

Data Path : Z:\HPCHEM1\BNA E\DATA\BE032917\
 Data File : BE092864.D
 Acq On : 29 Mar 2017 12:57
 Operator : SJ/MA
 Sample : PB97794BL
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB97794BL

Quant Time: Mar 30 01:41:50 2017
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE032817.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 29 17:47:56 2017
 Response via : Initial Calibration

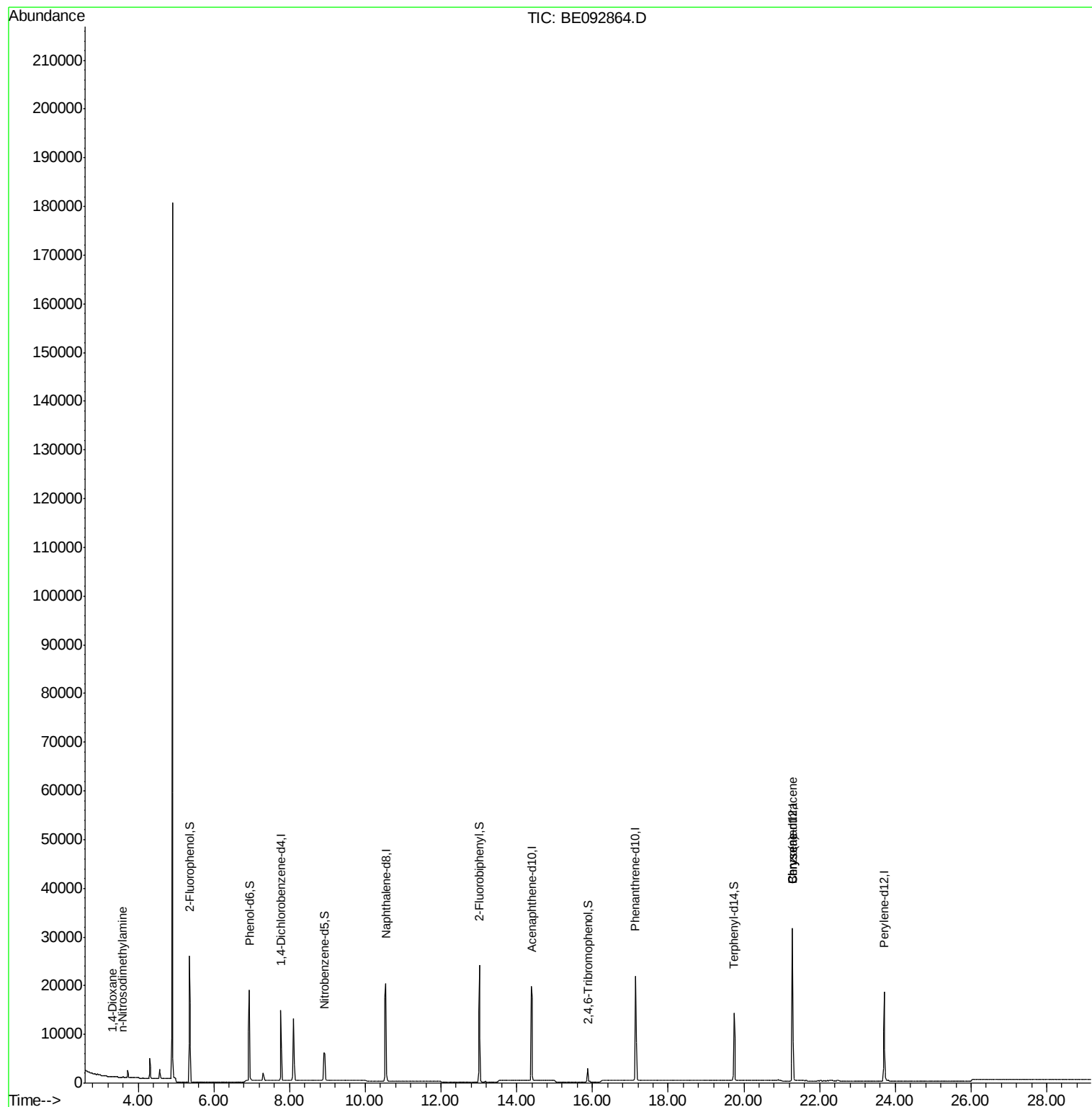
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.77	152	8552	5.00	ng	-0.02
7) Naphthalene-d8	10.54	136	35237	5.00	ng	0.00
12) Acenaphthene-d10	14.40	164	15112	5.00	ng	0.00
18) Phenanthrene-d10	17.13	188	31571	5.00	ng	-0.02
24) Chrysene-d12	21.28	240	32486	5.00	ng	-0.02
31) Perylene-d12	23.70	264	27110	5.00	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.37	112	18484	9.28	ng	0.00
5) Phenol-d6	6.94	99	25096	8.59	ng	0.00
8) Nitrobenzene-d5	8.93	82	8130	4.02	ng	0.00
13) 2,4,6-Tribromophenol	15.88	330	1785	7.56	ng	0.00
14) 2-Fluorobiphenyl	13.02	172	22090	4.44	ng	-0.01
26) Terphenyl-d14	19.74	244	19393	3.45	ng	-0.02
Target Compounds						
2) 1,4-Dioxane	3.33	88	23	0.02	ng	# 19
3) n-Nitrosodimethylamine	3.59	42	38	0.03	ng	# 1
27) Benzo(a)anthracene	21.28	228	180	0.02	ng	# 53
28) Chrysene	21.28	228	181	0.02	ng	# 74
29) Bis(2-ethylhexyl)phthalate	21.21	149	52	Below Cal		# 65

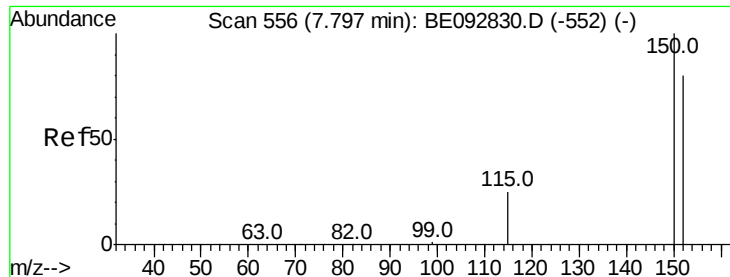
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 7.77 min Scan# 555

Delta R.T. -0.02 min

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Instrument :

BNA_E

ClientSampleId :

PB97794BL

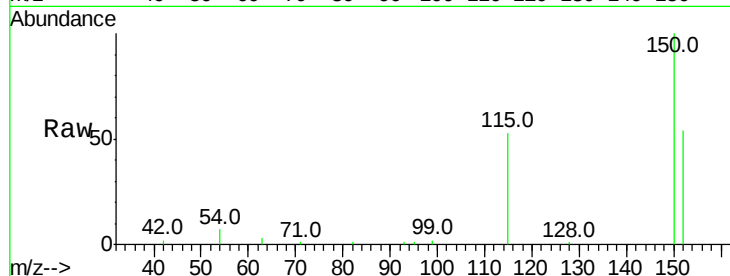
Tot Ion:152 Resp: 8552

Ion Ratio Lower Upper

152 100

150 186.3 106.0 159.0#

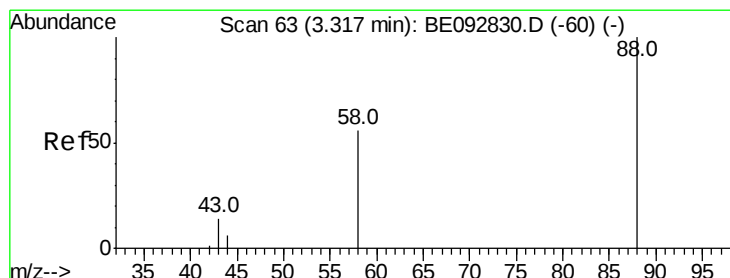
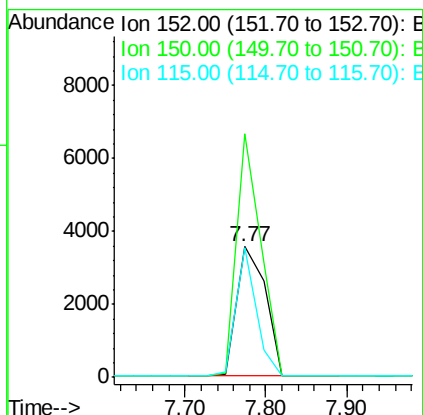
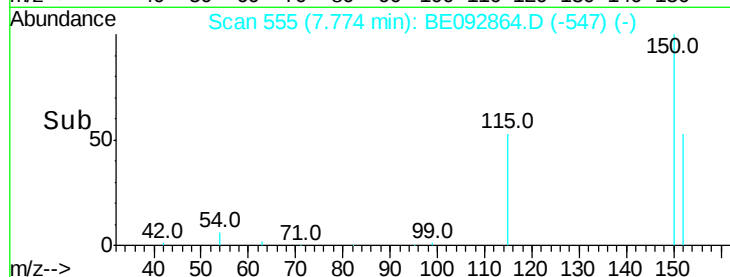
115 99.0 31.2 46.8#



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



#2

1,4-Dioxane

Concen: 0.02 ng

RT: 3.33 min Scan# 64

Delta R.T. 0.01 min

Lab File: BE092864.D

Acq: 29 Mar 2017 12:57

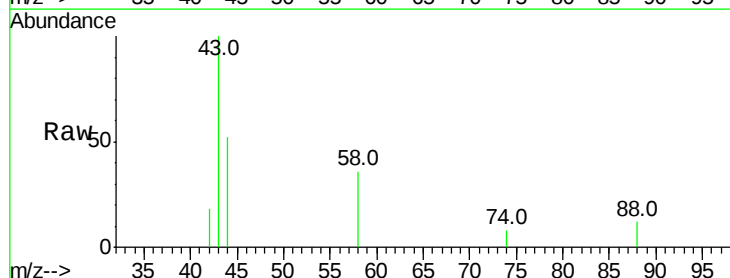
Tgt Ion: 88 Resp: 23

Ion Ratio Lower Upper

88 100

58 0.0 63.6 95.4#

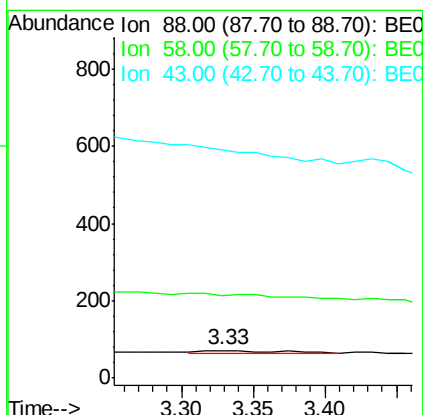
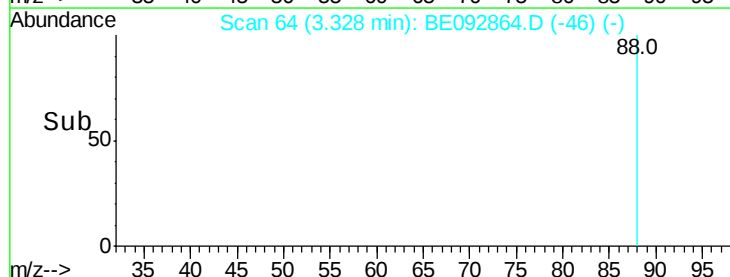
43 0.0 28.0 42.0#

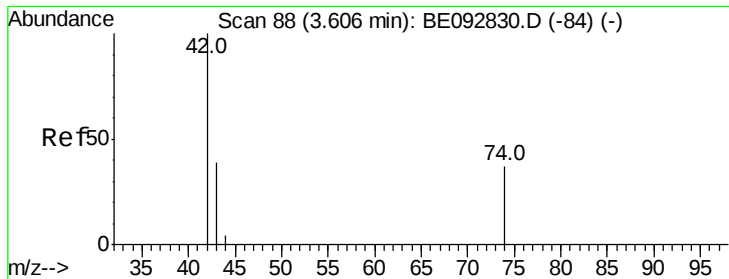


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0



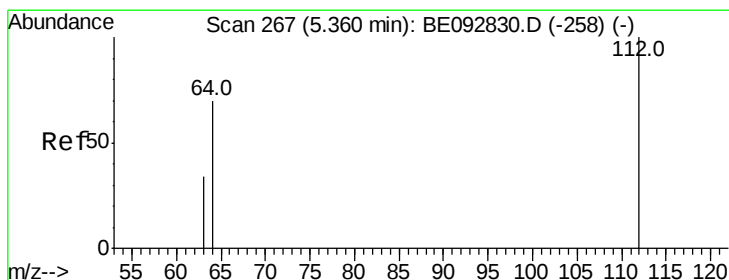
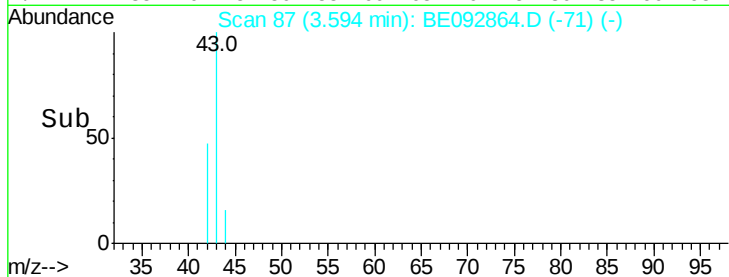
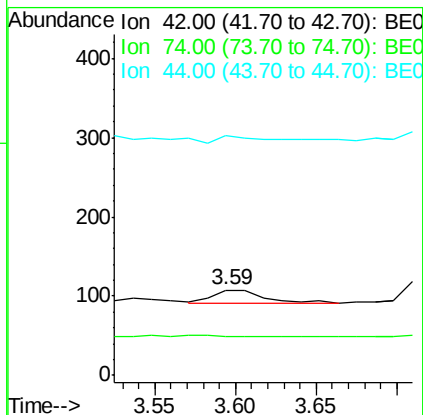
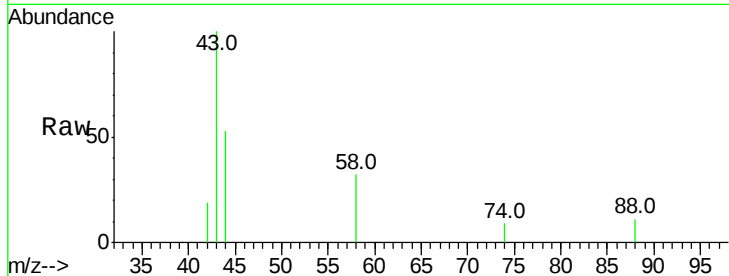


#3

n-Nitrosodimethylamine
 Concen: 0.03 ng
 RT: 3.59 min Scan# 87
 Delta R.T. -0.01 min
 Lab File: BE092864.D
 Acq: 29 Mar 2017 12:57

Instrument :
 BNA_E
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 PB97794BL

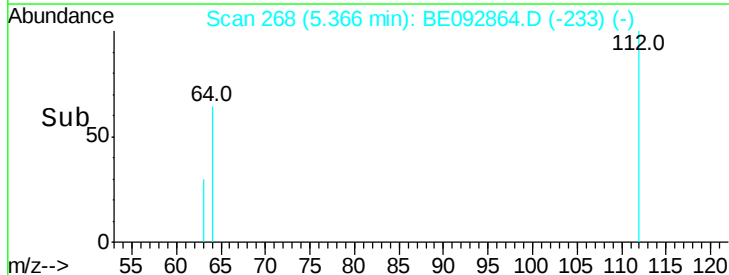
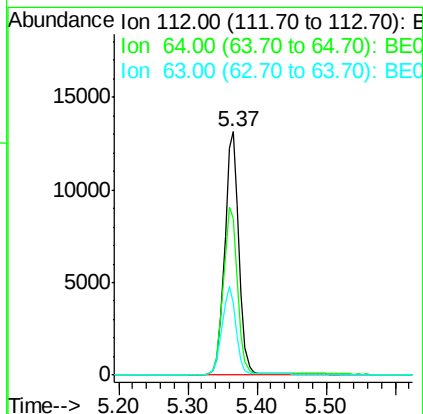
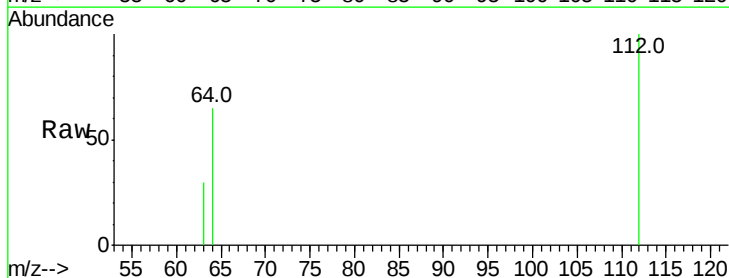
Tot Ion: 42 Resp: 38
 Ion Ratio Lower Upper
 42 100
 74 0.0 86.0 129.0#
 44 42.1 5.1 7.7#

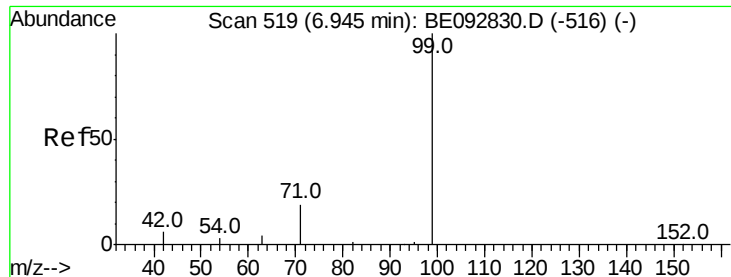


#4

2-Fluorophenol
 Concen: 9.28 ng
 RT: 5.37 min Scan# 268
 Delta R.T. 0.01 min
 Lab File: BE092864.D
 Acq: 29 Mar 2017 12:57

Tgt Ion: 112 Resp: 18484
 Ion Ratio Lower Upper
 112 100
 64 69.0 53.5 80.3
 63 35.6 27.9 41.9





#5

Phenol-d6

Concen: 8.59 ng

RT: 6.94 min Scan# 519

Delta R.T. -0.00 min

Lab File: BE092864.D

Acq: 29 Mar 2017 12:57

Instrument :

BNA_E

ClientSampleId :

PB97794BL

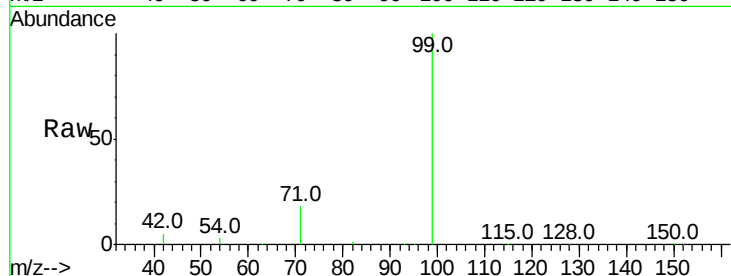
Tot Ion: 99 Resp: 25096

Ion Ratio Lower Upper

99 100

42 0.0 16.0 24.0#

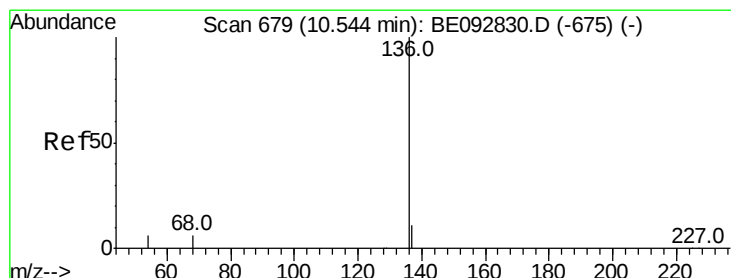
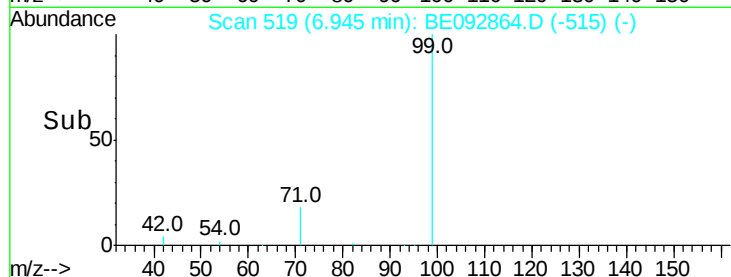
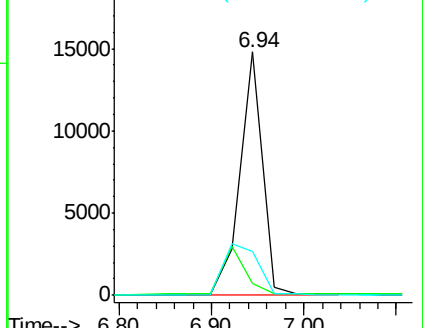
71 0.0 30.6 45.8#



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: 10.54 min Scan# 679

Delta R.T. -0.00 min

Lab File: BE092864.D

Acq: 29 Mar 2017 12:57

Tgt Ion: 136 Resp: 35237

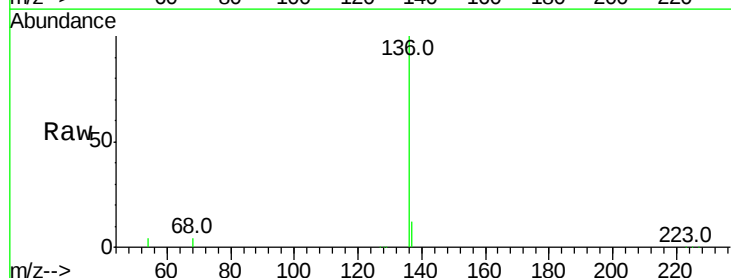
Ion Ratio Lower Upper

136 100

137 12.0 8.2 12.4

54 4.1 9.6 14.4#

68 4.2 6.7 10.1#

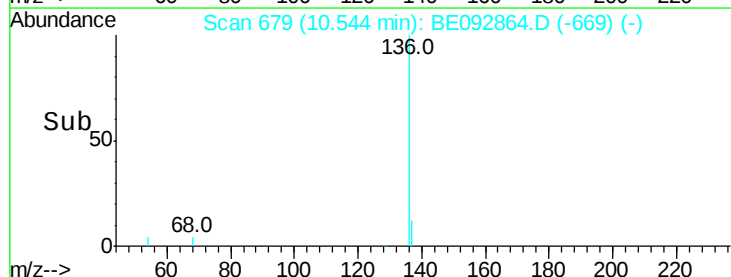
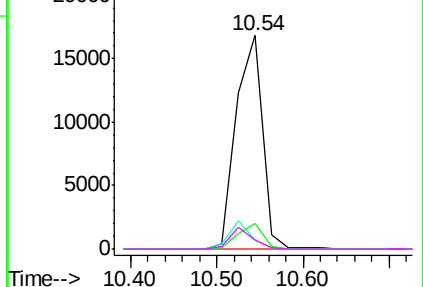


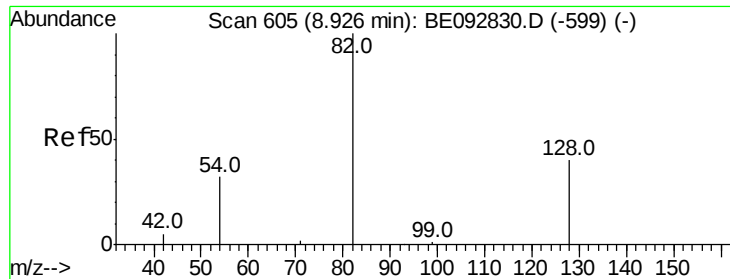
Abundance Ion 136.00 (135.70 to 136.70): E

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: 4.02 ng

RT: 8.93 min Scan# 605

Delta R.T. -0.00 min

Lab File: BE092864.D

Acq: 29 Mar 2017 12:57

Instrument :

BNA_E

ClientSampleId :

PB97794BL

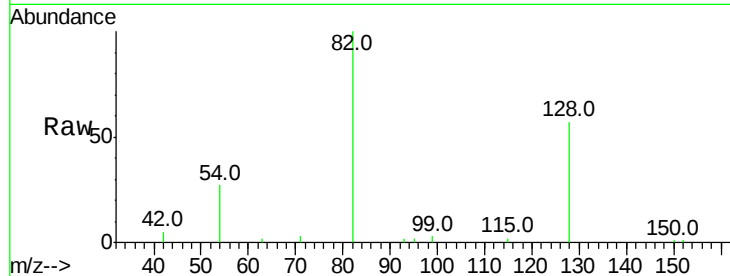
Tot Ion: 82 Resp: 8130

Ion Ratio Lower Upper

82 100

128 57.4 39.0 58.4

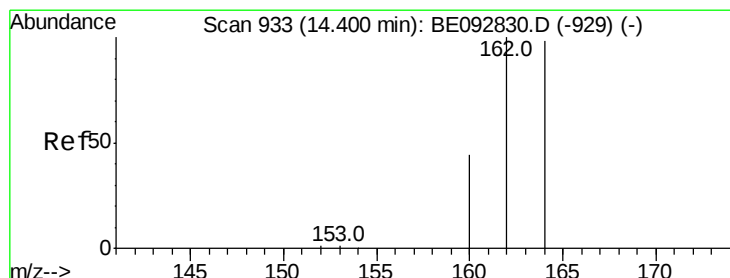
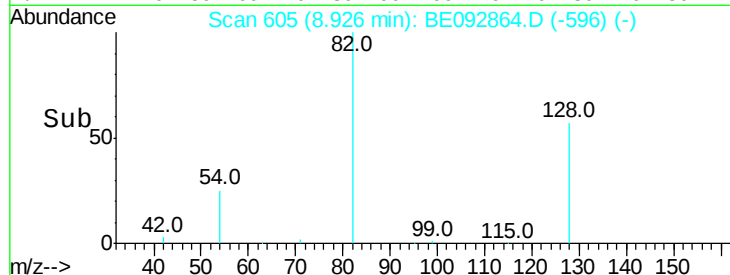
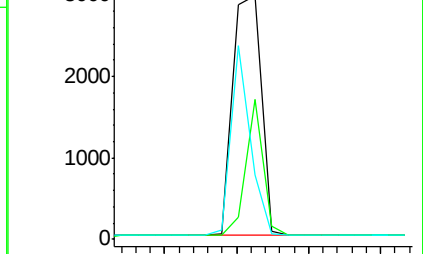
54 26.5 44.8 67.2#



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: 14.40 min Scan# 933

Delta R.T. 0.00 min

Lab File: BE092864.D

Acq: 29 Mar 2017 12:57

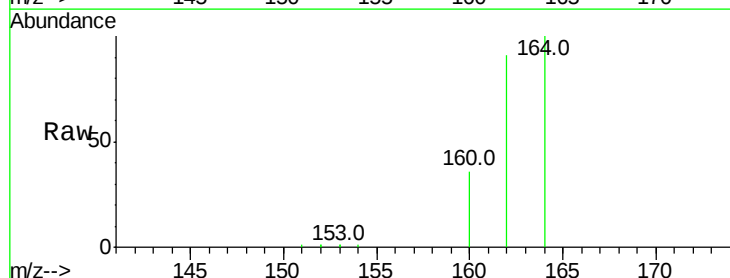
Tgt Ion: 164 Resp: 15112

Ion Ratio Lower Upper

164 100

162 90.6 71.4 107.0

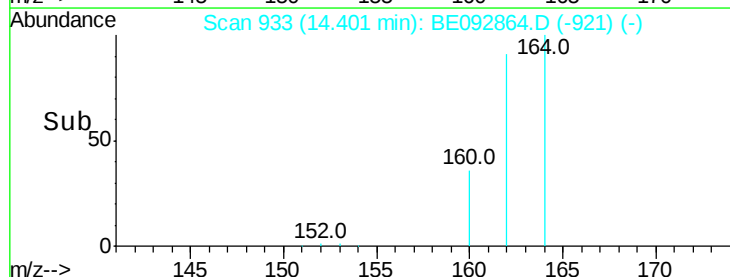
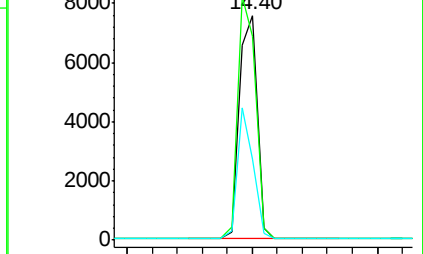
160 35.9 27.4 41.2

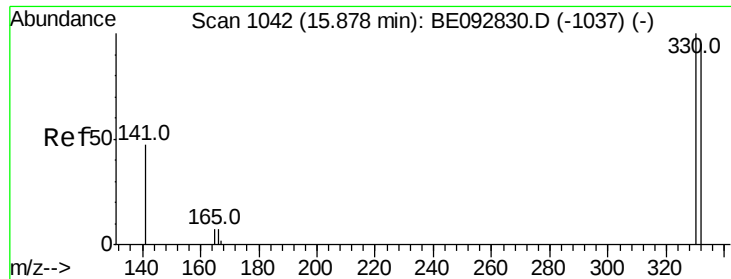


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

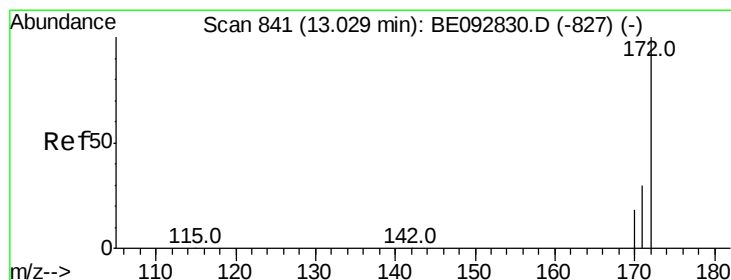
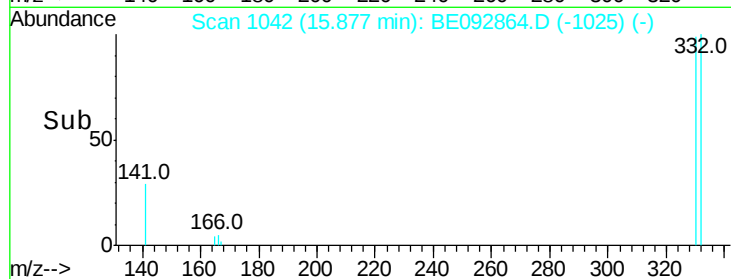
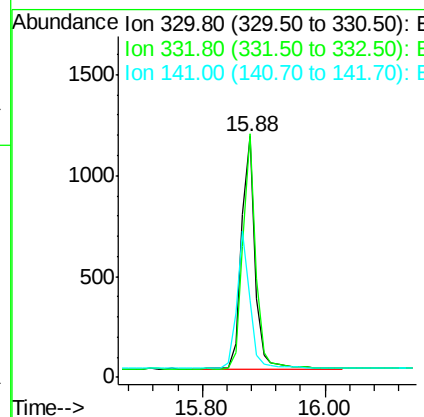
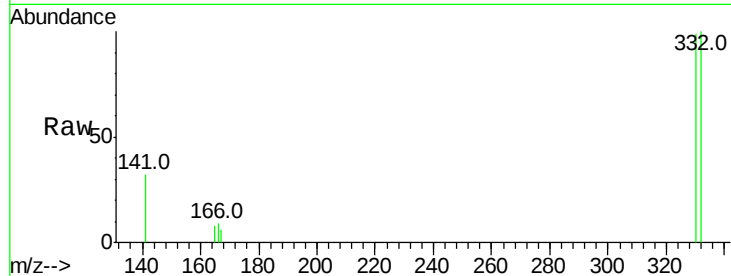




#13
 2,4,6-Tribromophenol
 Concen: 7.56 ng
 RT: 15.88 min Scan# 1042
 Delta R.T. -0.00 min
 Lab File: BE092864.D
 Acq: 29 Mar 2017 12:57

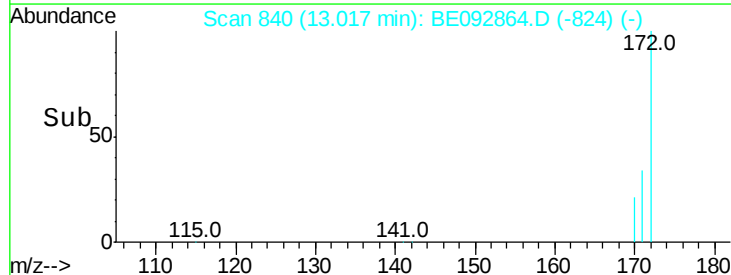
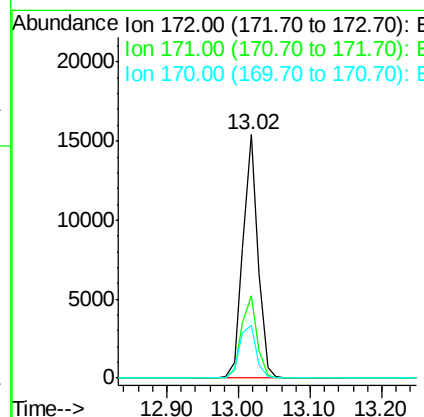
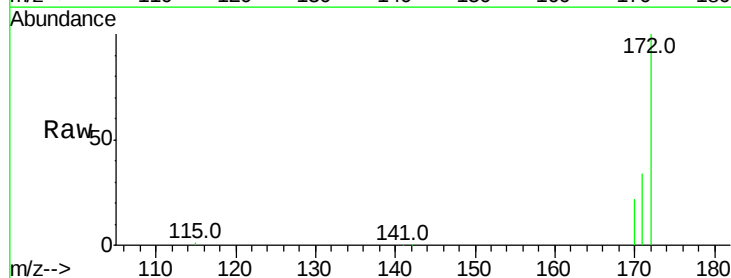
Instrument :
 BNA_E
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 PB97794BL

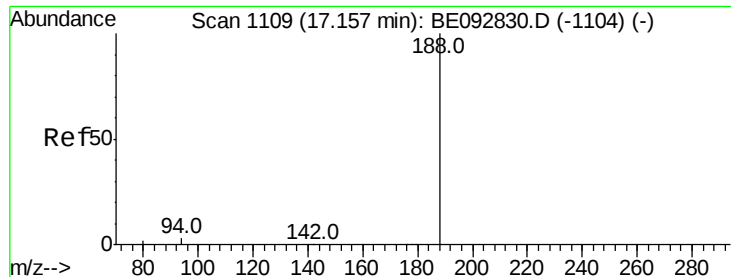
Tot Ion:330 Resp: 1785
 Ion Ratio Lower Upper
 330 100
 332 97.3 75.4 113.0
 141 56.8 31.0 46.6#



#14
 2-Fluorobiphenyl
 Concen: 4.44 ng
 RT: 13.02 min Scan# 840
 Delta R.T. -0.01 min
 Lab File: BE092864.D
 Acq: 29 Mar 2017 12:57

Tgt Ion:172 Resp: 22090
 Ion Ratio Lower Upper
 172 100
 171 34.0 30.1 45.1
 170 21.6 21.8 32.6#

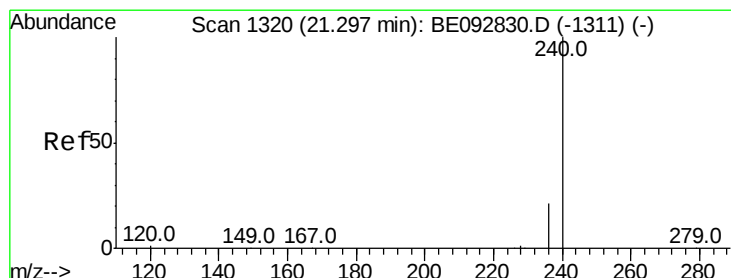
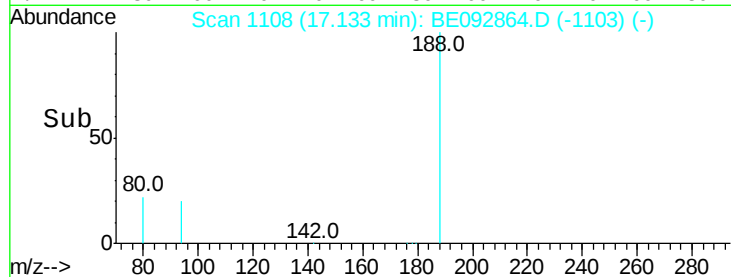
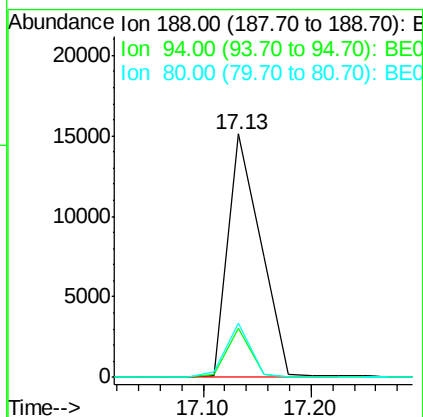
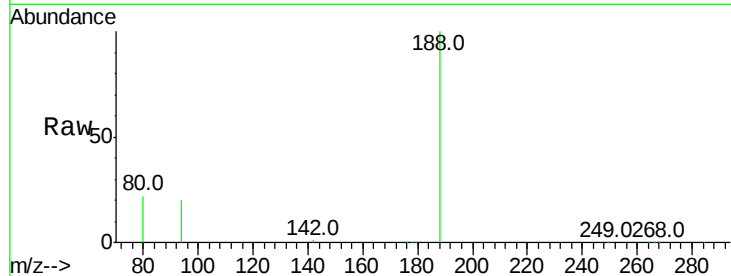




#18
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.13 min Scan# 1108
Delta R.T. -0.02 min
Lab File: BE092864.D
Acq: 29 Mar 2017 12:57

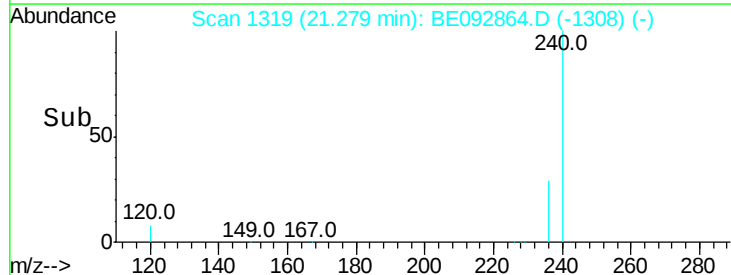
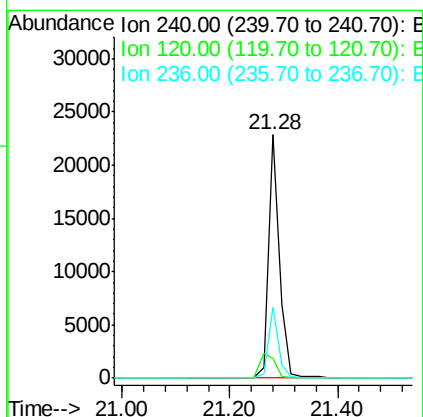
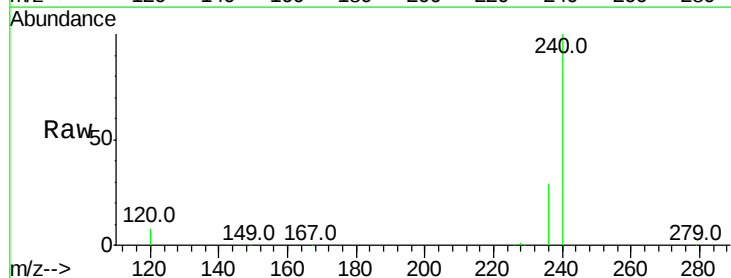
Instrument :
BNA_E
ClientSampleId :
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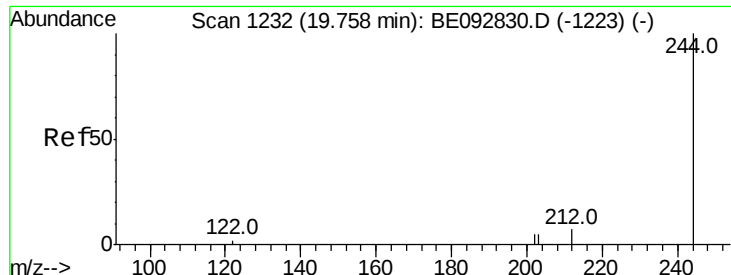
Tot Ion:188 Resp: 31571
Ion Ratio Lower Upper
188 100
94 20.2 3.2 4.8#
80 22.2 2.6 3.8#



#24
Chrysene-d12
Concen: 5.00 ng
RT: 21.28 min Scan# 1319
Delta R.T. -0.02 min
Lab File: BE092864.D
Acq: 29 Mar 2017 12:57

Tgt Ion:240 Resp: 32486
Ion Ratio Lower Upper
240 100
120 8.1 2.6 4.0#
236 28.9 24.6 37.0





#26

Terphenyl-d14

Concen: 3.45 ng

RT: 19.74 min Scan# 1231

Delta R.T. -0.02 min

Lab File: BE092864.D

Acq: 29 Mar 2017 12:57

Instrument :

BNA_E

ClientSampled :

PB97794BL

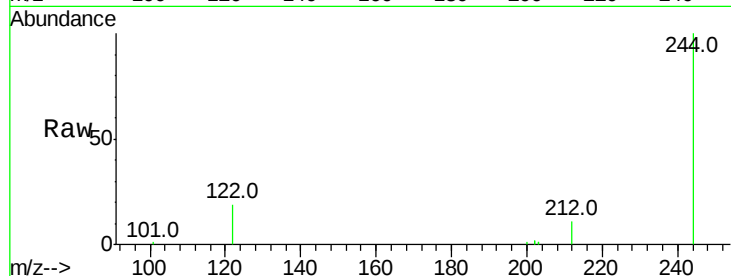
Tot Ion:244 Resp: 19393

Ion Ratio Lower Upper

244 100

212 10.8 6.7 10.1#

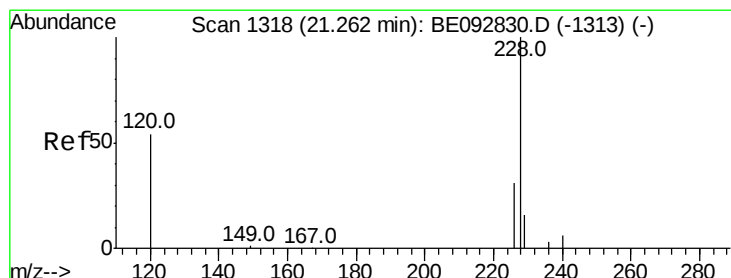
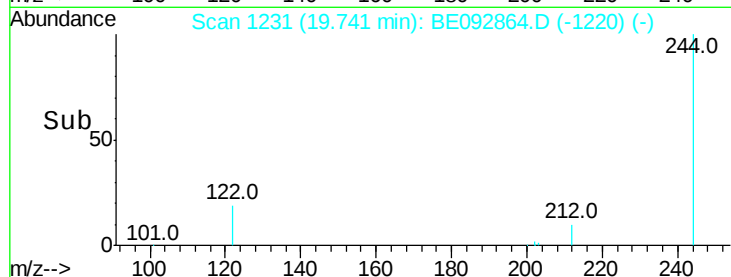
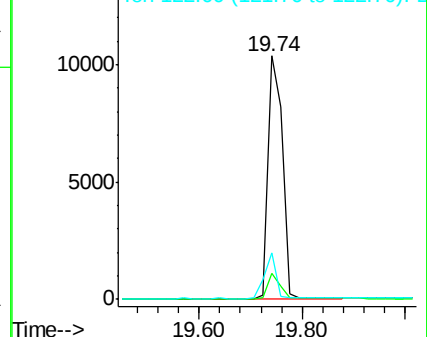
122 19.2 3.6 5.4#



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#27

Benzo(a)anthracene

Concen: 0.02 ng

RT: 21.28 min Scan# 1319

Delta R.T. 0.02 min

Lab File: BE092864.D

Acq: 29 Mar 2017 12:57

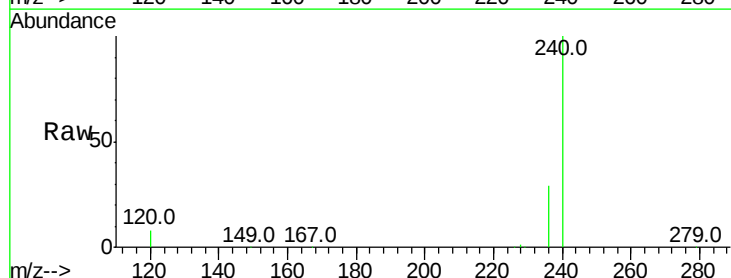
Tgt Ion:228 Resp: 180

Ion Ratio Lower Upper

228 100

226 42.7 23.6 35.4#

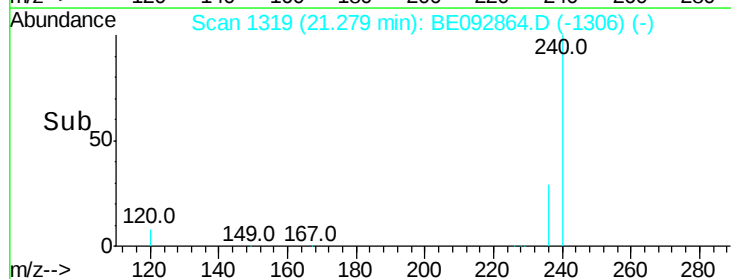
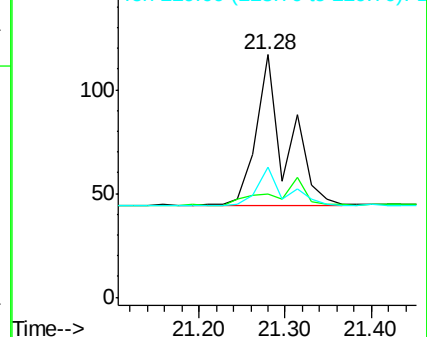
229 53.8 13.3 19.9#

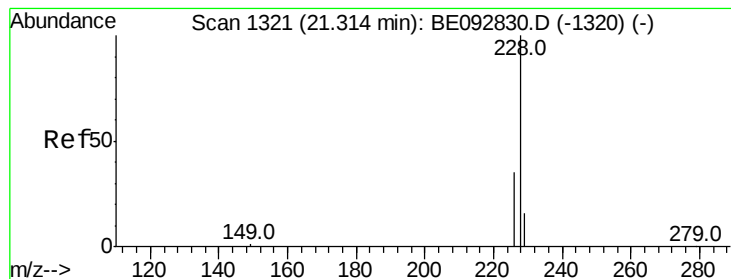


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#28

Chrysene

Concen: 0.02 ng

RT: 21.28 min Scan# 1319

Delta R.T. -0.03 min

Lab File: BE092864.D

Acq: 29 Mar 2017 12:57

Instrument :

BNA_E

ClientSampleId :

PB97794BL

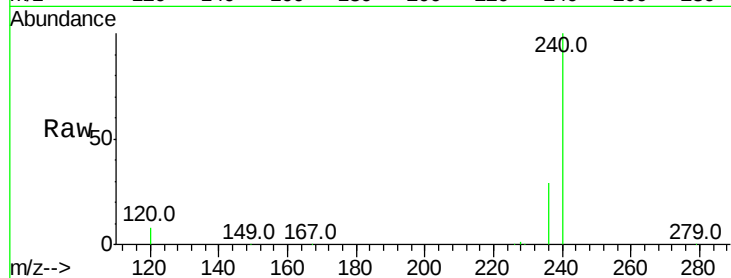
Tot Ion:228 Resp: 181

Ion Ratio Lower Upper

228 100

226 42.7 36.3 54.5

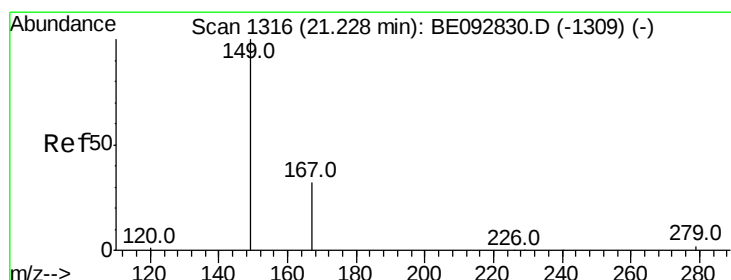
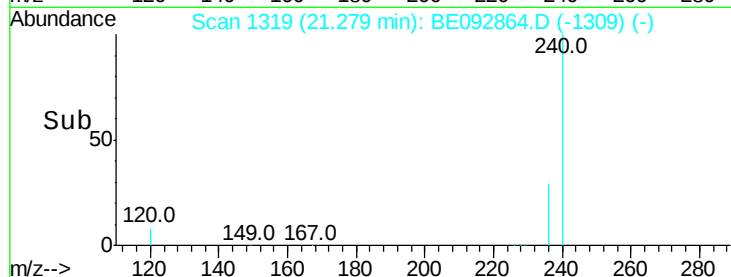
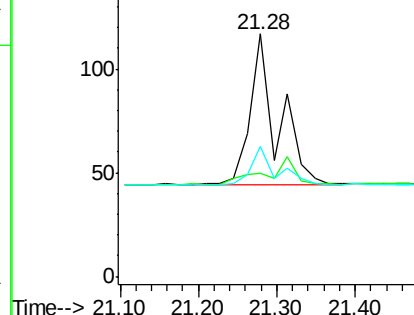
229 53.8 10.6 16.0#



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: Below Cal

RT: 21.21 min Scan# 1315

Delta R.T. -0.02 min

Lab File: BE092864.D

Acq: 29 Mar 2017 12:57

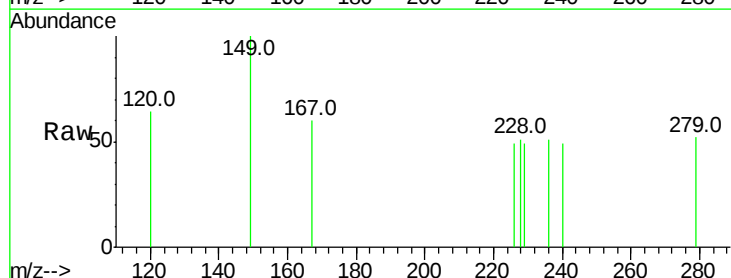
Tgt Ion:149 Resp: 52

Ion Ratio Lower Upper

149 100

167 7.7 16.0 24.0#

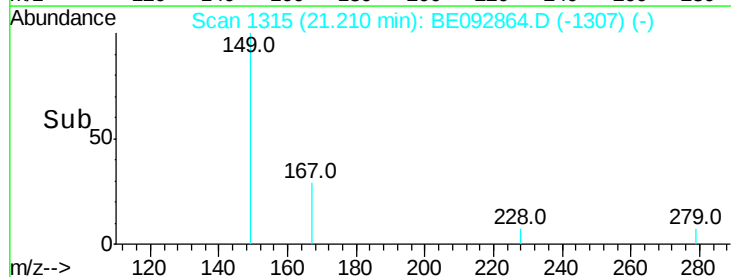
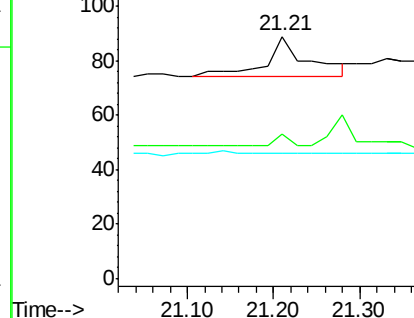
279 0.0 16.0 24.0#

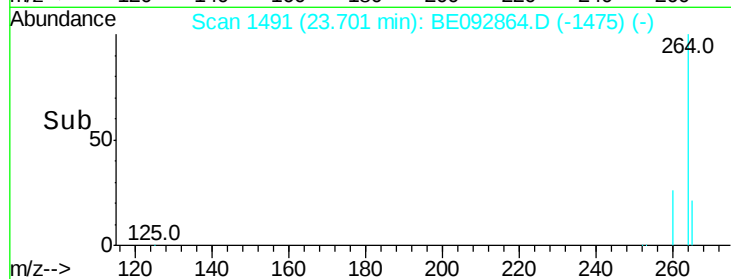
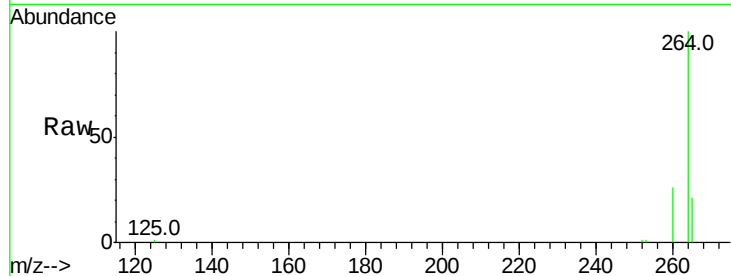
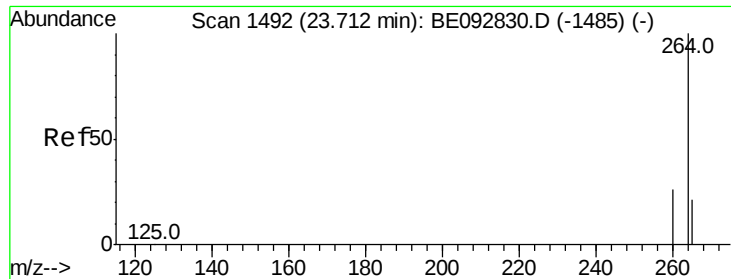


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#31

Pervlene-d12

Concen: 5.00 ng

RT: 23.70 min Scan# 1491

Delta R.T. -0.01 min

Lab File: BE092864.D

Acq: 29 Mar 2017 12:57

Instrument :

BNA_E

ClientSampleId :

PB97794BL

Tot Ion:264 Resp: 27110

Ion Ratio Lower Upper

264 100

260 25.9 20.1 30.1

265 21.4 17.9 26.9

