

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE011917\
 Data File : BE092661.D
 Acq On : 19 Jan 2017 17:31
 Operator : UM/SJ
 Sample : PB96141BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB96141BL

Quant Time: Jan 20 01:29:24 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

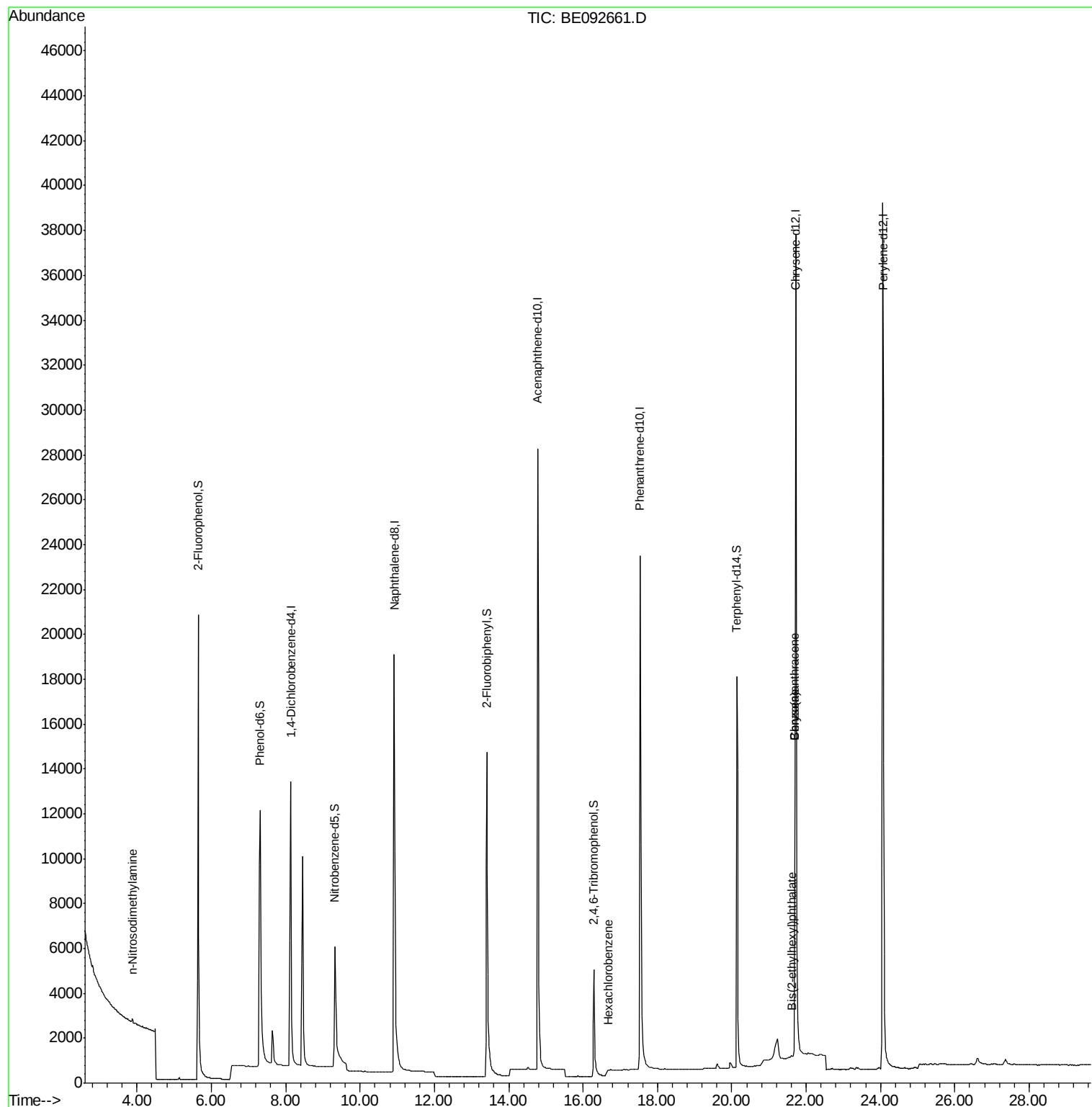
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	9022	5.00	ng	0.00
7) Naphthalene-d8	10.91	136	37806	5.00	ng	0.00
12) Acenaphthene-d10	14.78	164	22652	5.00	ng	0.00
18) Phenanthrene-d10	17.53	188	43977	5.00	ng	0.00
24) Chrysene-d12	21.72	240	54360	5.00	ng	0.00
31) Perylene-d12	24.06	264	63650	5.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.64	112	19454	9.66	ng	-0.01
5) Phenol-d6	7.31	99	22434	9.09	ng	-0.02
8) Nitrobenzene-d5	9.32	82	9829	4.01	ng	-0.02
13) 2,4,6-Tribromophenol	16.28	330	5069	7.59	ng	-0.01
14) 2-Fluorobiphenyl	13.41	172	22606	4.06	ng	-0.01
26) Terphenyl-d14	20.14	244	29974	3.90	ng	-0.02
Target Compounds						
3) n-Nitrosodimethylamine	3.87	42	49	0.03	ng	# 3
19) Hexachlorobenzene	16.68	284	470	0.24	ng	# 39
27) Benzo(a)anthracene	21.70	228	2282	0.04	ng	# 67
28) Chrysene	21.70	228	2279	0.04	ng	# 75
29) Bis(2-ethylhexyl)phthalate	21.61	149	406	0.24	ng	# 70

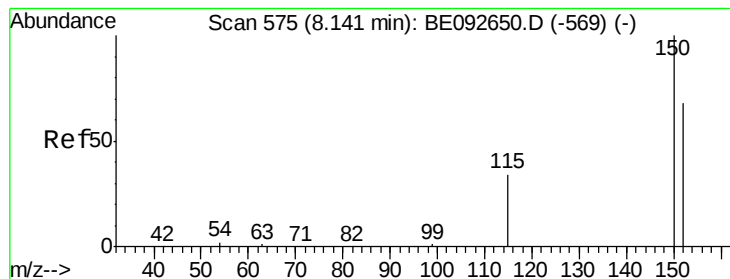
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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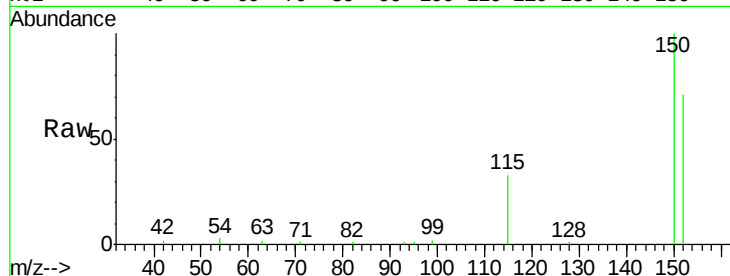


#1

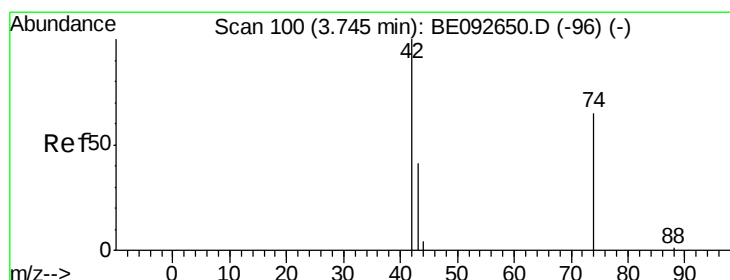
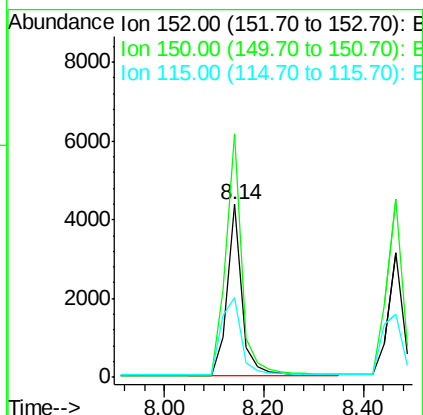
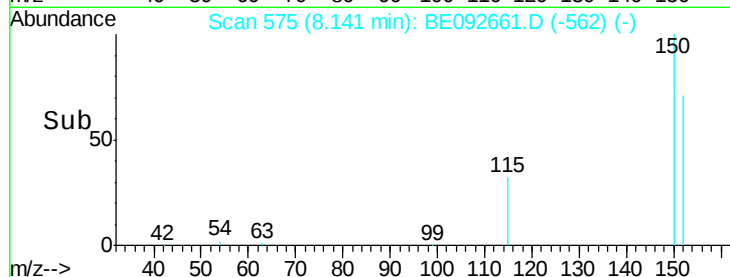
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 8.14 min Scan# 575
Delta R.T. 0.00 min
Lab File: BE092661.D
Acq: 19 Jan 2017 17:31

Instrument :
BNA_E
ClientSampleId :
PB96141BL

Tgt Ion: 152 Resp: 9022
Ion Ratio Lower Upper
152 100
150 140.7 106.0 159.0
115 46.1 31.2 46.8



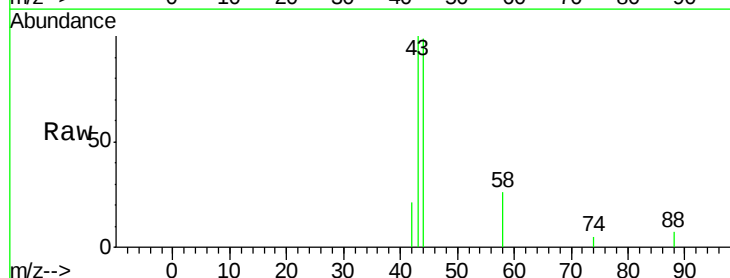
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



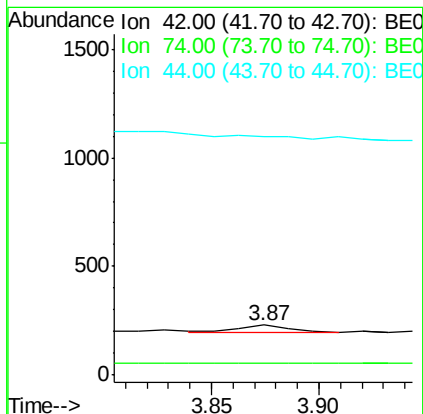
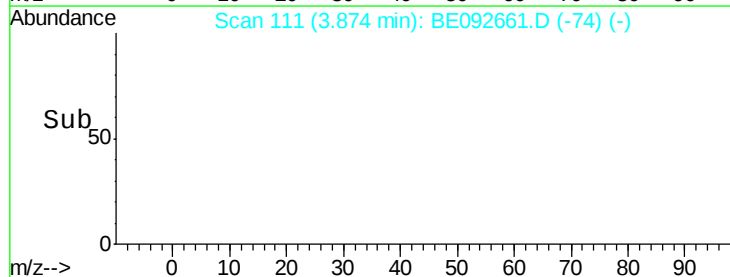
#3

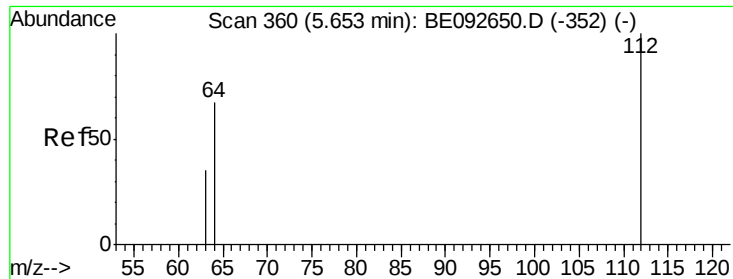
n-Nitrosodimethylamine
Concen: 0.03 ng
RT: 3.87 min Scan# 111
Delta R.T. 0.13 min
Lab File: BE092661.D
Acq: 19 Jan 2017 17:31

Tgt Ion: 42 Resp: 49
Ion Ratio Lower Upper
42 100
74 2.0 86.0 129.0#
44 0.0 5.1 7.7#



Abundance Ion 42.00 (41.70 to 42.70): BE0
Ion 74.00 (73.70 to 74.70): BE0
Ion 44.00 (43.70 to 44.70): BE0





#4

2-Fluorophenol

Concen: 9.66 ng

RT: 5.64 min Scan# 358

Delta R.T. -0.01 min

Lab File: BE092661.D

Acq: 19 Jan 2017 17:31

Instrument :

BNA_E

ClientSampleId :

PB96141BL

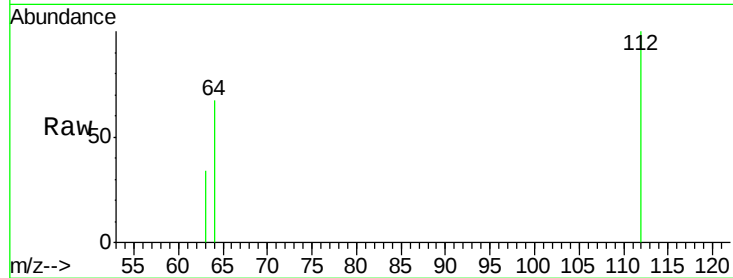
Tgt Ion: 112 Resp: 19454

Ion Ratio Lower Upper

112 100

64 69.2 53.5 80.3

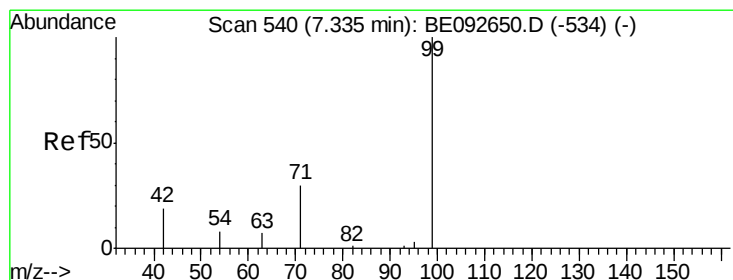
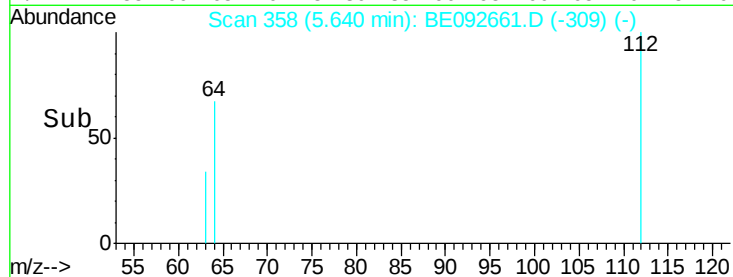
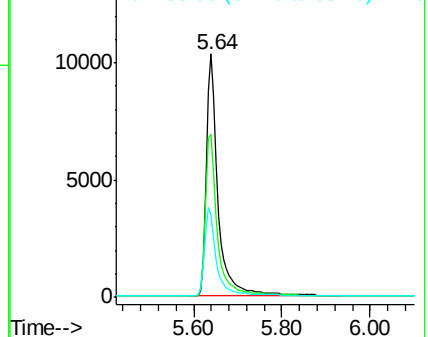
63 36.5 27.9 41.9



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: 9.09 ng

RT: 7.31 min Scan# 539

Delta R.T. -0.02 min

Lab File: BE092661.D

Acq: 19 Jan 2017 17:31

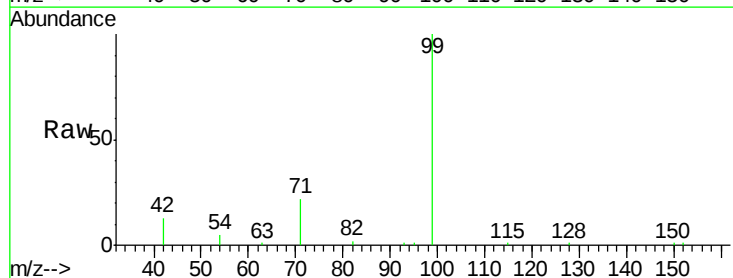
Tgt Ion: 99 Resp: 22434

Ion Ratio Lower Upper

99 100

42 0.0 16.0 24.0#

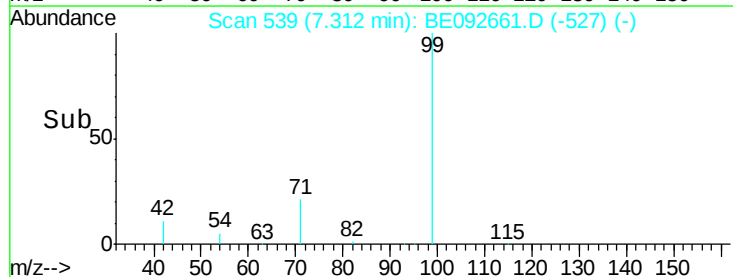
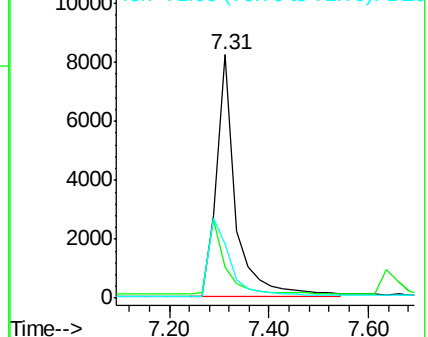
71 0.0 30.6 45.8#

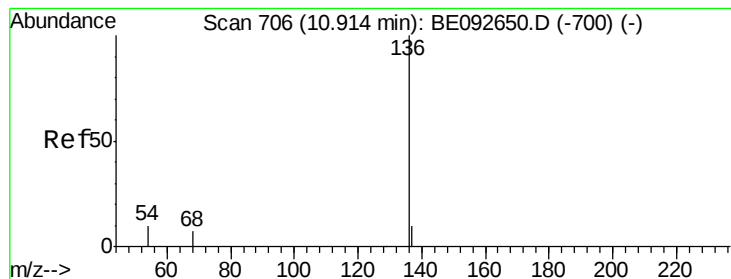


Abundance Ion 99.00 (98.70 to 99.70): BE0

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: 10.91 min Scan# 706

Delta R.T. 0.00 min

Lab File: BE092661.D

Acq: 19 Jan 2017 17:31

Instrument :

BNA_E

ClientSampleId :

PB96141BL

Tgt Ion:136 Resp: 37806

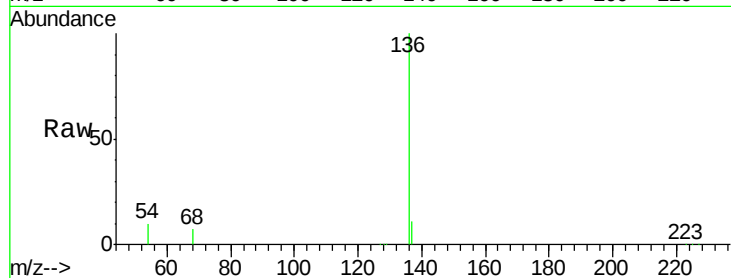
Ion Ratio Lower Upper

136 100

137 10.7 8.2 12.4

54 10.2 9.6 14.4

68 7.0 6.7 10.1

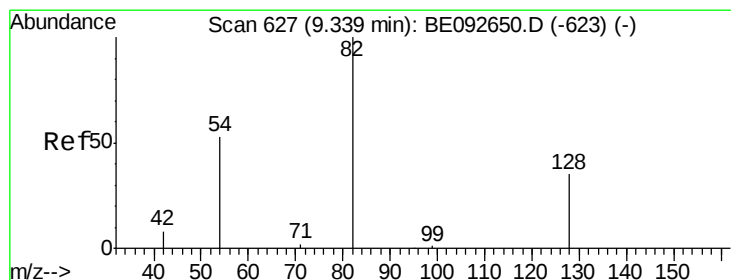
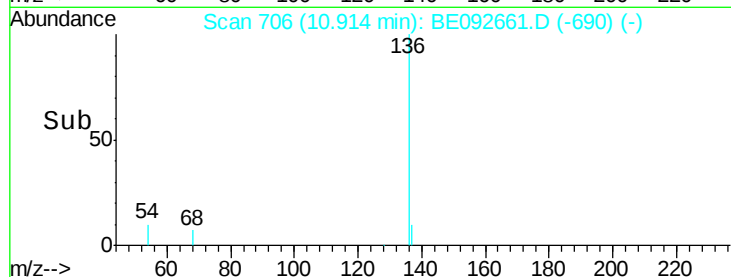
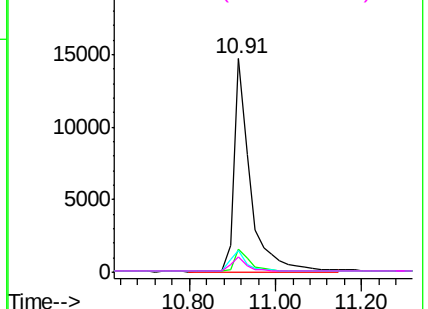


Abundance Ion 136.00 (135.70 to 136.70): E

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: 4.01 ng

RT: 9.32 min Scan# 626

Delta R.T. -0.02 min

Lab File: BE092661.D

Acq: 19 Jan 2017 17:31

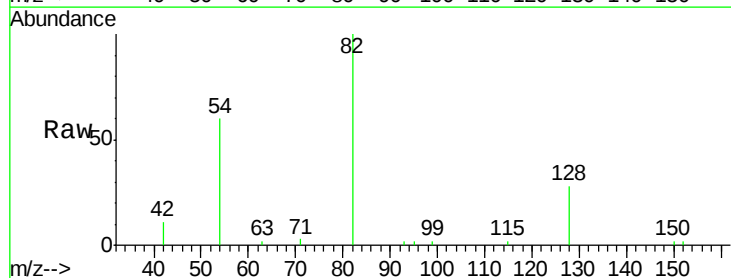
Tgt Ion: 82 Resp: 9829

Ion Ratio Lower Upper

82 100

128 27.7 39.0 58.4#

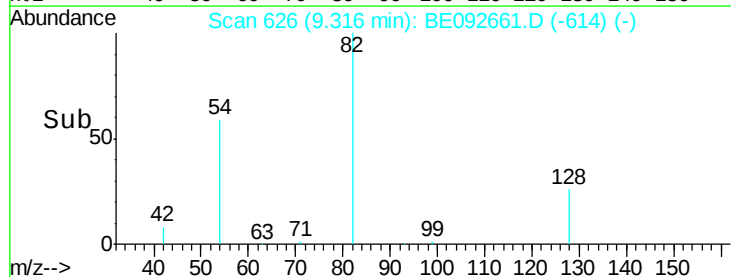
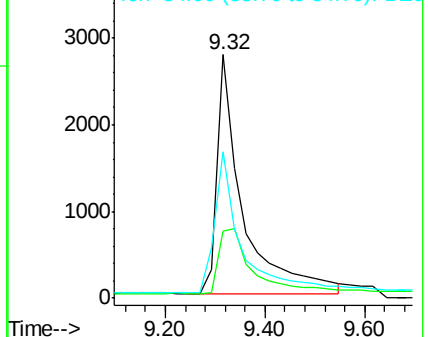
54 59.9 44.8 67.2

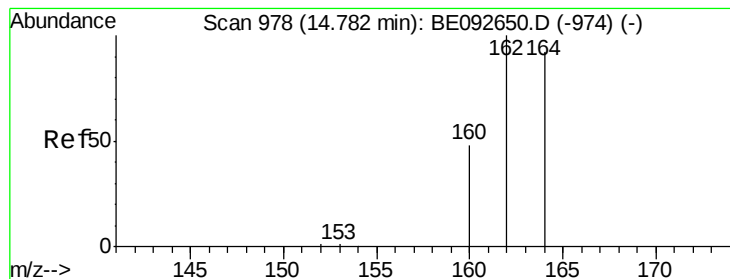


Abundance Ion 82.00 (81.70 to 82.70): BE0

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: BE092661.D

Acq: 19 Jan 2017 17:31

Instrument :

BNA_E

ClientSampleId :

PB96141BL

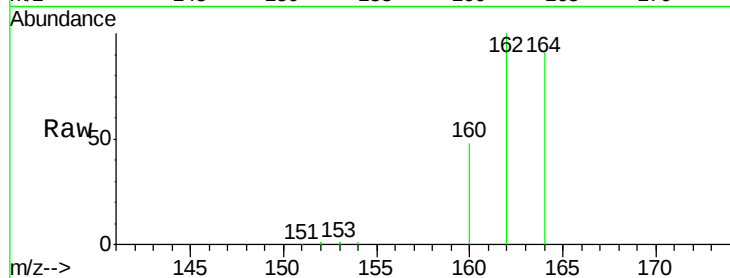
Tgt Ion:164 Resp: 22652

Ion Ratio Lower Upper

164 100

162 110.1 71.4 107.0#

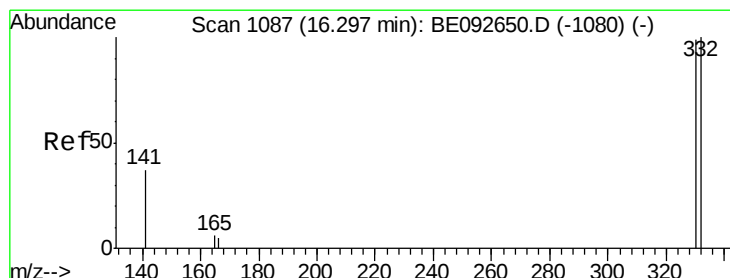
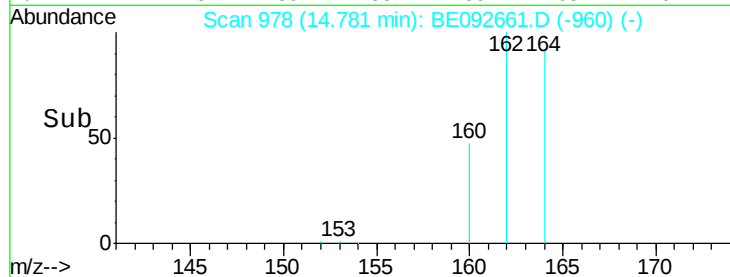
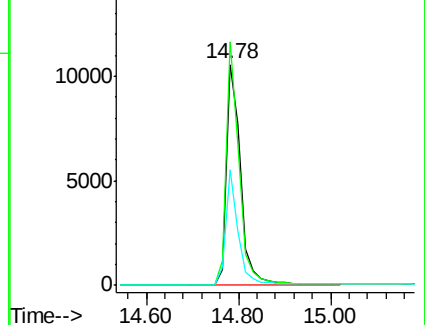
160 52.4 27.4 41.2#



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: 7.59 ng

RT: 16.28 min Scan# 1086

Delta R.T. -0.01 min

Lab File: BE092661.D

Acq: 19 Jan 2017 17:31

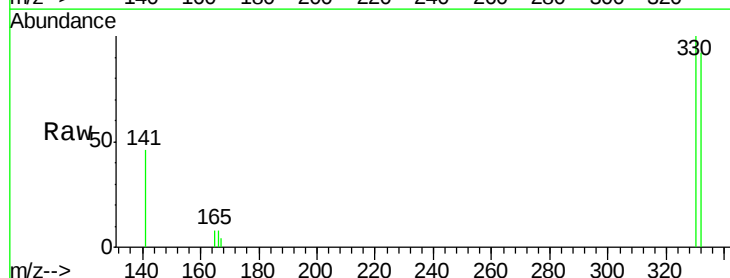
Tgt Ion:330 Resp: 5069

Ion Ratio Lower Upper

330 100

332 97.0 75.4 113.0

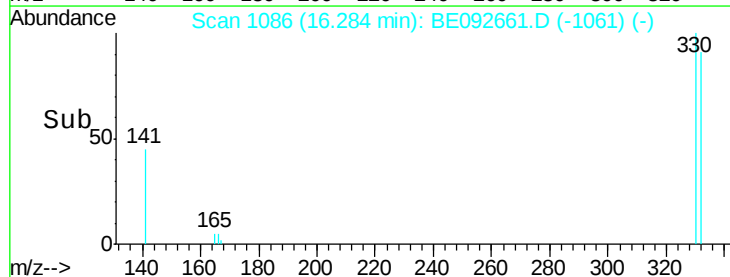
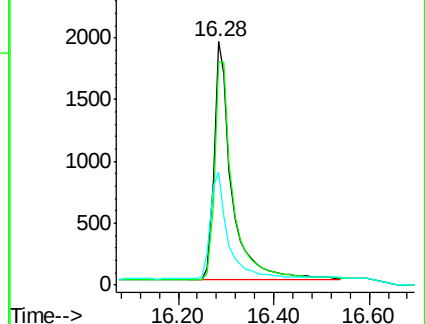
141 45.0 31.0 46.6

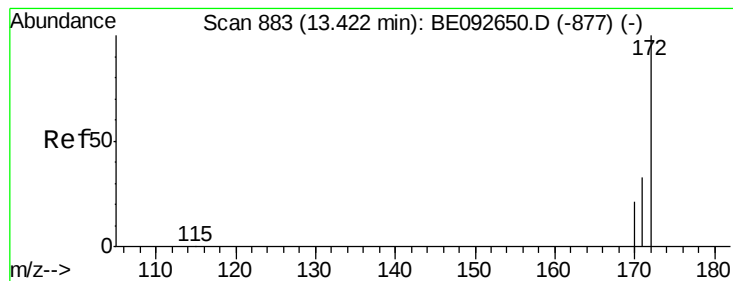


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#14

2-Fluorobiphenyl

Concen: 4.06 ng

RT: 13.41 min Scan# 882

Delta R.T. -0.01 min

Lab File: BE092661.D

Acq: 19 Jan 2017 17:31

Instrument :

BNA_E

ClientSampleId :

PB96141BL

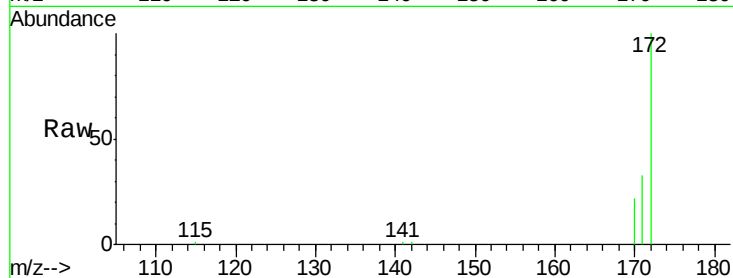
Tgt Ion:172 Resp: 22606

Ion Ratio Lower Upper

172 100

171 33.4 30.1 45.1

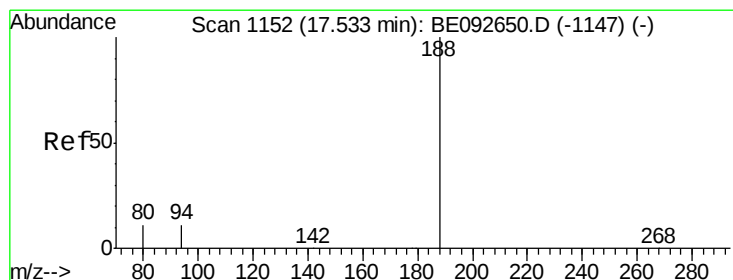
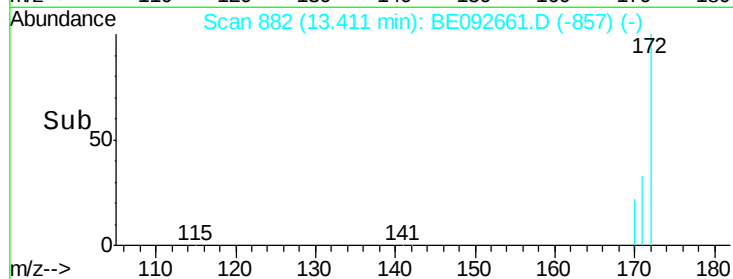
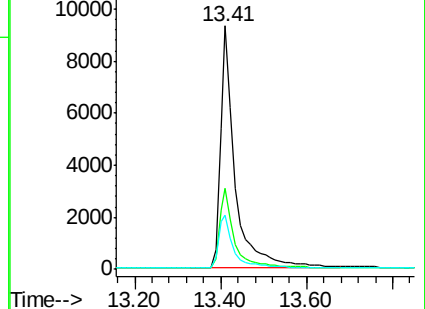
170 22.2 21.8 32.6



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: BE092661.D

Acq: 19 Jan 2017 17:31

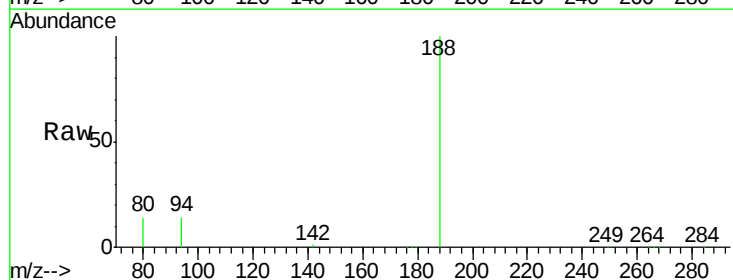
Tgt Ion:188 Resp: 43977

Ion Ratio Lower Upper

188 100

94 13.7 3.2 4.8#

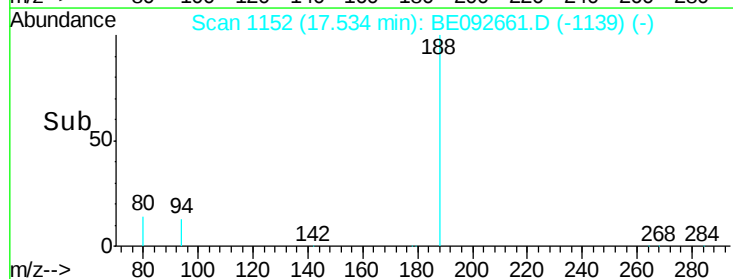
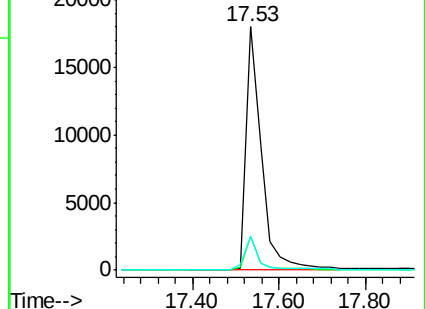
80 14.0 2.6 3.8#

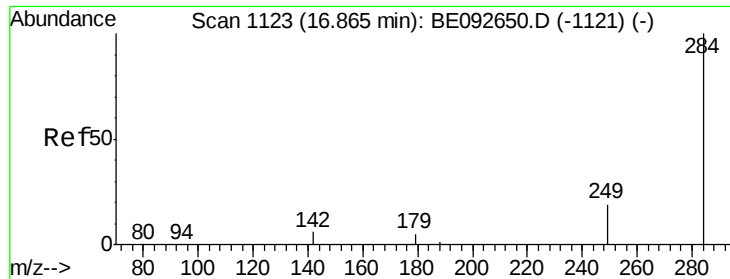


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE0

Ion 80.00 (79.70 to 80.70): BE0





#19

Hexachlorobenzene

Concen: 0.24 ng

RT: 16.68 min Scan# 1115

Delta R.T. -0.18 min

Lab File: BE092661.D

Acq: 19 Jan 2017 17:31

Instrument :

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ClientSampleId :

PB96141BL

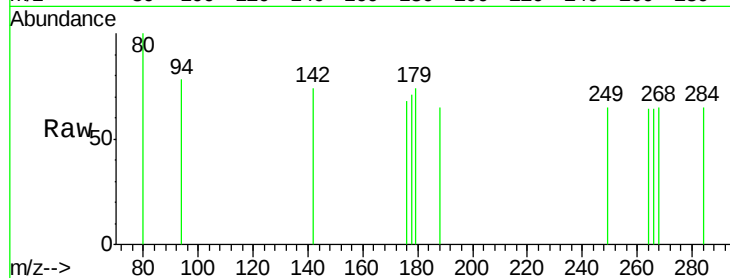
Tgt Ion:284 Resp: 470

Ion Ratio Lower Upper

284 100

142 0.0 29.1 43.7#

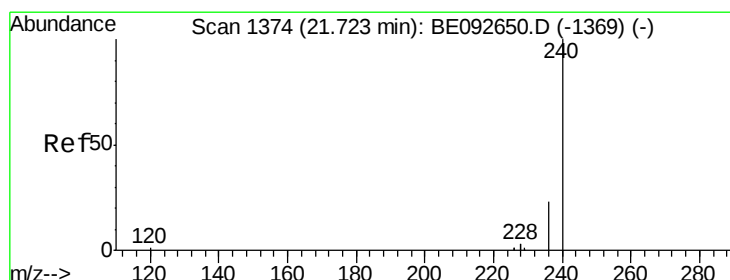
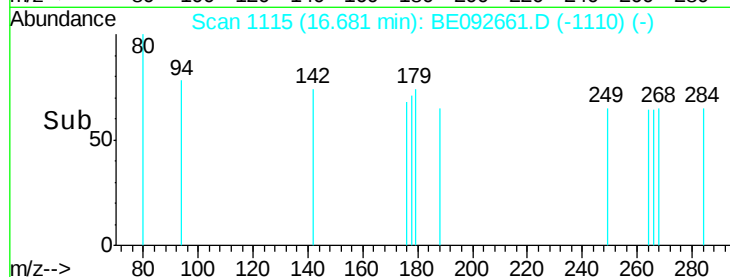
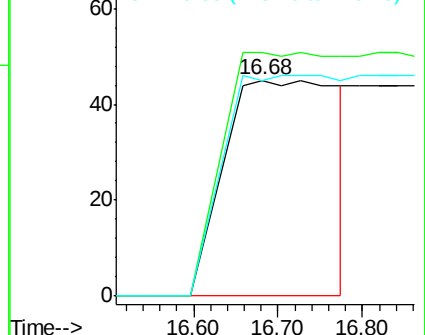
249 0.0 27.9 41.9#



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: BE092661.D

Acq: 19 Jan 2017 17:31

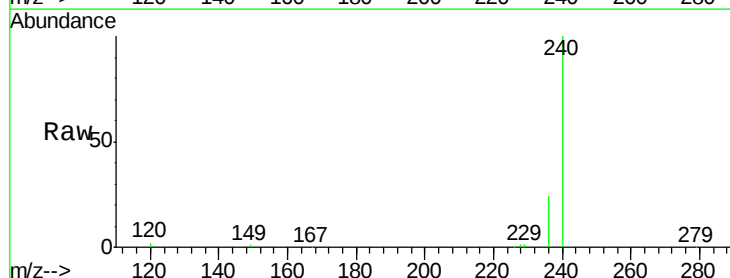
Tgt Ion:240 Resp: 54360

Ion Ratio Lower Upper

240 100

120 2.2 2.6 4.0#

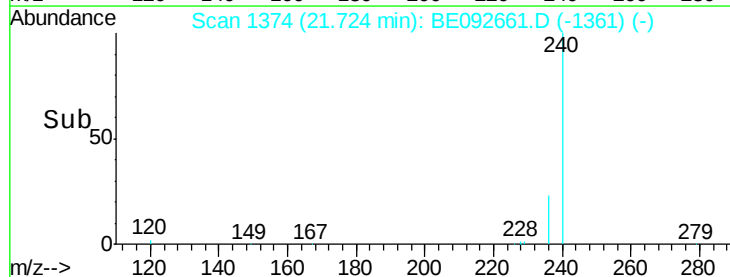
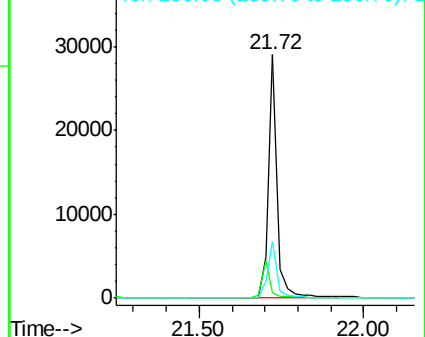
236 23.5 24.6 37.0#

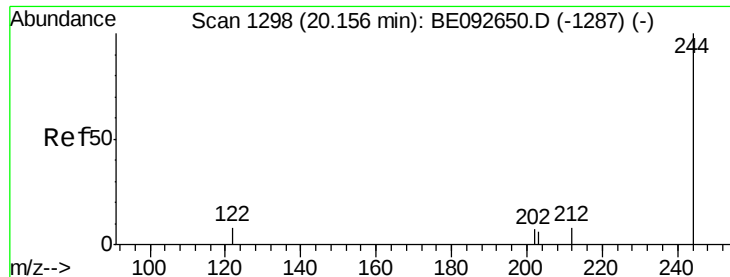


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

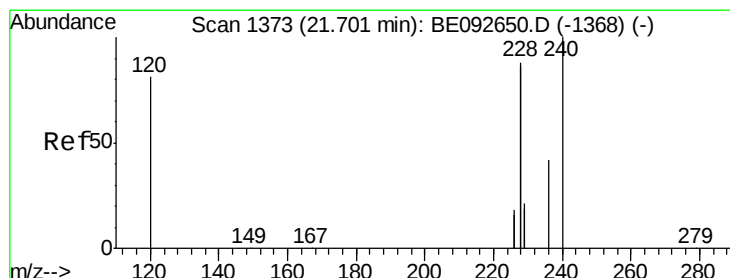
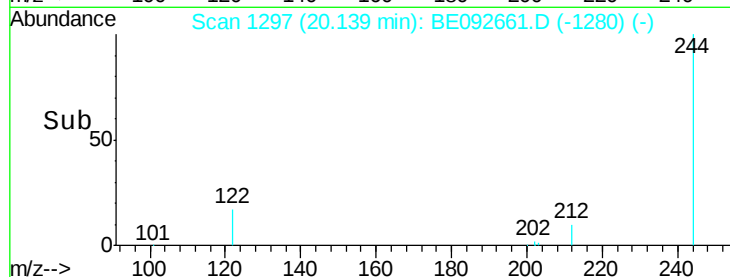
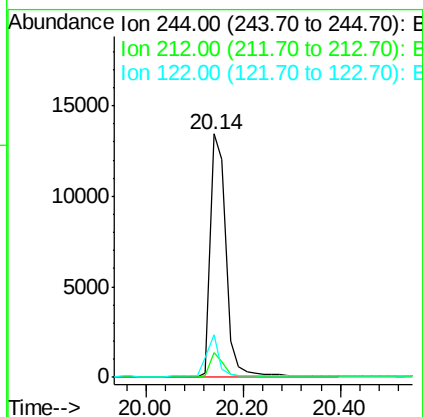
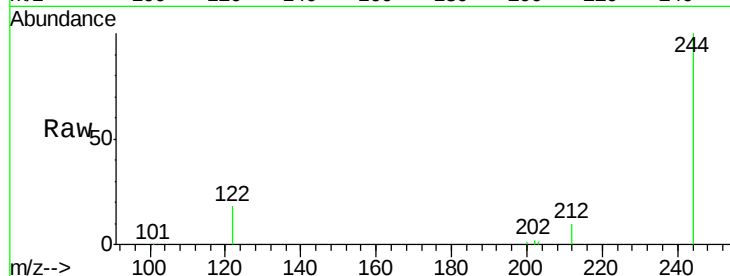




#26
 Terphenyl-d14
 Concen: 3.90 ng
 RT: 20.14 min Scan# 1297
 Delta R.T. -0.02 min
 Lab File: BE092661.D
 Acq: 19 Jan 2017 17:31

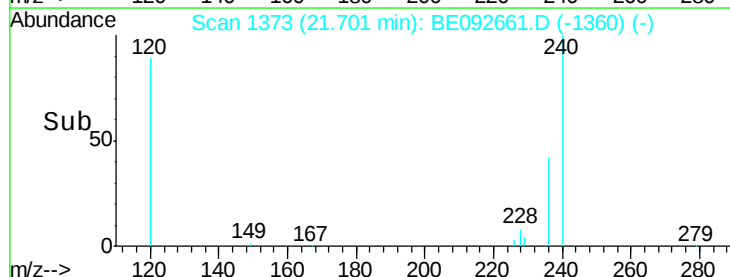
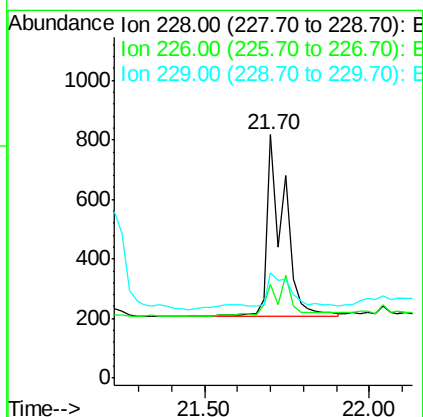
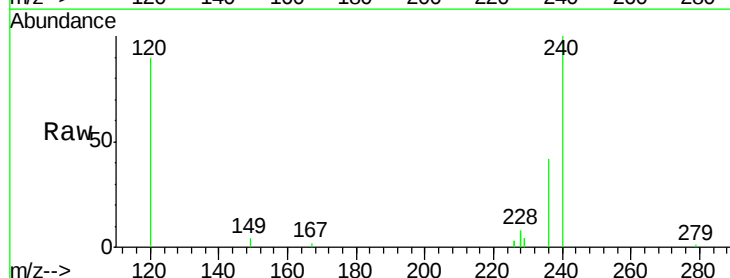
Instrument :
 BNA_E
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 PB96141BL

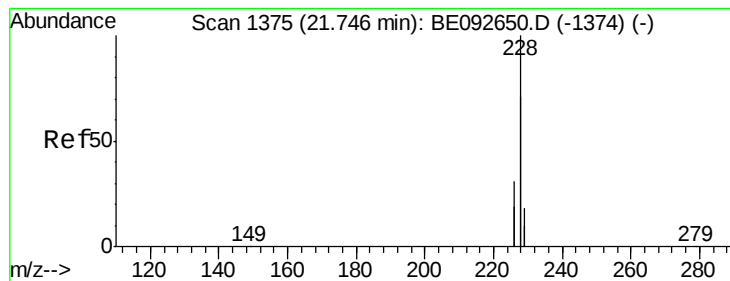
Tgt Ion: 244 Resp: 29974
 Ion Ratio Lower Upper
 244 100
 212 10.2 6.7 10.1#
 122 17.6 3.6 5.4#



#27
 Benzo(a)anthracene
 Concen: 0.04 ng
 RT: 21.70 min Scan# 1373
 Delta R.T. 0.00 min
 Lab File: BE092661.D
 Acq: 19 Jan 2017 17:31

Tgt Ion: 228 Resp: 2282
 Ion Ratio Lower Upper
 228 100
 226 38.4 23.6 35.4#
 229 43.0 13.3 19.9#





#28

Chrysene

Concen: 0.04 ng

RT: 21.70 min Scan# 1373

Delta R.T. -0.04 min

Lab File: BE092661.D

Acq: 19 Jan 2017 17:31

Instrument :

BNA_E

ClientSampled :

PB96141BL

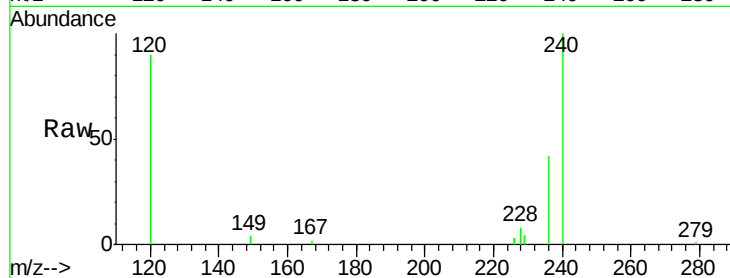
Tgt Ion: 228 Resp: 2279

Ion Ratio Lower Upper

228 100

226 38.4 36.3 54.5

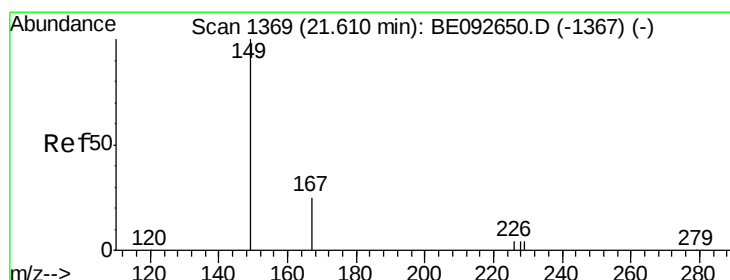
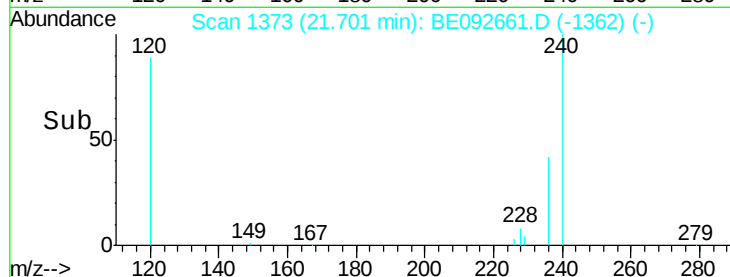
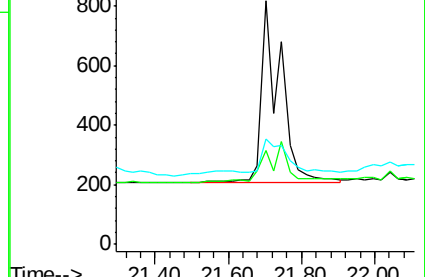
229 43.0 10.6 16.0#



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#29

Bis(2-ethylhexyl)phthalate

Concen: 0.24 ng

RT: 21.61 min Scan# 1369

Delta R.T. 0.00 min

Lab File: BE092661.D

Acq: 19 Jan 2017 17:31

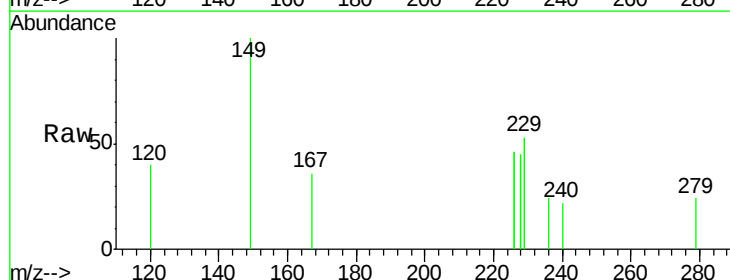
Tgt Ion: 149 Resp: 406

Ion Ratio Lower Upper

149 100

167 12.3 16.0 24.0#

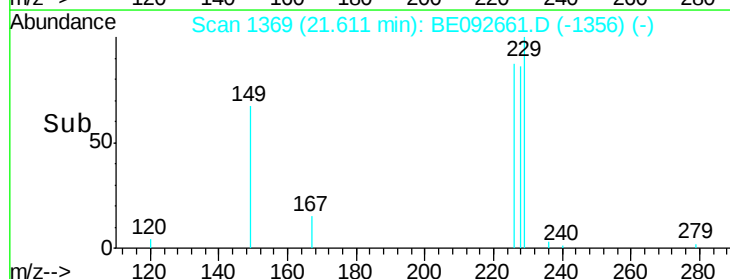
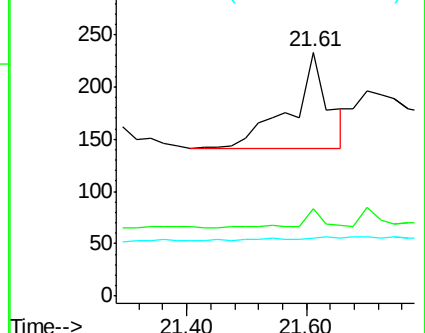
279 0.0 16.0 24.0#

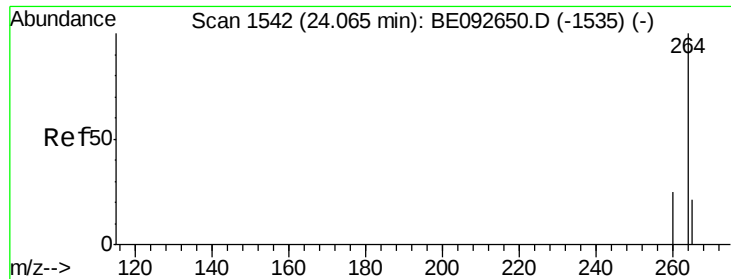


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#31

Perylene-d12

Concen: 5.00 ng

RT: 24.06 min Scan# 1542

Delta R.T. -0.00 min

Lab File: BE092661.D

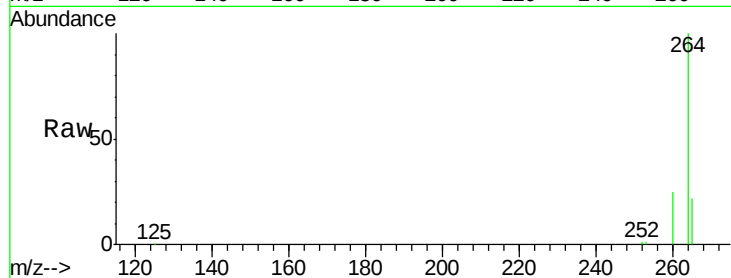
Acq: 19 Jan 2017 17:31

Instrument :

BNA_E

ClientSampleId :

PB96141BL



Tgt Ion:	264	Resp:	63650
Ion	Ratio	Lower	Upper
264	100		
260	24.8	20.1	30.1
265	21.9	17.9	26.9

