

Data Path : Z:\HPCHEM1\BNA E\DATA\BE033017\
 Data File : BE092871.D
 Acq On : 30 Mar 2017 11:07
 Operator : SJ/MA
 Sample : PB97603BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 4

Instrument :
 BNA_E
 ClientSampleId :
 PB97603BL

Quant Time: Mar 31 01:34:05 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

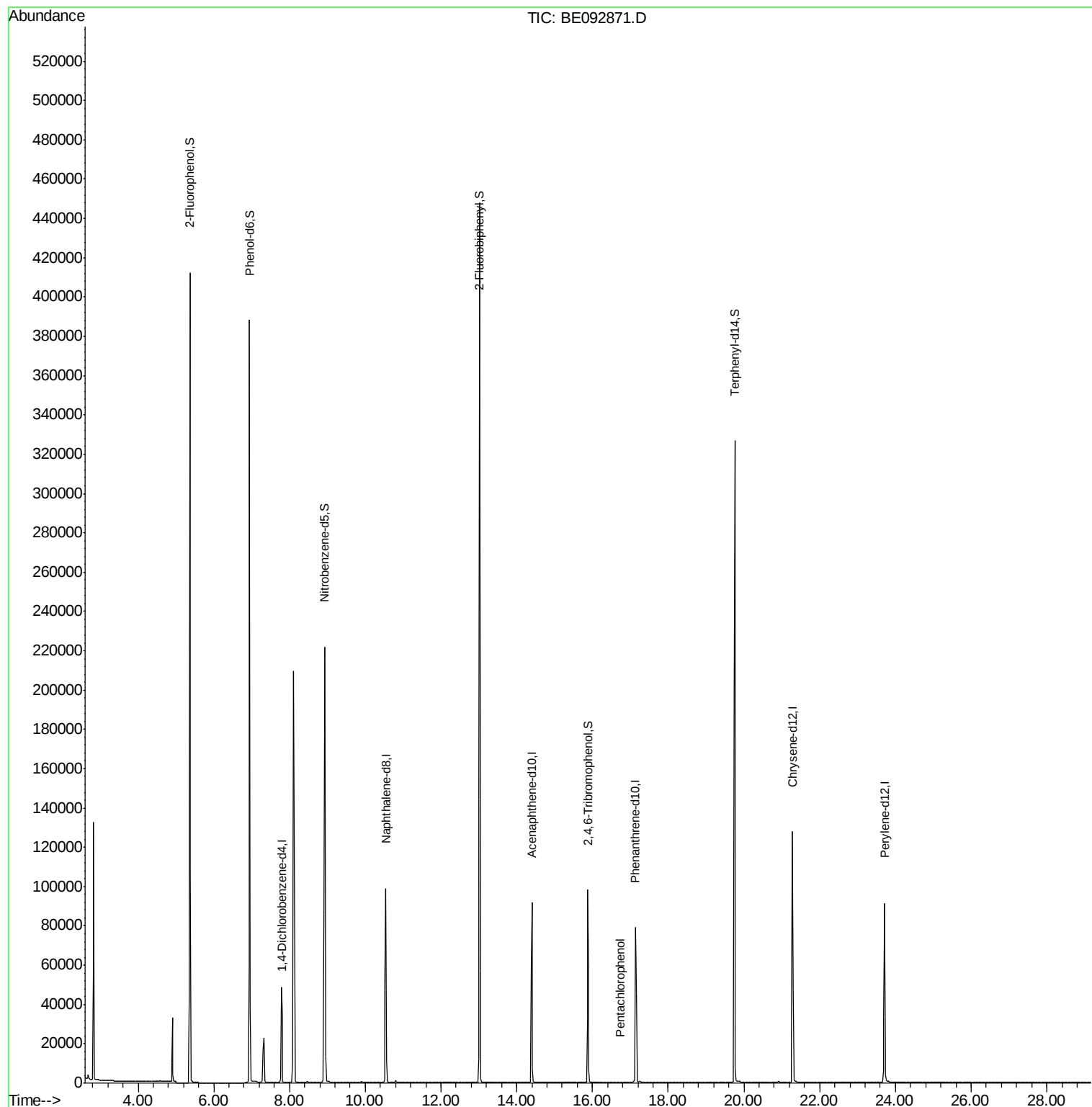
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	33631	20.00	ng	0.00
7) Naphthalene-d8	10.54	136	141177	20.00	ng	0.00
12) Acenaphthene-d10	14.40	164	65021	20.00	ng	0.00
18) Phenanthrene-d10	17.13	188	131413	20.00	ng	-0.02
24) Chrysene-d12	21.28	240	139162	20.00	ng	-0.02
31) Perylene-d12	23.71	264	135156	20.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.37	112	294902	150.61	ng	0.00
5) Phenol-d6	6.95	99	399521	139.07	ng	0.00
8) Nitrobenzene-d5	8.93	82	229670	113.36	ng	0.00
13) 2,4,6-Tribromophenol	15.88	330	53122	209.21	ng	0.00
14) 2-Fluorobiphenyl	13.02	172	443961	82.87	ng	-0.01
26) Terphenyl-d14	19.76	244	442962	73.65	ng	0.00
Target Compounds						
20) Pentachlorophenol	16.74	266	21	0.98	ng	# 71
27) Benzo(a)anthracene	21.28	228	557	0.07	ng	# 76
28) Chrysene	21.28	228	563	0.06	ng	# 60
29) Bis(2-ethylhexyl)phthalate	21.21	149	20	Below Cal		# 56
34) Benzo(a)pyrene	23.70	252	516	0.07	ng	# 52

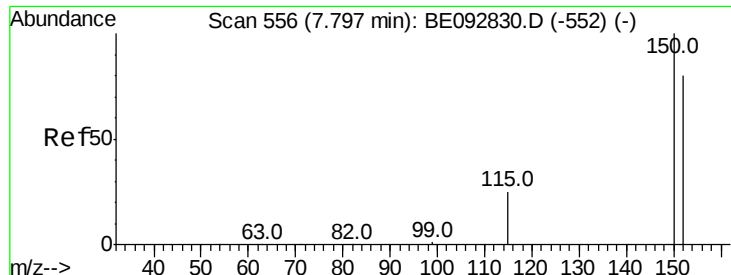
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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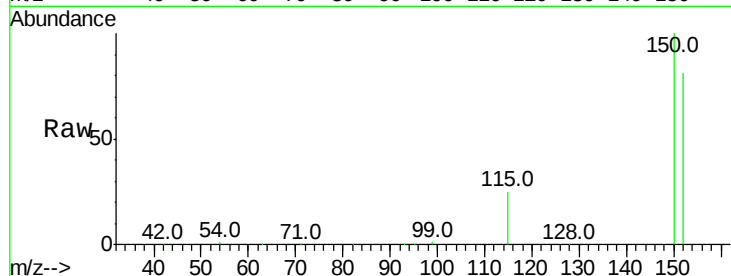


#1

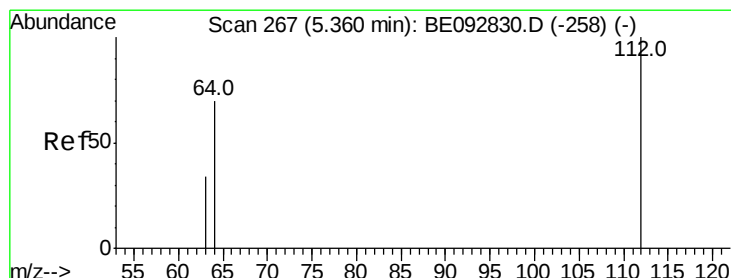
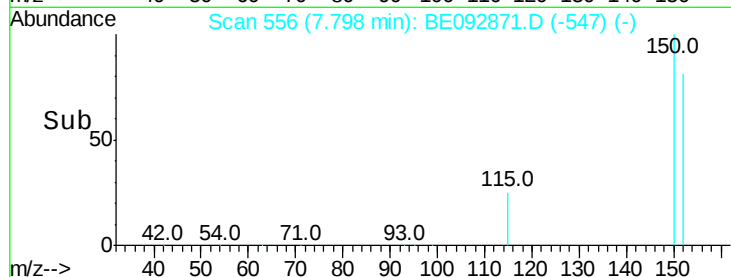
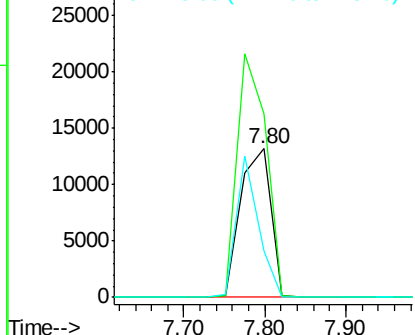
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.80 min Scan# 556
Delta R.T. 0.00 min
Lab File: BE092871.D
Acq: 30 Mar 2017 11:07

Instrument :
BNA_E
ClientSampleId :
PB97603BL

Tot Ion:152 Resp: 33631
Ion Ratio Lower Upper
152 100
150 123.7 106.0 159.0
115 31.0 31.2 46.8#



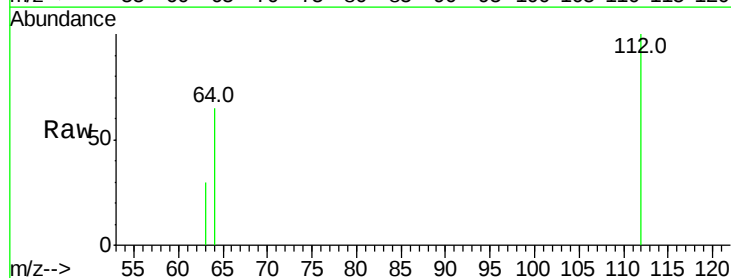
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



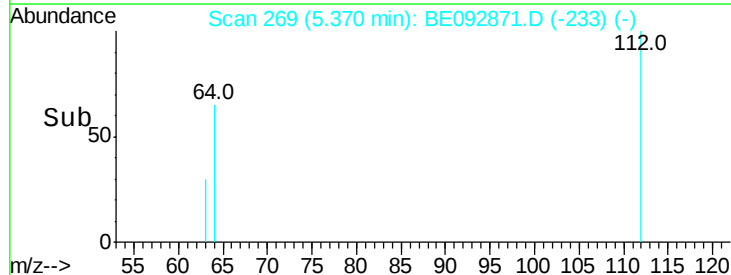
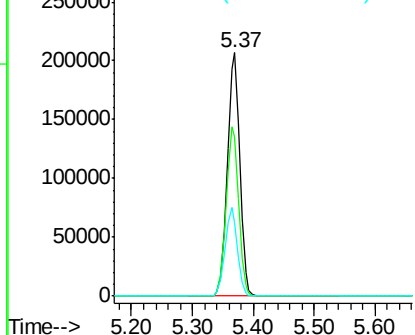
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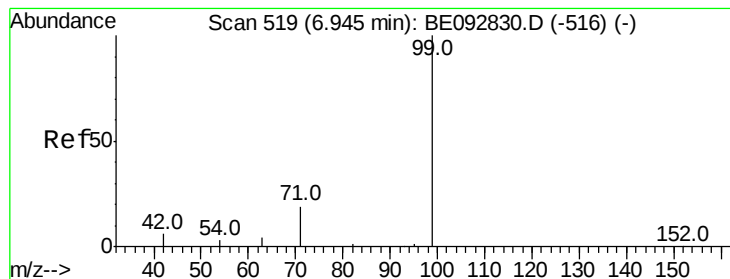
2-Fluorophenol
Concen: 150.61 ng
RT: 5.37 min Scan# 269
Delta R.T. 0.01 min
Lab File: BE092871.D
Acq: 30 Mar 2017 11:07

Tgt Ion:112 Resp: 294902
Ion Ratio Lower Upper
112 100
64 69.9 53.5 80.3
63 35.9 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: 139.07 ng

RT: 6.95 min Scan# 519

Delta R.T. 0.00 min

Lab File: BE092871.D

Acq: 30 Mar 2017 11:07

Instrument :

BNA_E

ClientSampleId :

PB97603BL

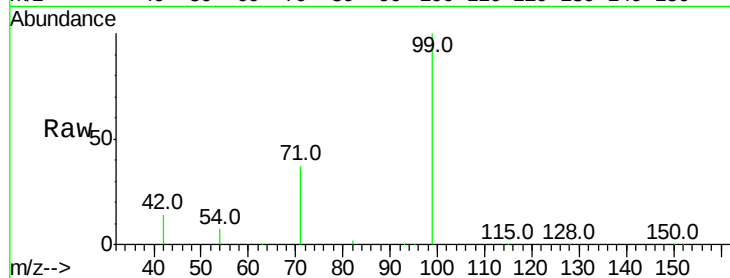
Tot Ion: 99 Resp: 399521

Ion Ratio Lower Upper

99 100

42 19.7 16.0 24.0

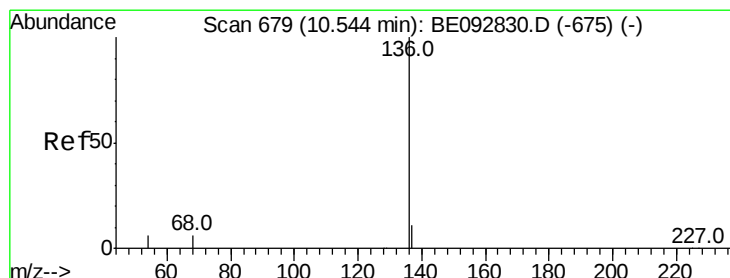
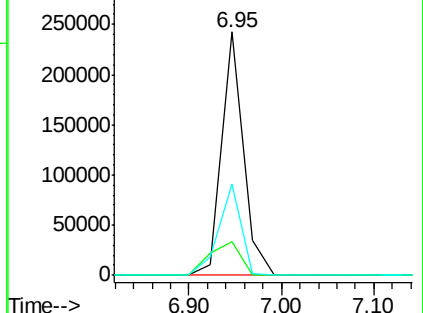
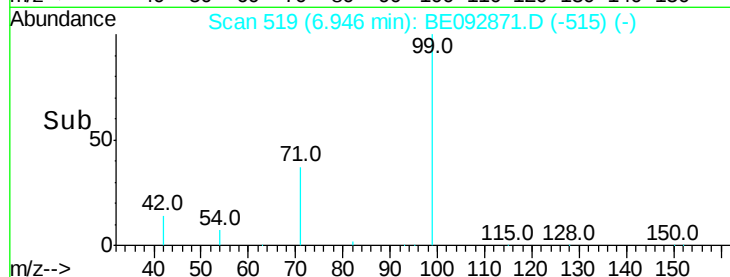
71 38.2 30.6 45.8



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: 20.00 ng

RT: 10.54 min Scan# 679

Delta R.T. 0.00 min

Lab File: BE092871.D

Acq: 30 Mar 2017 11:07

Tgt Ion: 136 Resp: 141177

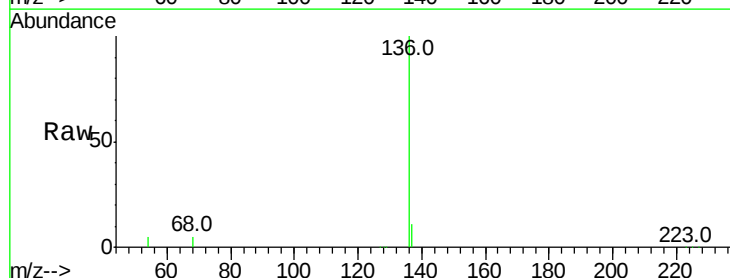
Ion Ratio Lower Upper

136 100

137 11.4 8.2 12.4

54 5.2 9.6 14.4#

68 5.2 6.7 10.1#

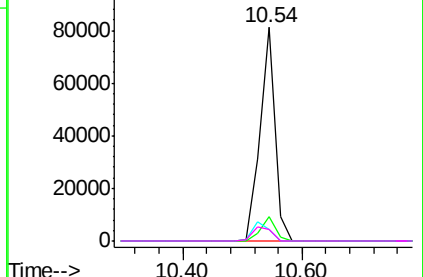
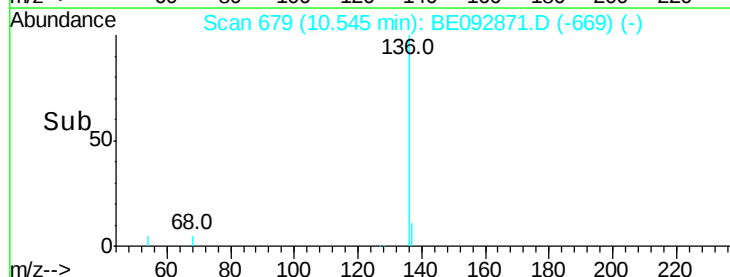


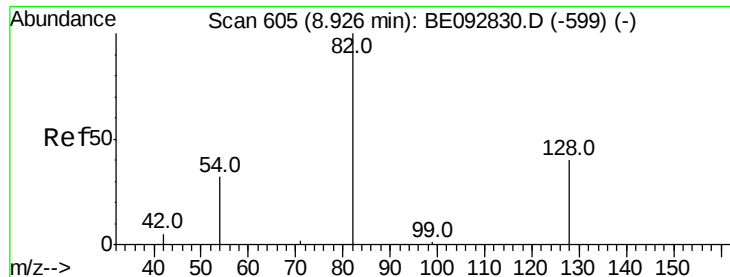
Abundance Ion 136.00 (135.70 to 136.70): E

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

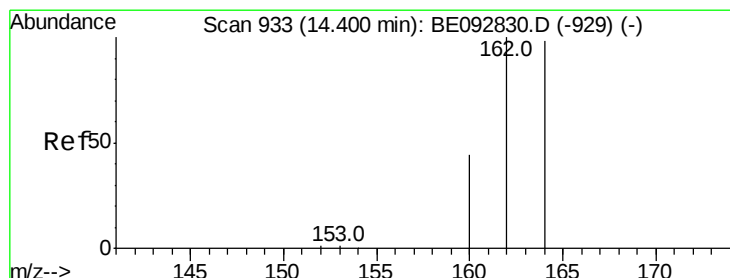
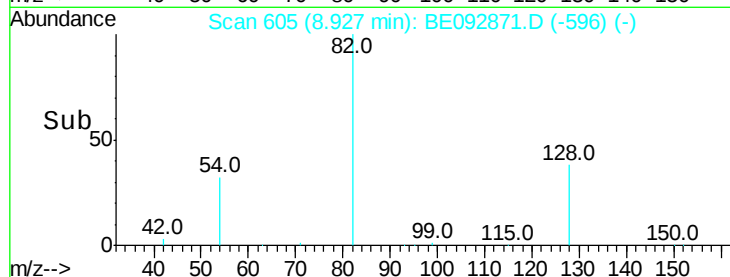
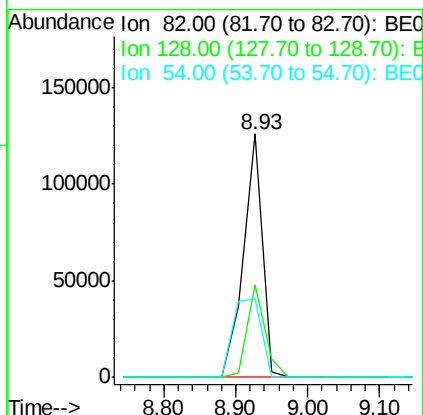
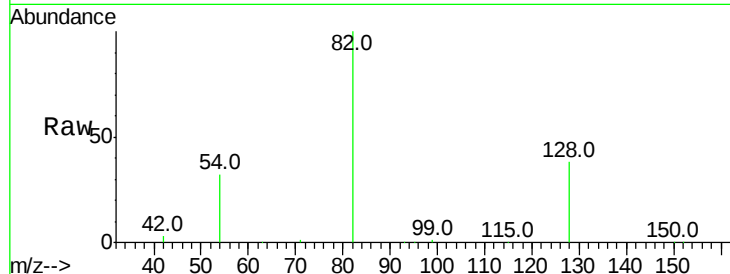




#8
 Nitrobenzene-d5
 Concen: 113.36 ng
 RT: 8.93 min Scan# 605
 Delta R.T. 0.00 min
 Lab File: BE092871.D
 Acq: 30 Mar 2017 11:07

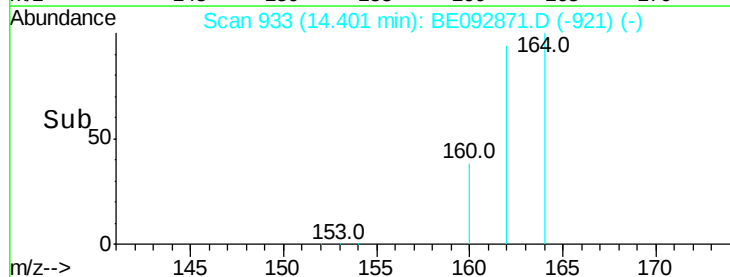
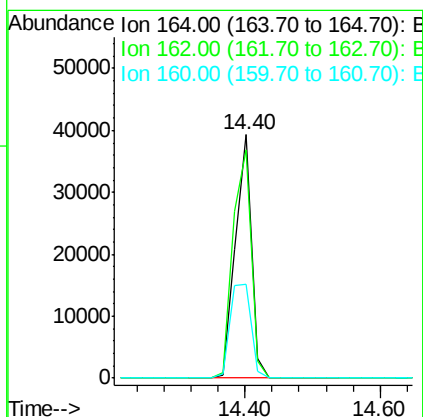
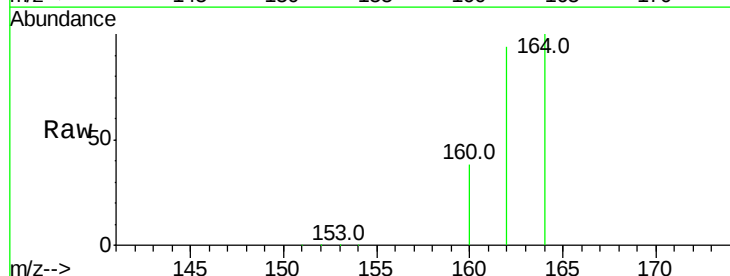
Instrument :
 BNA_E
 ClientSampleId :
 PB97603BL

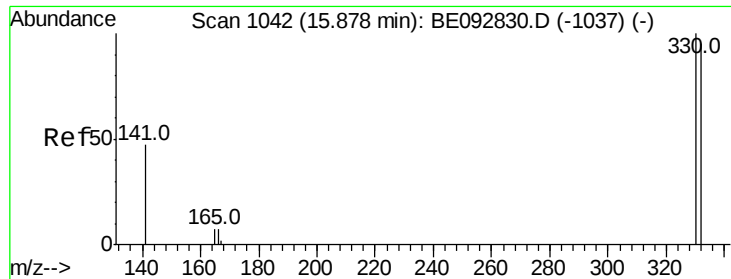
Tot Ion: 82 Resp: 229670
 Ion Ratio Lower Upper
 82 100
 128 38.3 39.0 58.4#
 54 32.5 44.8 67.2#



#12
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.40 min Scan# 933
 Delta R.T. 0.00 min
 Lab File: BE092871.D
 Acq: 30 Mar 2017 11:07

Tgt Ion: 164 Resp: 65021
 Ion Ratio Lower Upper
 164 100
 162 94.0 71.4 107.0
 160 38.3 27.4 41.2

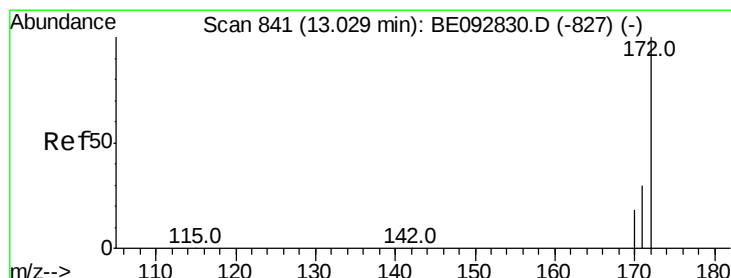
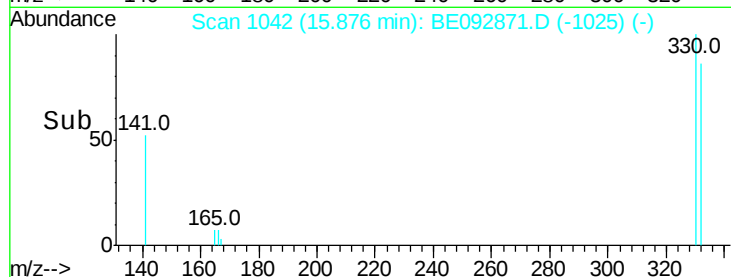
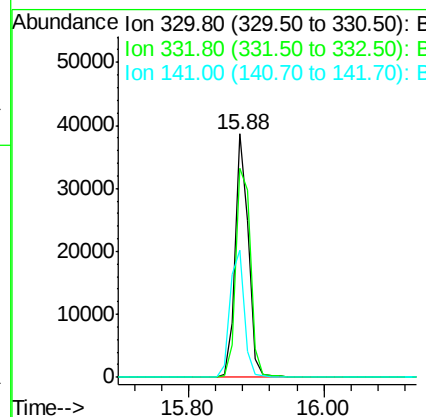
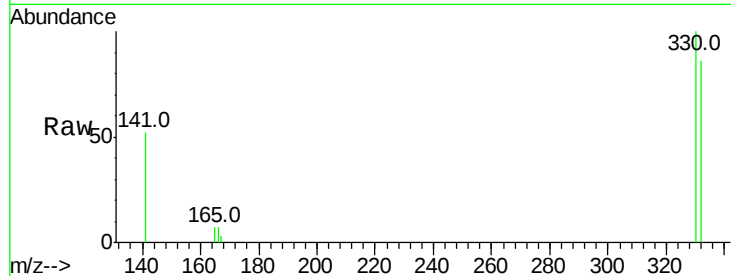




#13
 2,4,6-Tribromophenol
 Concen: 209.21 ng
 RT: 15.88 min Scan# 1042
 Delta R.T. -0.00 min
 Lab File: BE092871.D
 Acq: 30 Mar 2017 11:07

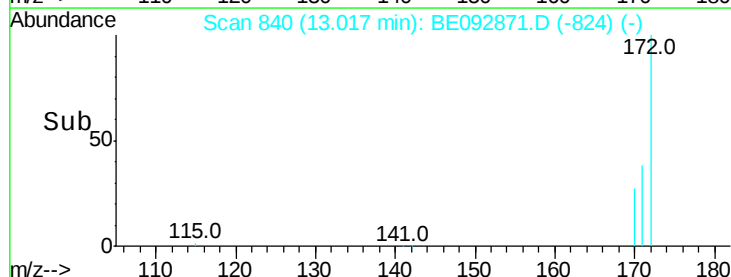
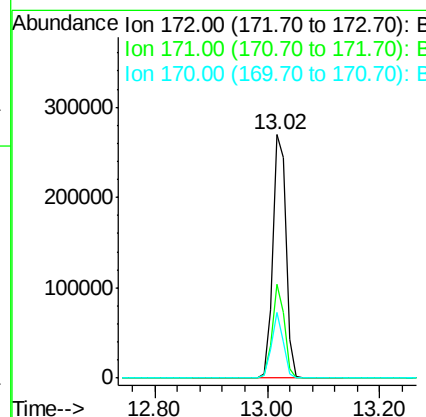
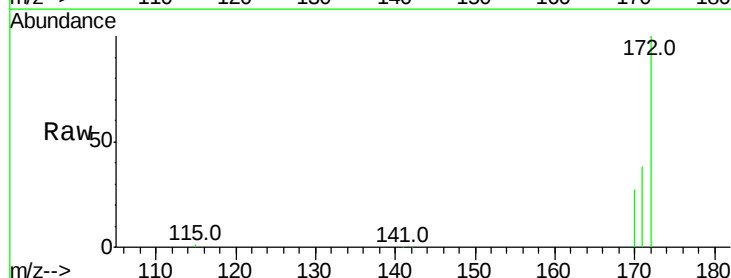
Instrument :
 BNA_E
 ClientSampleId :
 PB97603BL

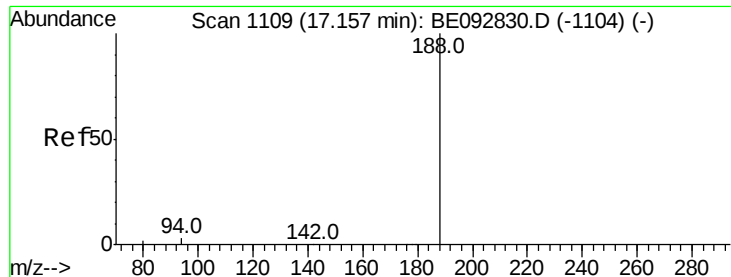
Tot Ion:330 Resp: 53122
 Ion Ratio Lower Upper
 330 100
 332 96.5 75.4 113.0
 141 56.4 31.0 46.6#



#14
 2-Fluorobiphenyl
 Concen: 82.87 ng
 RT: 13.02 min Scan# 840
 Delta R.T. -0.01 min
 Lab File: BE092871.D
 Acq: 30 Mar 2017 11:07

Tgt Ion:172 Resp: 443961
 Ion Ratio Lower Upper
 172 100
 171 38.4 30.1 45.1
 170 27.0 21.8 32.6





#18

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.13 min Scan# 1109

Delta R.T. -0.02 min

Lab File: BE092871.D

Acq: 30 Mar 2017 11:07

Instrument :

BNA_E

ClientSampleId :

PB97603BL

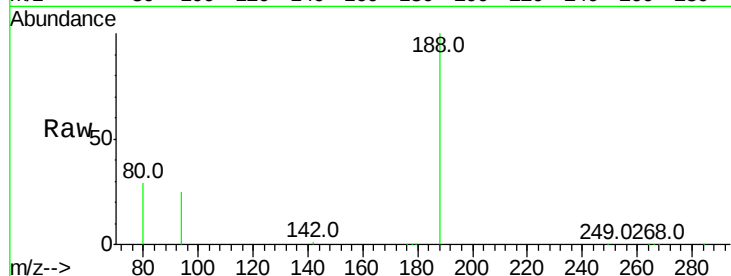
Tot Ion:188 Resp: 131413

Ion Ratio Lower Upper

188 100

94 24.5 3.2 4.8#

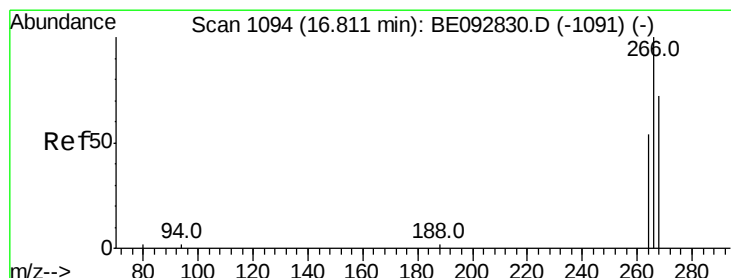
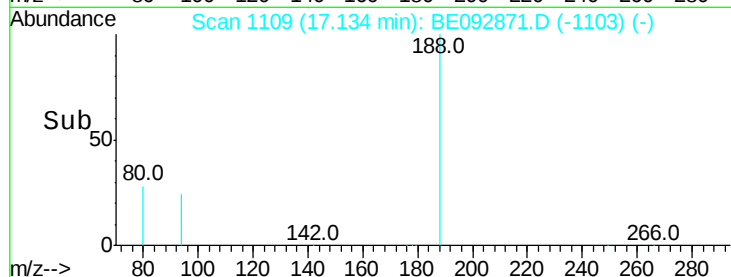
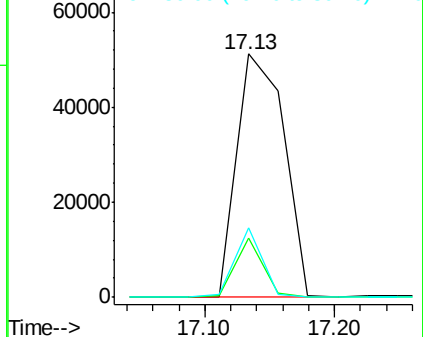
80 28.6 2.6 3.8#



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: 0.98 ng

RT: 16.74 min Scan# 1092

Delta R.T. -0.07 min

Lab File: BE092871.D

Acq: 30 Mar 2017 11:07

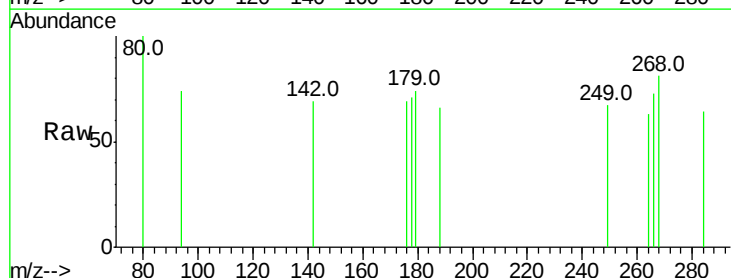
Tgt Ion:266 Resp: 21

Ion Ratio Lower Upper

266 100

268 111.8 62.5 93.7#

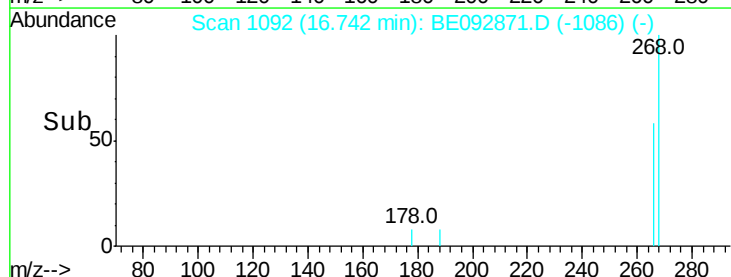
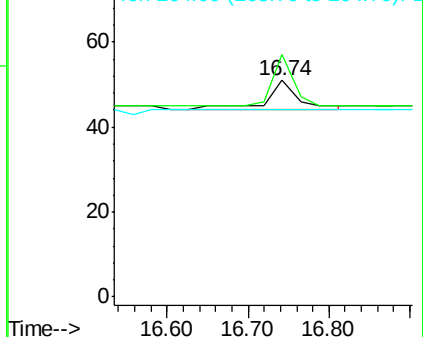
264 86.3 57.2 85.8#

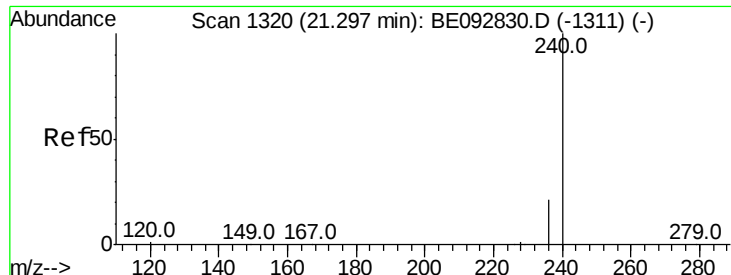


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

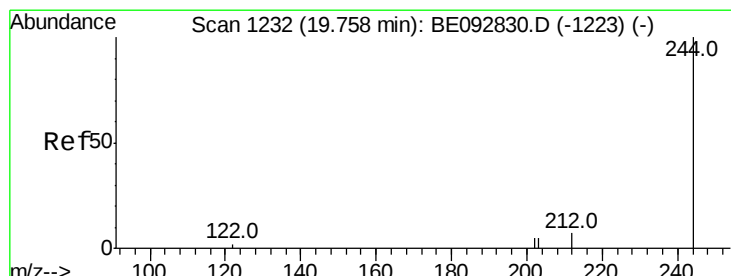
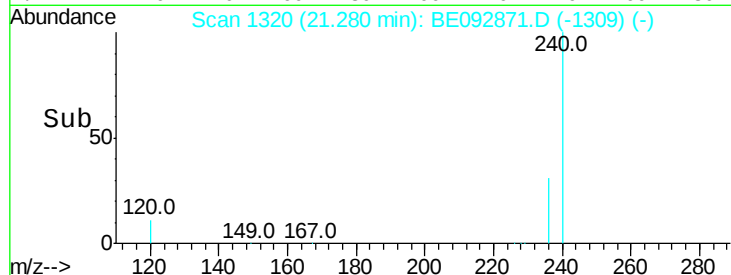
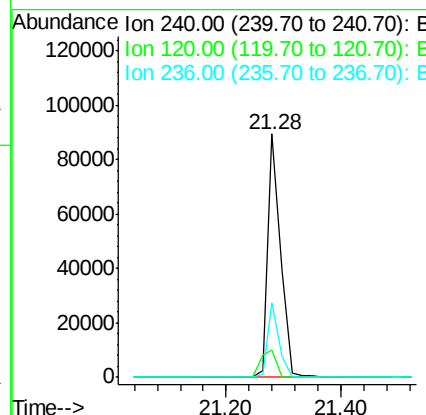
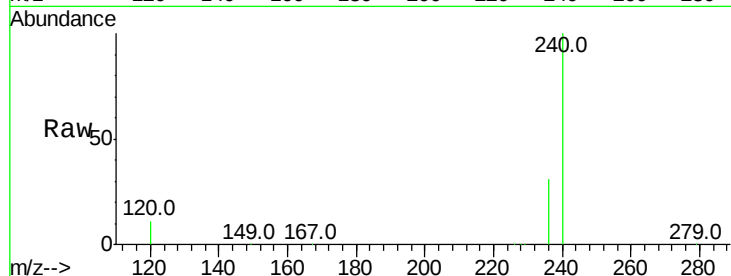




#24
Chrysene-d12
Concen: 20.00 ng
RT: 21.28 min Scan# 1320
Delta R.T. -0.02 min
Lab File: BE092871.D
Acq: 30 Mar 2017 11:07

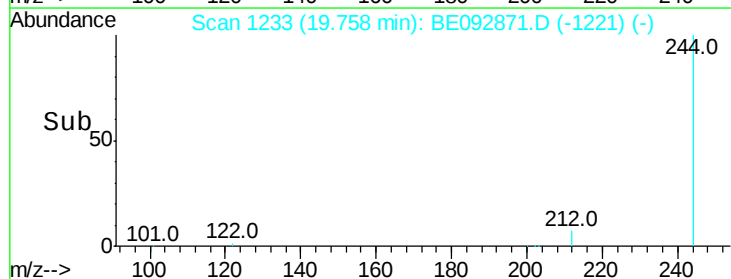
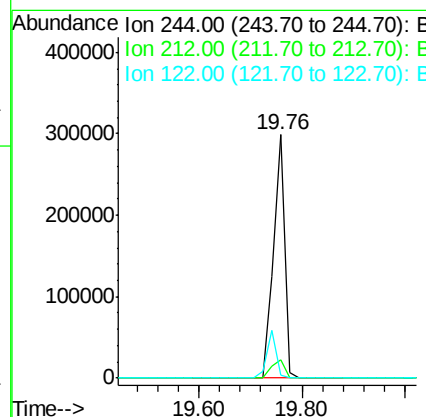
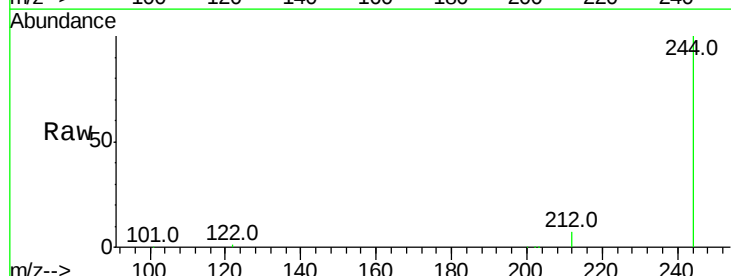
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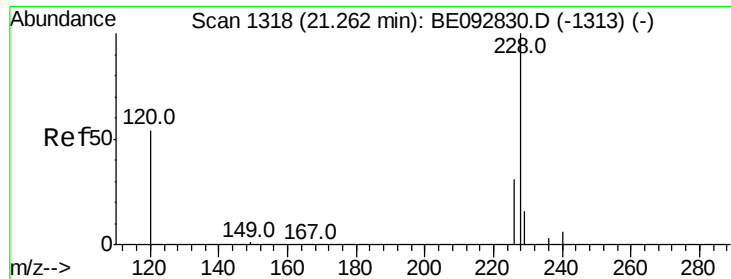
Tot Ion:240 Resp: 139162
Ion Ratio Lower Upper
240 100
120 11.4 2.6 4.0#
236 30.6 24.6 37.0



#26
Terphenyl-d14
Concen: 73.65 ng
RT: 19.76 min Scan# 1233
Delta R.T. 0.00 min
Lab File: BE092871.D
Acq: 30 Mar 2017 11:07

Tgt Ion:244 Resp: 442962
Ion Ratio Lower Upper
244 100
212 7.5 6.7 10.1
122 1.1 3.6 5.4#





#27

Benzo(a)anthracene

Concen: 0.07 ng

RT: 21.28 min Scan# 1320

Delta R.T. 0.02 min

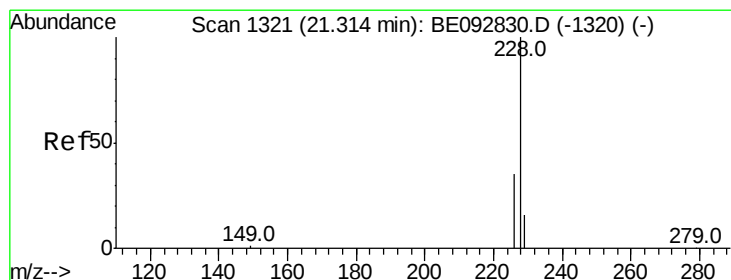
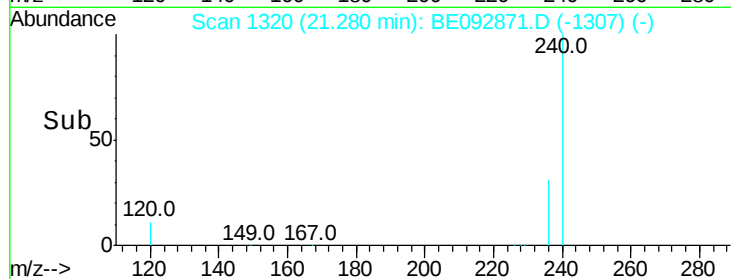
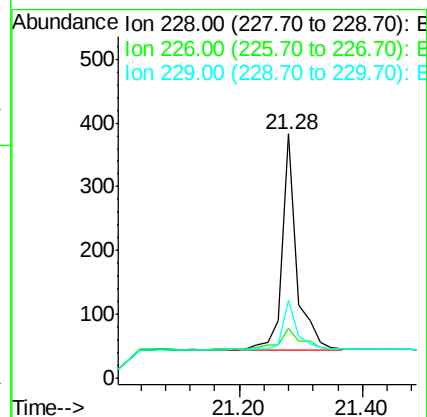
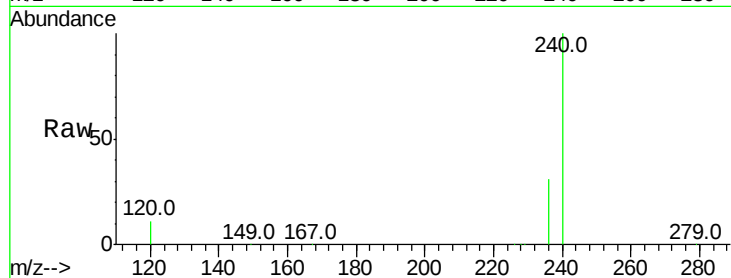
Lab File: BE092871.D

Acq: 30 Mar 2017 11:07

Instrument :
BNA_E
ClientSampleId :
PB97603BL

Tot Ion:228 Resp: 557

Ion	Ratio	Lower	Upper
228	100		
226	20.1	23.6	35.4#
229	31.9	13.3	19.9#



#28

Chrysene

Concen: 0.06 ng

RT: 21.28 min Scan# 1320

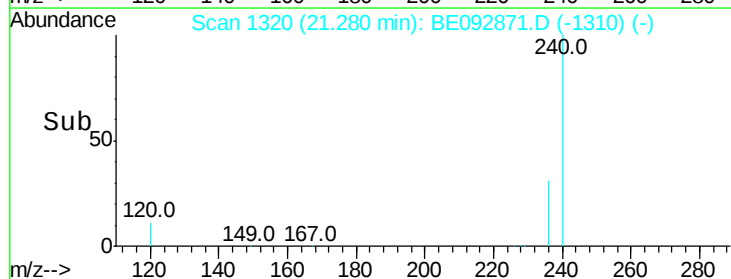
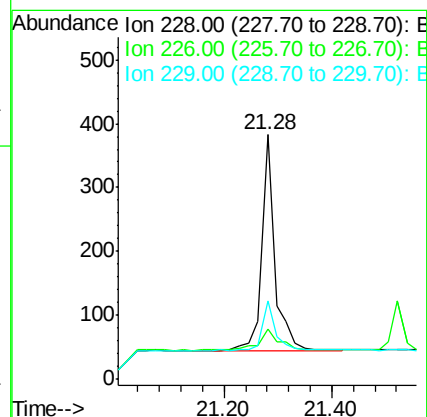
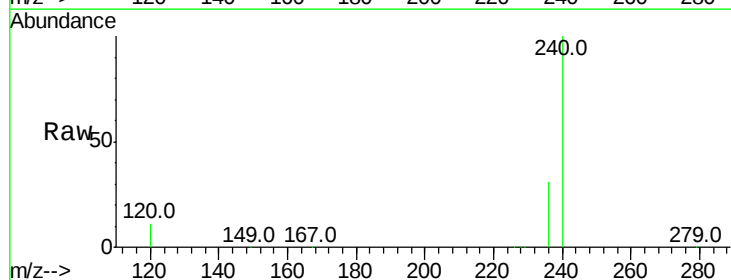
Delta R.T. -0.03 min

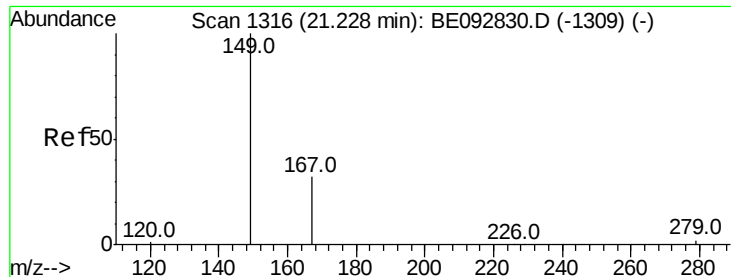
Lab File: BE092871.D

Acq: 30 Mar 2017 11:07

Tgt Ion:228 Resp: 563

Ion	Ratio	Lower	Upper
228	100		
226	20.1	36.3	54.5#
229	31.9	10.6	16.0#

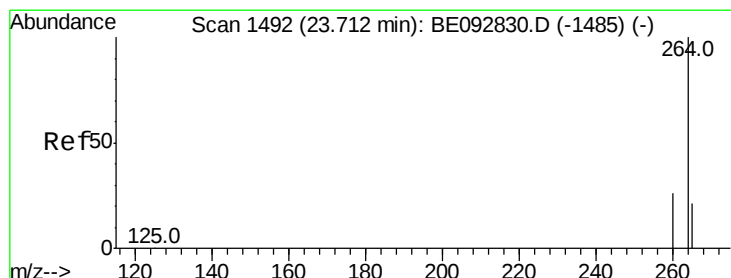
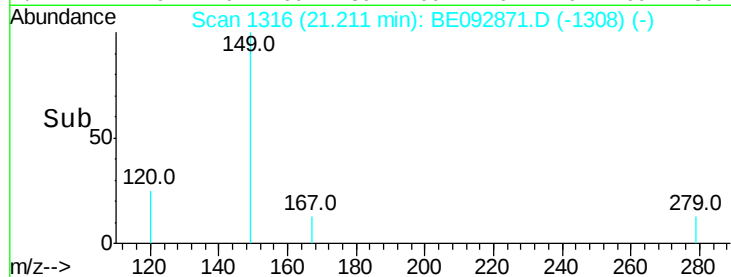
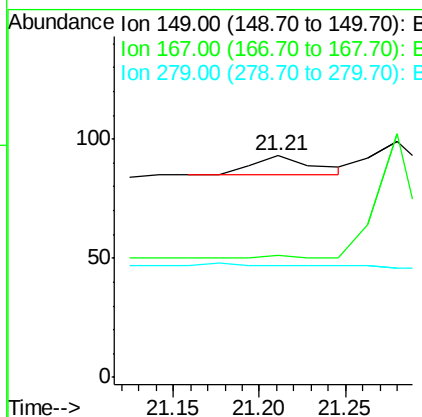
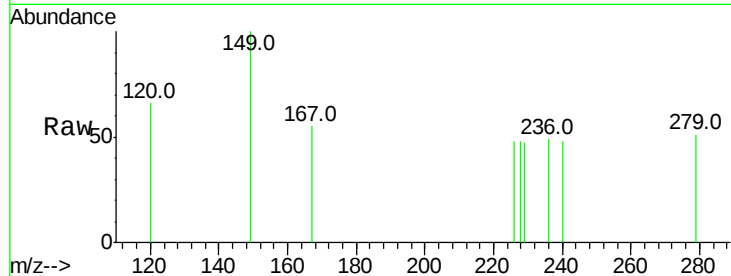




#29
 Bis(2-ethylhexyl)phthalate
 Concen: Below Cal
 RT: 21.21 min Scan# 1316
 Delta R.T. -0.02 min
 Lab File: BE092871.D
 Acq: 30 Mar 2017 11:07

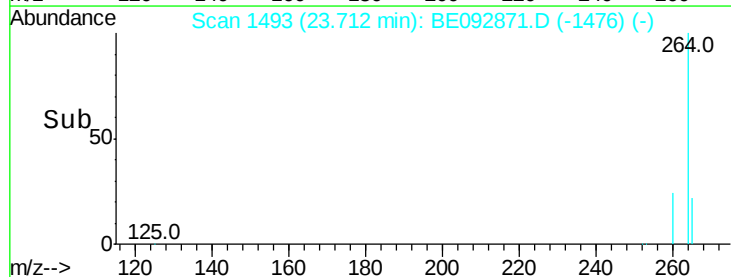
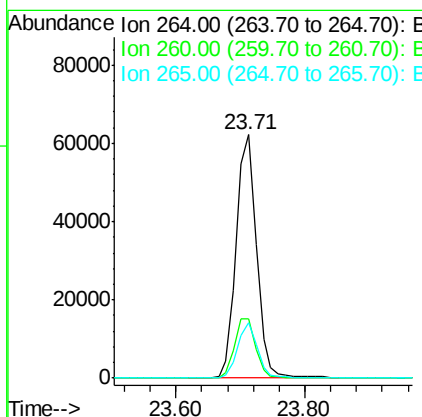
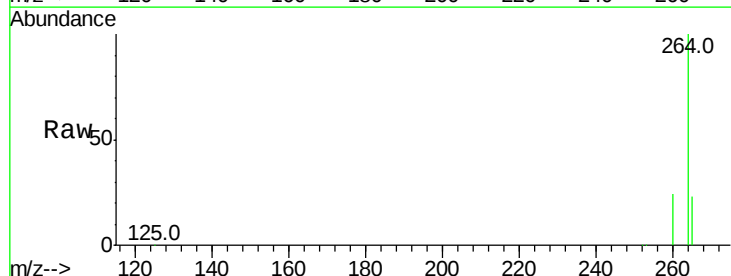
Instrument :
 BNA_E
 ClientSampleId :
 PB97603BL

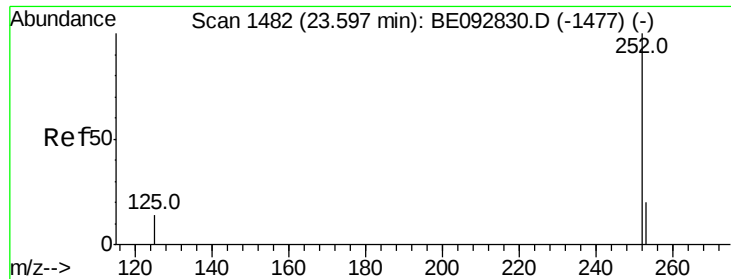
Tot Ion:149 Resp: 20
 Ion Ratio Lower Upper
 149 100
 167 0.0 16.0 24.0#
 279 0.0 16.0 24.0#



#31
 Perylene-d12
 Concen: 20.00 ng
 RT: 23.71 min Scan# 1493
 Delta R.T. 0.00 min
 Lab File: BE092871.D
 Acq: 30 Mar 2017 11:07

Tgt Ion:264 Resp: 135156
 Ion Ratio Lower Upper
 264 100
 260 24.1 20.1 30.1
 265 22.5 17.9 26.9





#34

Benzo(a)pyrene

Concen: 0.07 ng

RT: 23.70 min Scan# 1492

Delta R.T. 0.10 min

Lab File: BE092871.D

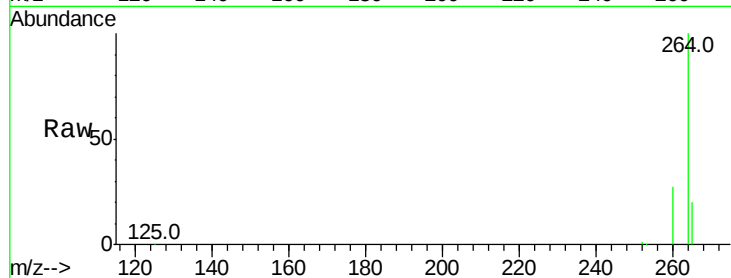
Acq: 30 Mar 2017 11:07

Instrument :

BNA_E

ClientSampleId :

PB97603BL



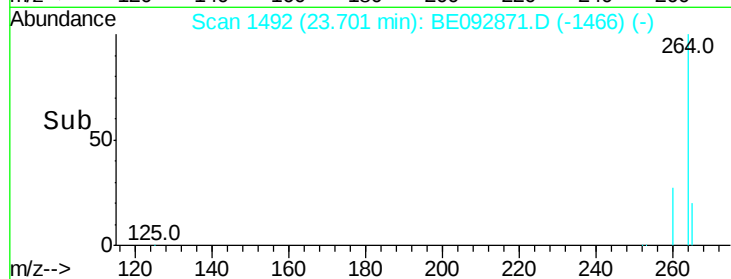
Tot Ion: 252 Resp: 516

Ion Ratio Lower Upper

252 100

253 43.2 19.0 28.6#

125 39.9 11.8 17.8#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

