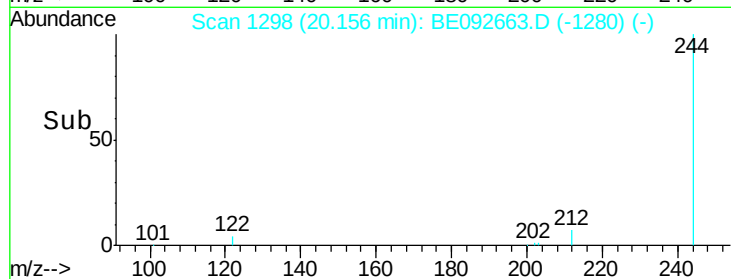
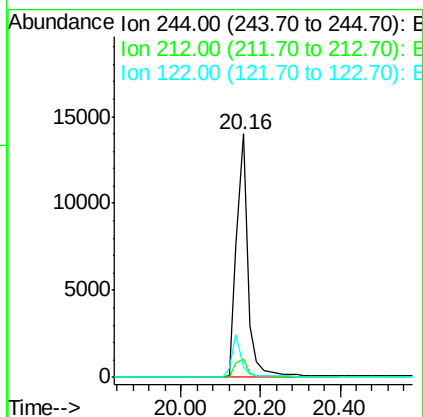
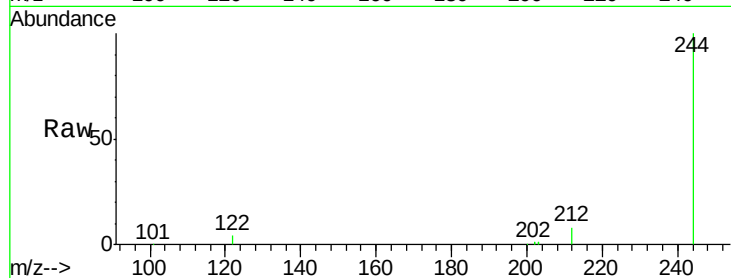




#26
 Terphenyl-d14
 Concen: 3.91 ng
 RT: 20.16 min Scan# 1298
 Delta R.T. 0.00 min
 Lab File: BE092663.D
 Acq: 19 Jan 2017 18:49

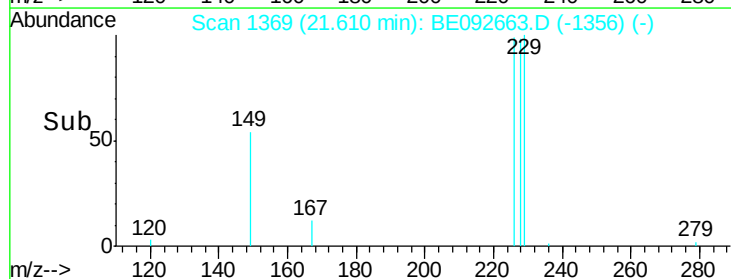
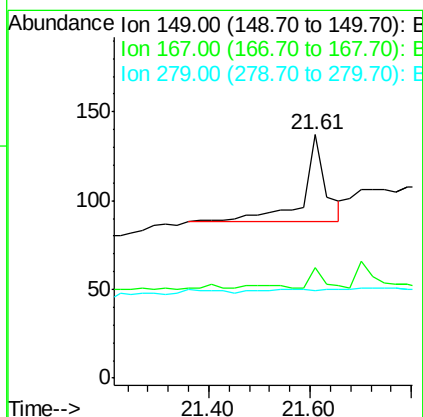
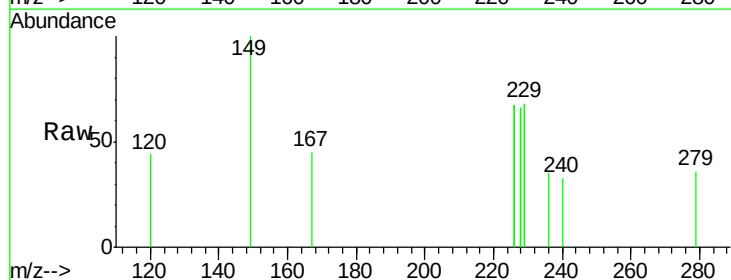
Instrument :
 BNA_E
 ClientSampleId :
 PB96128BL

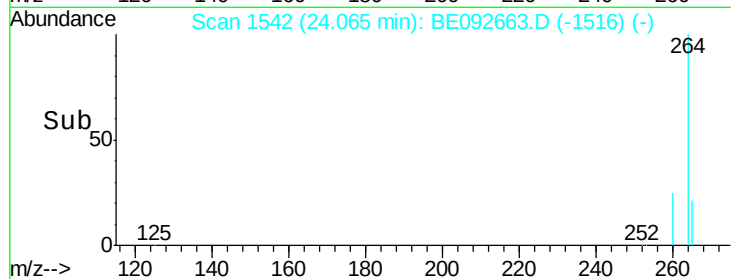
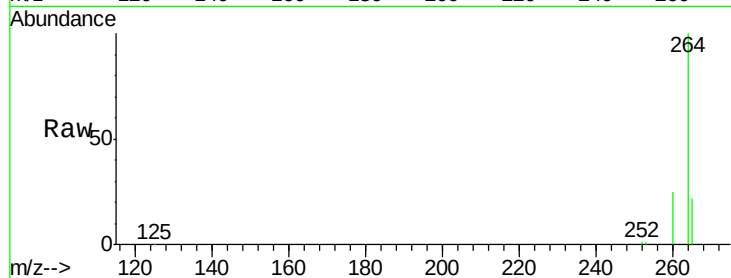
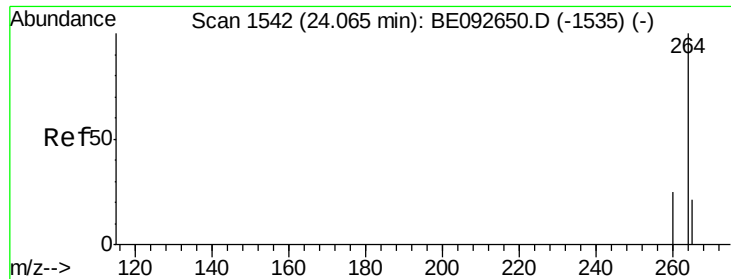
Tgt Ion: 244 Resp: 27426
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.7 10.1
 122 4.3 3.6 5.4



#29
 Bis(2-ethylhexyl)phthalate
 Concen: 0.22 ng
 RT: 21.61 min Scan# 1369
 Delta R.T. -0.00 min
 Lab File: BE092663.D
 Acq: 19 Jan 2017 18:49

Tgt Ion: 149 Resp: 156
 Ion Ratio Lower Upper
 149 100
 167 12.2 16.0 24.0#
 279 0.0 16.0 24.0#





#31

Perylene-d12

Concen: 5.00 ng

RT: 24.06 min Scan# 1542

Delta R.T. -0.00 min

Lab File: BE092663.D

Acq: 19 Jan 2017 18:49

Instrument :

BNA_E

ClientSampleId :

PB96128BL

Tgt Ion: 264 Resp: 56660

Ion Ratio Lower Upper

264 100

260 24.8 20.1 30.1

265 21.8 17.9 26.9

