

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 02:12:52 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

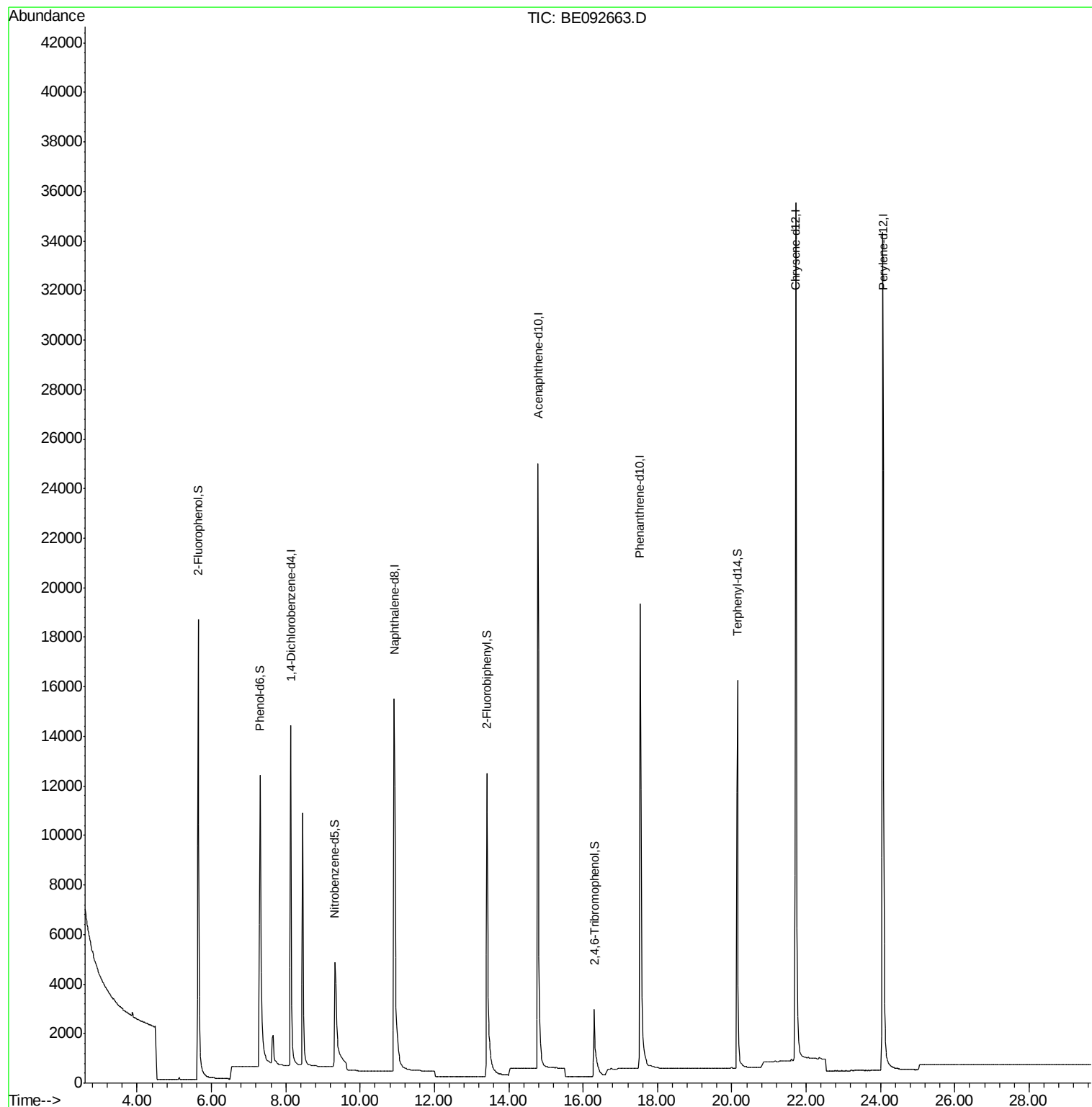
Target Compounds Qvalue

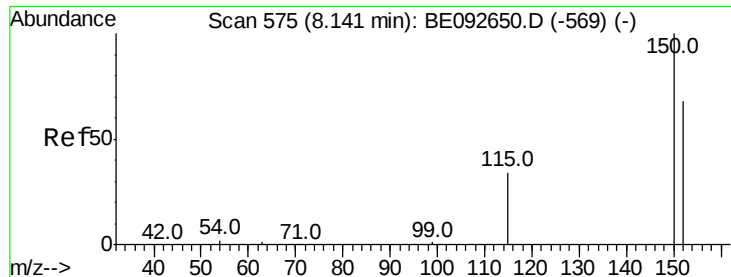
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 8.14 min Scan# 575

Delta R.T. -0.00 min

Lab File: BE092663.D

Acq: 19 Jan 2017 18:49

Instrument :

BNA_E

ClientSampleId :

PB96128BL

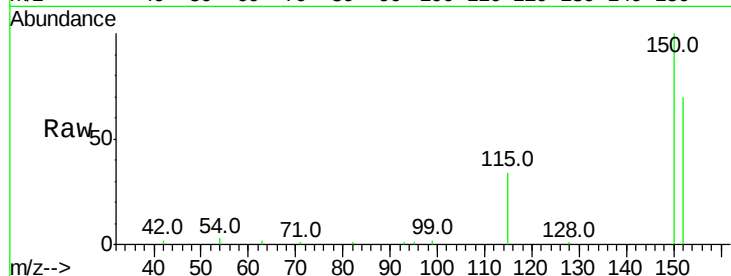
Tot Ion:152 Resp: 9206

Ion Ratio Lower Upper

152 100

150 143.6 106.0 159.0

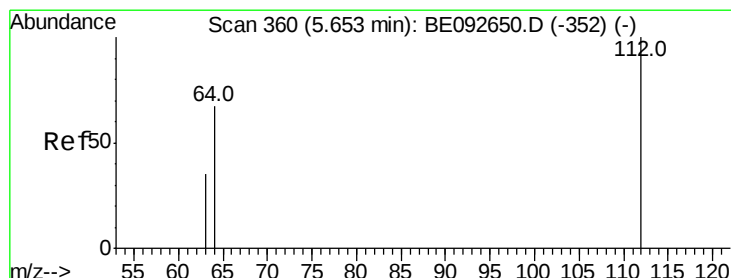
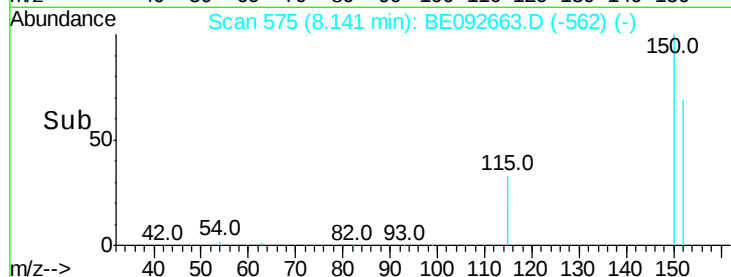
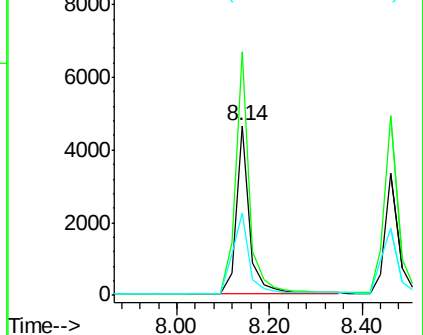
115 48.4 31.2 46.8#



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: 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

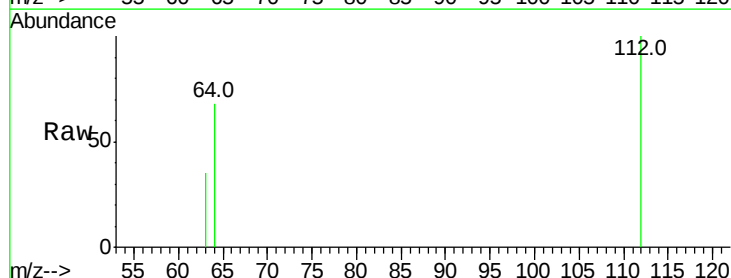
Tgt Ion:112 Resp: 18319

Ion Ratio Lower Upper

112 100

64 68.7 53.5 80.3

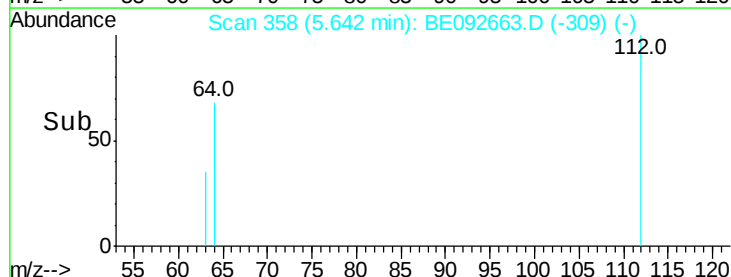
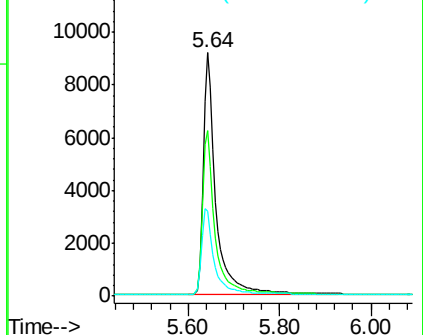
63 36.9 27.9 41.9

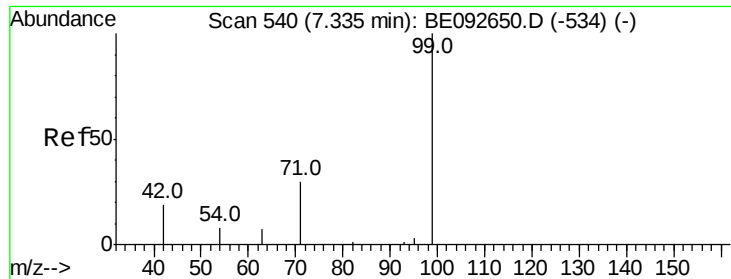


Abundance Ion 112.00 (111.70 to 112.70): E

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

Instrument :

BNA_E

ClientSampled :

PB96128BL

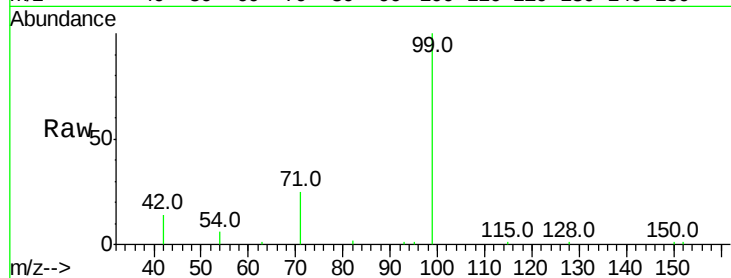
Tot Ion: 99 Resp: 21281

Ion Ratio Lower Upper

99 100

42 0.0 16.0 24.0#

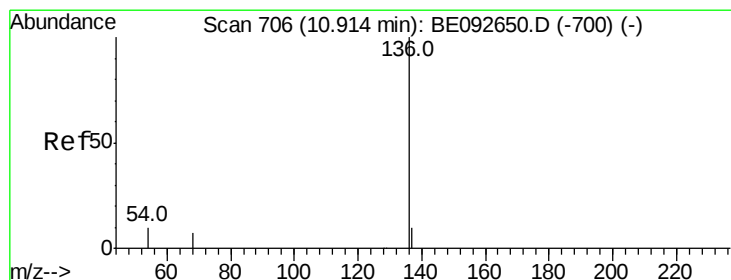
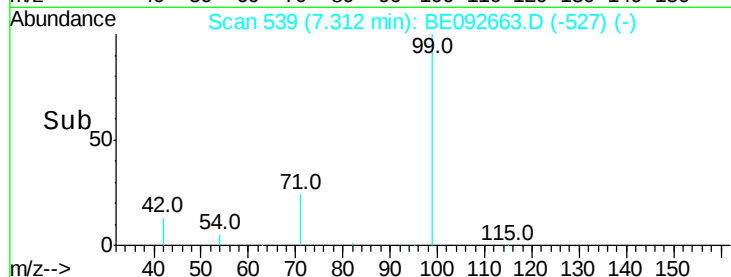
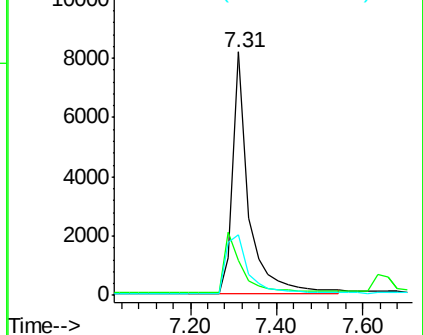
71 35.2 30.6 45.8



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

Tgt Ion: 136 Resp: 37237

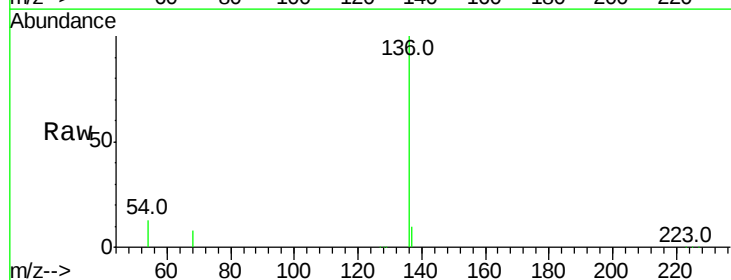
Ion Ratio Lower Upper

136 100

137 10.5 8.2 12.4

54 12.6 9.6 14.4

68 8.2 6.7 10.1

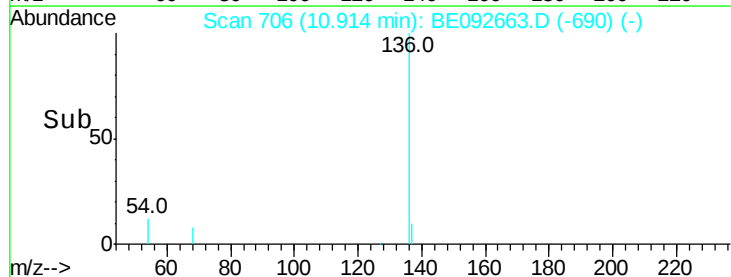
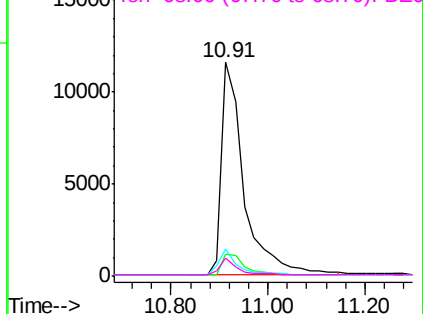


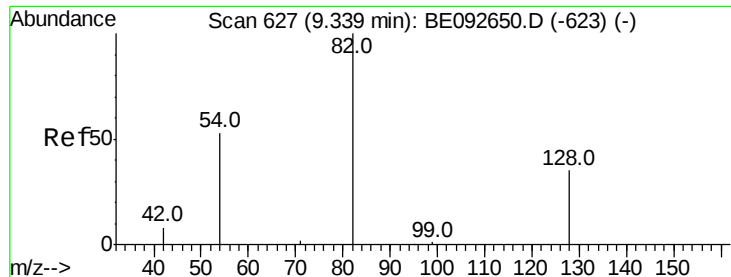
Abundance Ion 136.00 (135.70 to 136.70): E

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

Instrument :

BNA_E

ClientSampleId :

PB96128BL

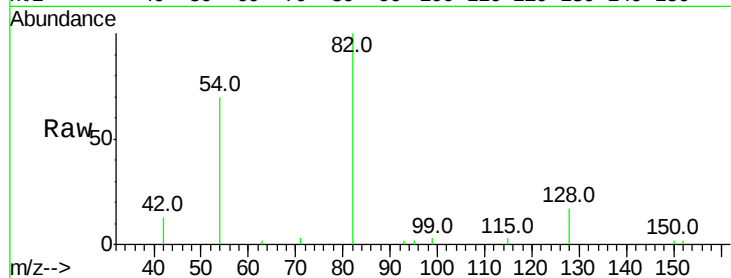
Tot Ion: 82 Resp: 9373

Ion Ratio Lower Upper

82 100

128 16.7 39.0 58.4#

54 70.3 44.8 67.2#



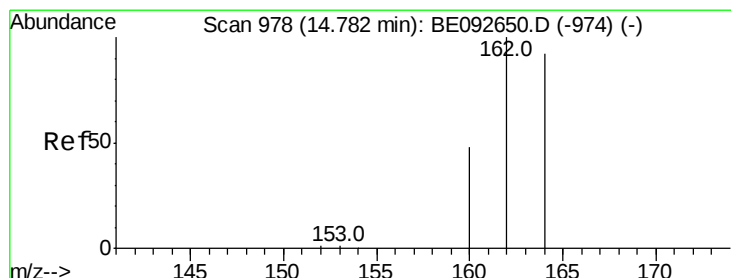
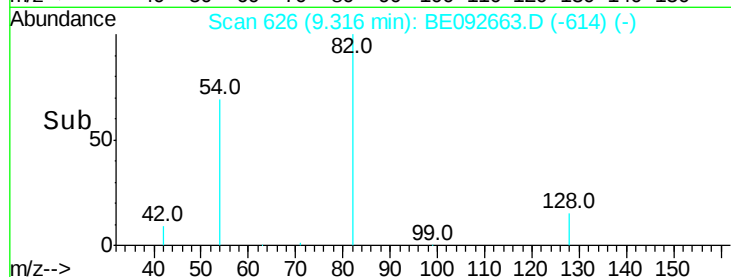
Abundance Ion 82.00 (81.70 to 82.70): BE092650.D (-623) (-)

Ion 128.00 (127.70 to 128.70): BE092650.D (-623) (-)

Ion 54.00 (53.70 to 54.70): BE092650.D (-623) (-)

9.32

Time-->



#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

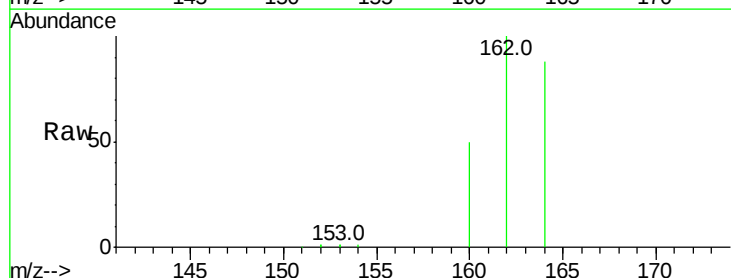
Tgt Ion: 164 Resp: 21567

Ion Ratio Lower Upper

164 100

162 113.2 71.4 107.0#

160 56.1 27.4 41.2#



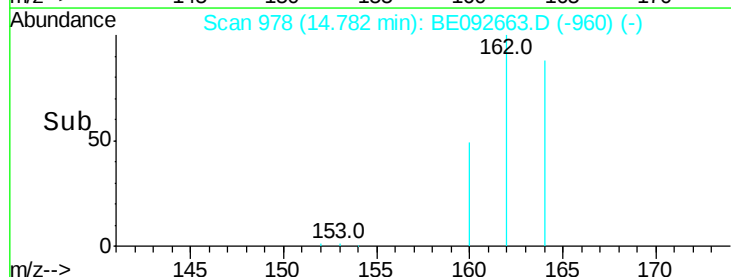
Abundance Ion 164.00 (163.70 to 164.70): BE092650.D (-974) (-)

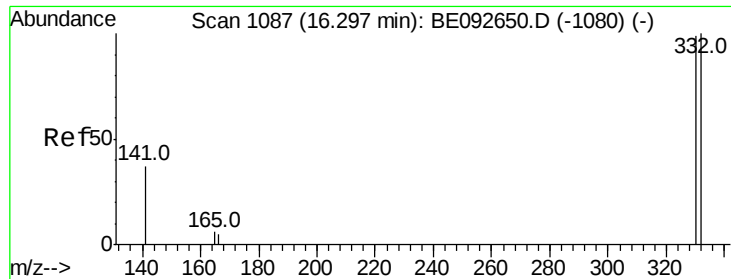
Ion 162.00 (161.70 to 162.70): BE092650.D (-974) (-)

Ion 160.00 (159.70 to 160.70): BE092650.D (-974) (-)

14.78

Time-->

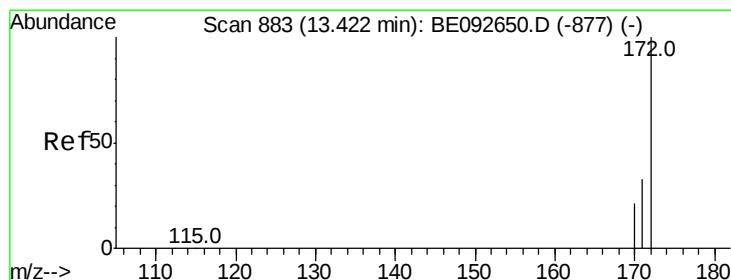
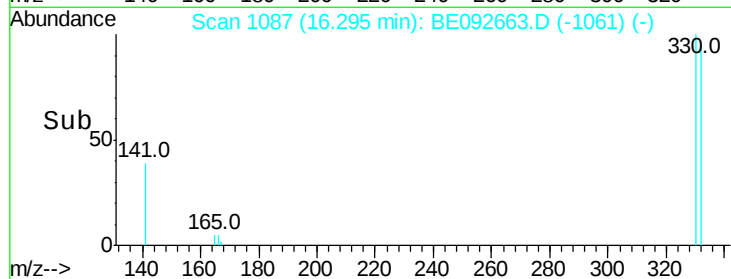
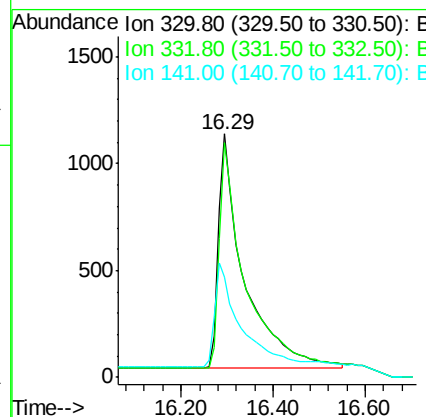
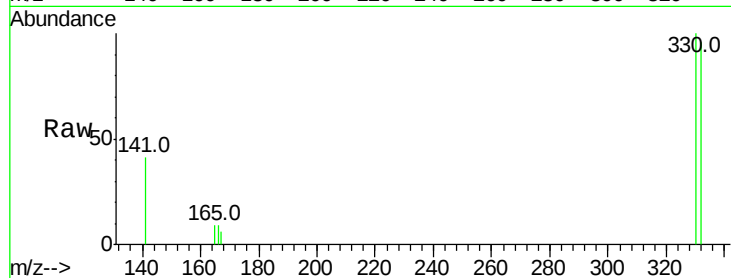




#13
 2,4,6-Tribromophenol
 Concen: 6.76 ng
 RT: 16.29 min Scan# 1087
 Delta R.T. -0.00 min
 Lab File: BE092663.D
 Acq: 19 Jan 2017 18:49

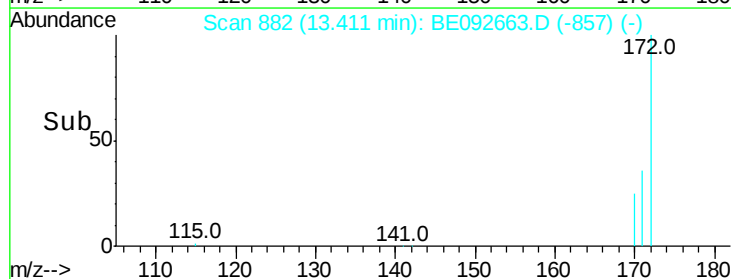
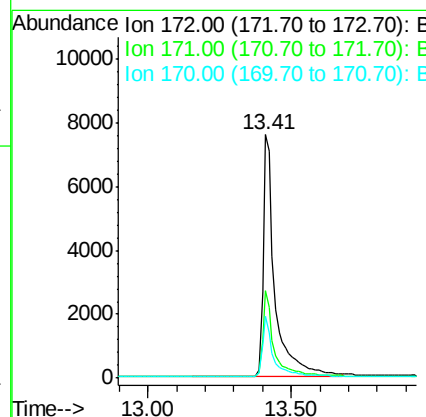
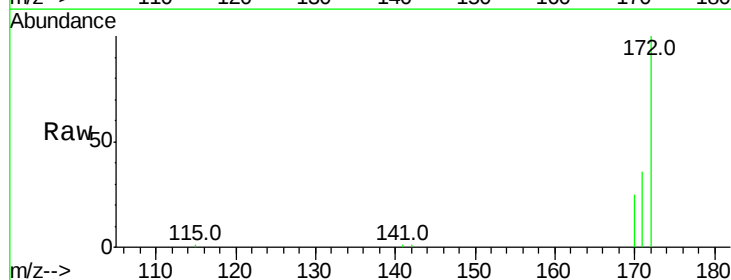
Instrument :
 BNA_E
 ClientSampleId :
 PB96128BL

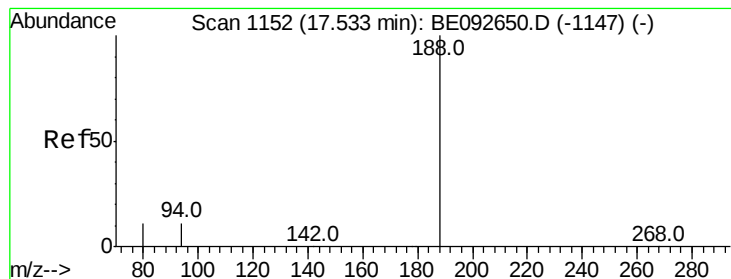
Tot Ion:330 Resp: 4291
 Ion Ratio Lower Upper
 330 100
 332 96.3 75.4 113.0
 141 44.3 31.0 46.6



#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

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





#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

Instrument :

BNA_E

ClientSampleId :

PB96128BL

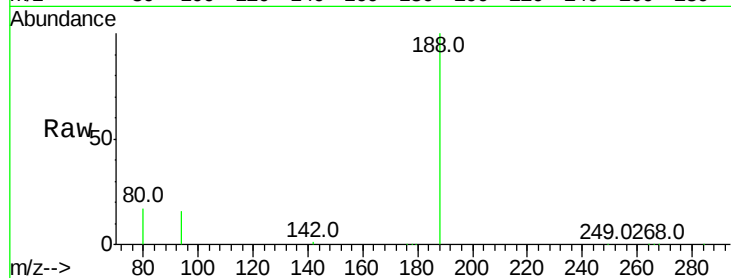
Tot Ion:188 Resp: 41421

Ion Ratio Lower Upper

188 100

94 16.1 3.2 4.8#

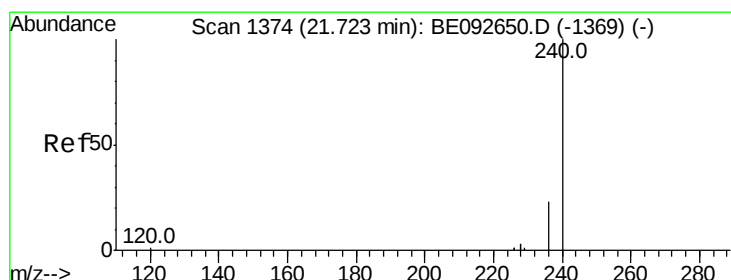
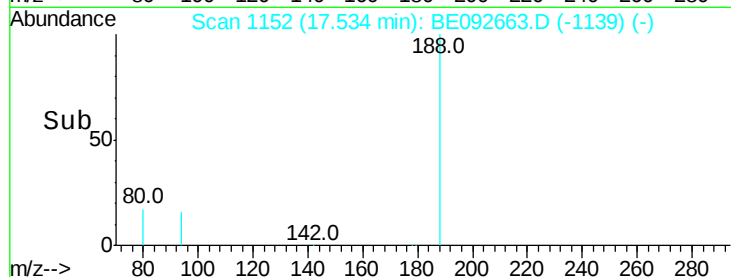
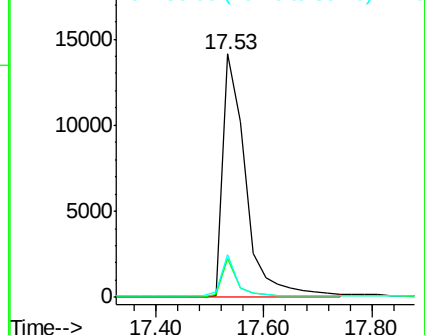
80 17.4 2.6 3.8#



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



#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

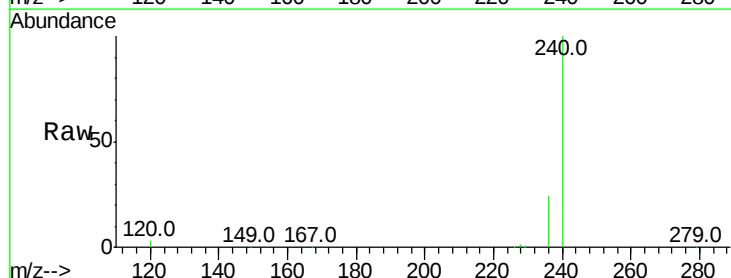
Tgt Ion:240 Resp: 49664

Ion Ratio Lower Upper

240 100

120 2.6 2.6 4.0#

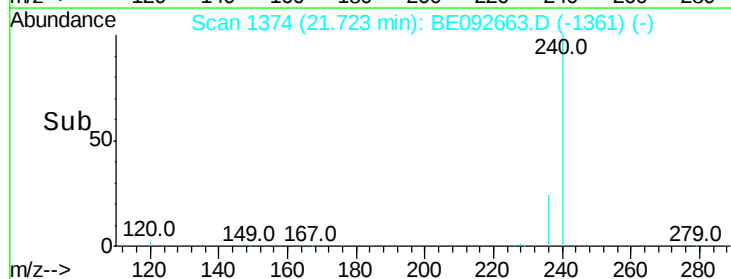
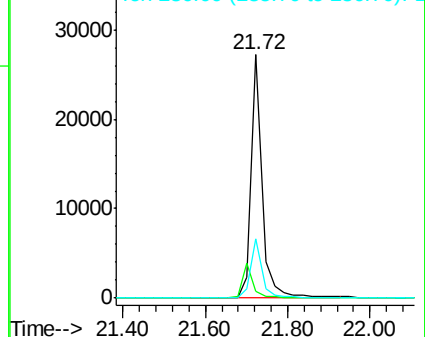
236 24.2 24.6 37.0#

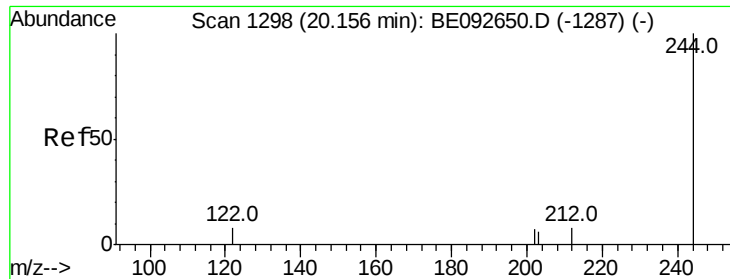


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

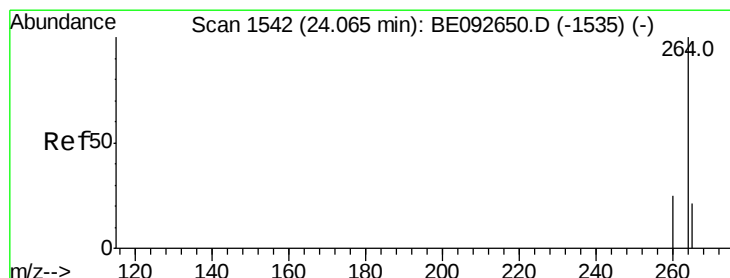
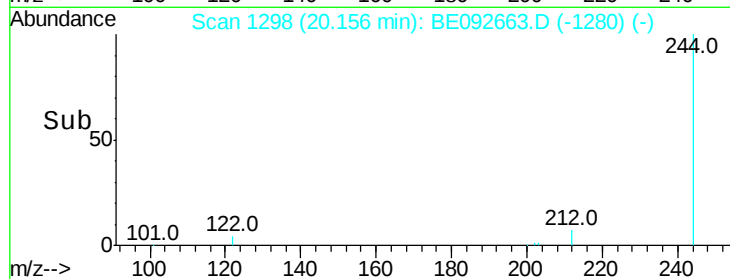
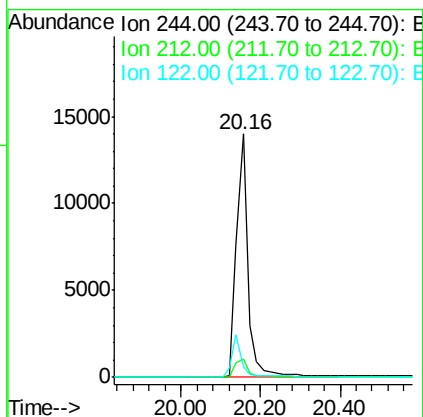
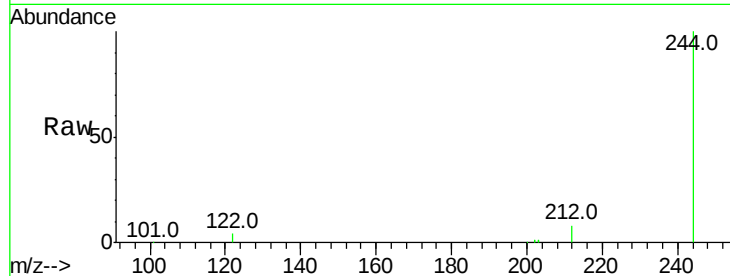




#26
 Terphenyl-d14
 Concen: 3.91 ng
 RT: 20.16 min Scan# 1298
 Delta R.T. 0.00 min
 Lab File: BE092663.D
 Acq: 19 Jan 2017 18:49

Instrument :
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 ClientSampleId :
 PB96128BL

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



#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

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

