

Data Path : Z:\HPCHEM1\BNA E\DATA\BE022817\
 Data File : BE092771.D
 Acq On : 28 Feb 2017 20:09
 Operator : SJ/MA
 Sample : I2006-08
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 CPS073052

Quant Time: Mar 01 08:07:52 2017
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE021517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 15 17:05:20 2017
 Response via : Initial Calibration

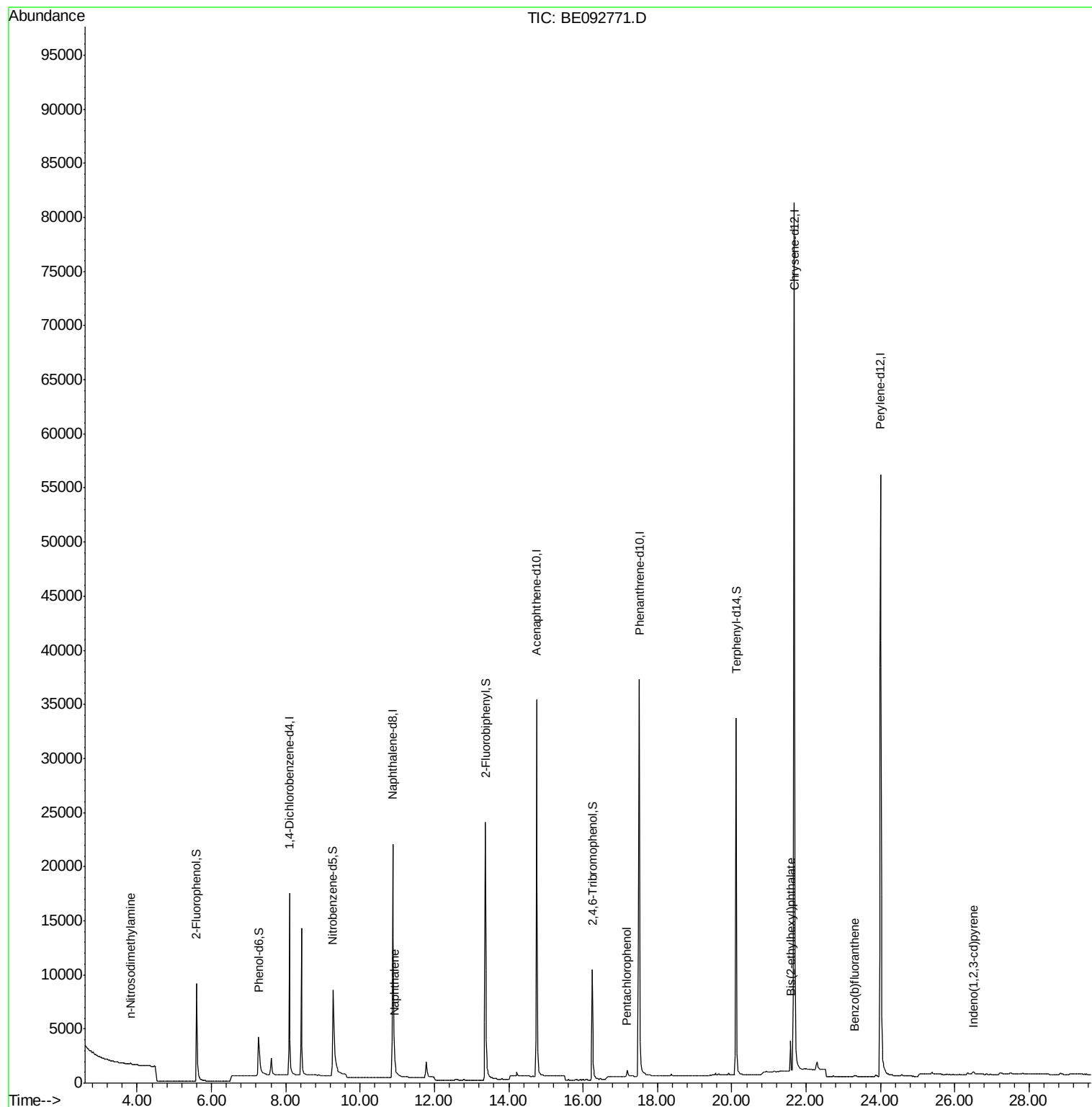
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.10	152	9940	5.00	ng	-0.02
7) Naphthalene-d8	10.87	136	41561	5.00	ng	-0.02
12) Acenaphthene-d10	14.75	164	24325	5.00	ng	-0.02
18) Phenanthrene-d10	17.51	188	61819	5.00	ng	0.00
24) Chrysene-d12	21.68	240	97682	5.00	ng	-0.02
31) Perylene-d12	24.01	264	84511	5.00	ng	-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.60	112	9199	4.76	ng	-0.03
5) Phenol-d6	7.27	99	6834	2.88	ng	-0.05
8) Nitrobenzene-d5	9.27	82	12903	4.60	ng	-0.05
13) 2,4,6-Tribromophenol	16.25	330	8603	16.67	ng	-0.03
14) 2-Fluorobiphenyl	13.38	172	32009	5.40	ng	-0.02
26) Terphenyl-d14	20.12	244	58234	4.67	ng	-0.02
Target Compounds						Qvalue
3) n-Nitrosodimethylamine	3.83	42	52	0.24	ng	# 2
9) Naphthalene	10.93	128	228	0.03	ng	# 18
20) Pentachlorophenol	17.19	266	608	1.09	ng	92
29) Bis(2-ethylhexyl)phthalate	21.59	149	5155	0.45	ng	# 74
30) Indeno(1,2,3-cd)pyrene	26.50	276	611	0.04	ng	# 88
32) Benzo(b)fluoranthene	23.30	252	145	0.04	ng	# 1

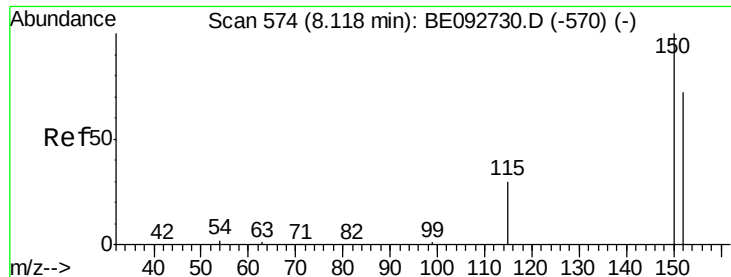
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 8.10 min Scan# 573

Delta R.T. -0.02 min

Lab File: BE092771.D

Acq: 28 Feb 2017 20:09

Instrument :

BNA_E

ClientSampled :

CPS073052

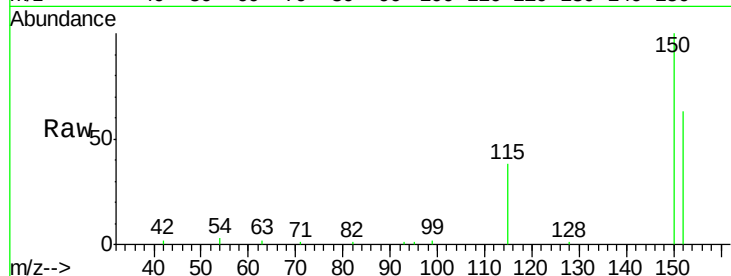
Tot Ion:152 Resp: 9940

Ion Ratio Lower Upper

152 100

150 158.6 106.0 159.0

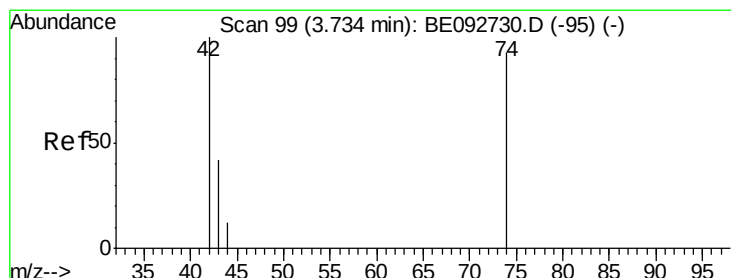
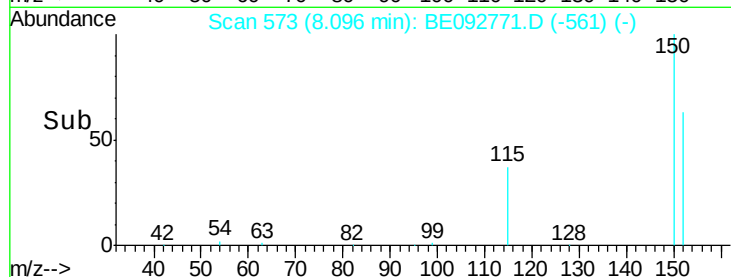
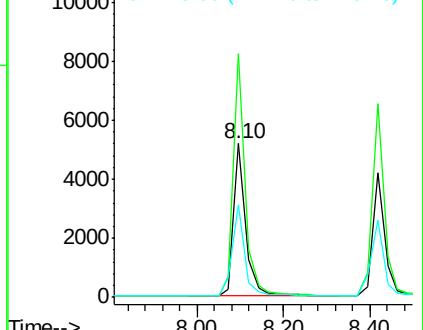
115 60.1 31.2 46.8#



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: 0.24 ng

RT: 3.83 min Scan# 107

Delta R.T. 0.09 min

Lab File: BE092771.D

Acq: 28 Feb 2017 20:09

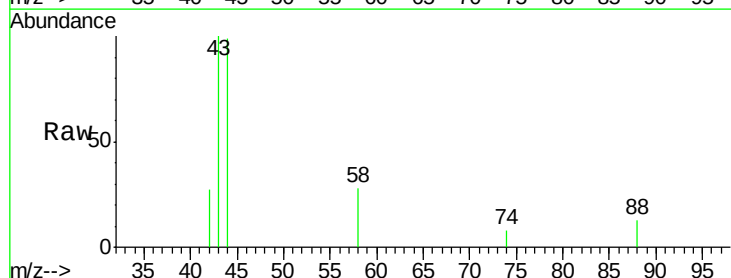
Tgt Ion: 42 Resp: 52

Ion Ratio Lower Upper

42 100

74 0.0 86.0 129.0#

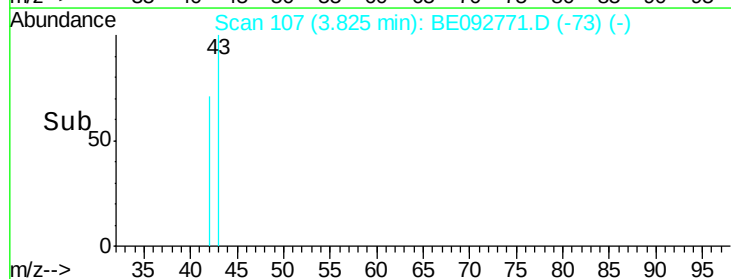
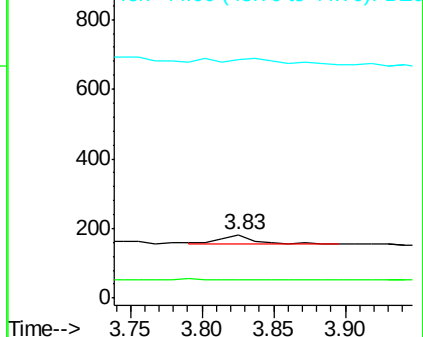
44 0.0 5.1 7.7#

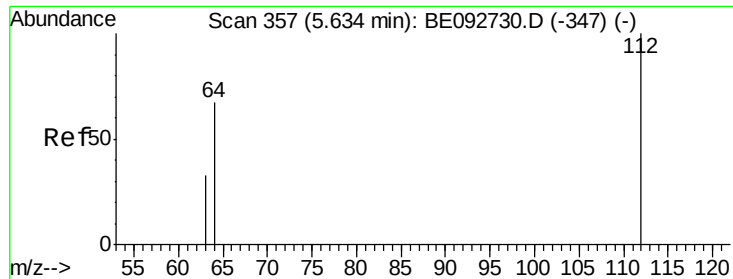


Abundance Ion 42.00 (41.70 to 42.70): BE0

Ion 74.00 (73.70 to 74.70): BE0

Ion 44.00 (43.70 to 44.70): BE0





#4

2-Fluorophenol

Concen: 4.76 ng

RT: 5.60 min Scan# 351

Delta R.T. -0.03 min

Lab File: BE092771.D

Acq: 28 Feb 2017 20:09

Instrument :

BNA_E

ClientSampleId :

CPS073052

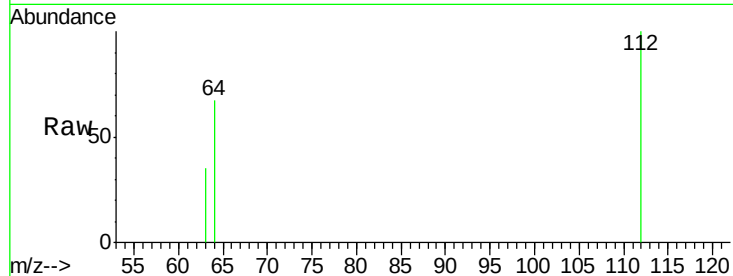
Tot Ion:112 Resp: 9199

Ion Ratio Lower Upper

112 100

64 68.4 53.5 80.3

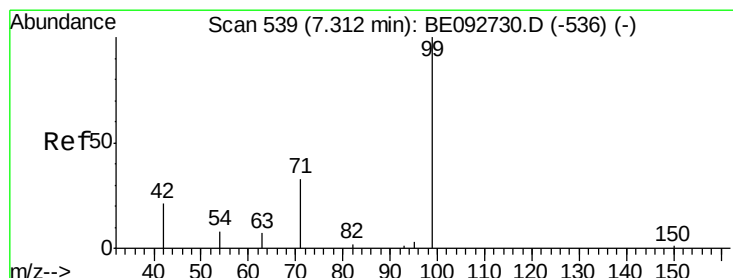
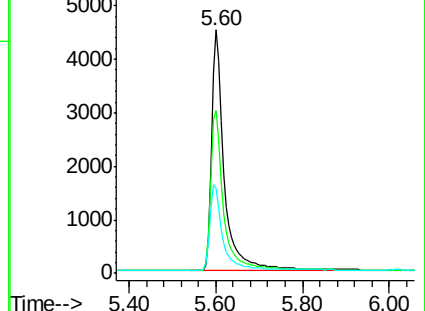
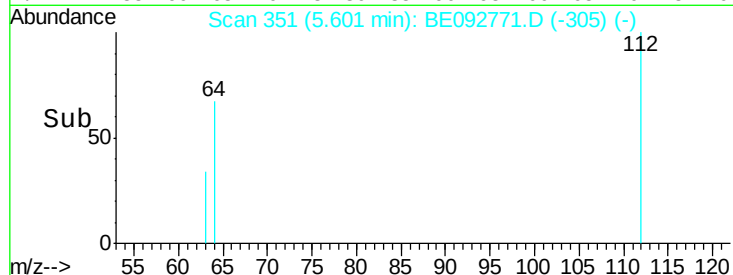
63 36.4 27.9 41.9



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: 2.88 ng

RT: 7.27 min Scan# 537

Delta R.T. -0.05 min

Lab File: BE092771.D

Acq: 28 Feb 2017 20:09

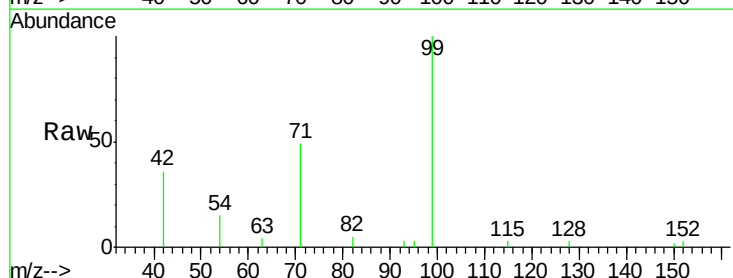
Tgt Ion: 99 Resp: 6834

Ion Ratio Lower Upper

99 100

42 24.6 16.0 24.0#

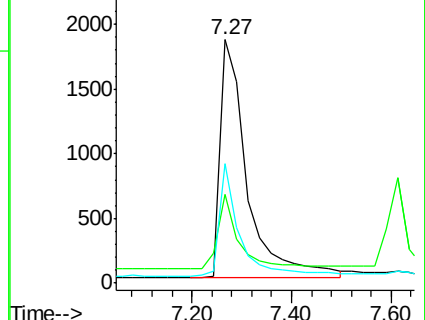
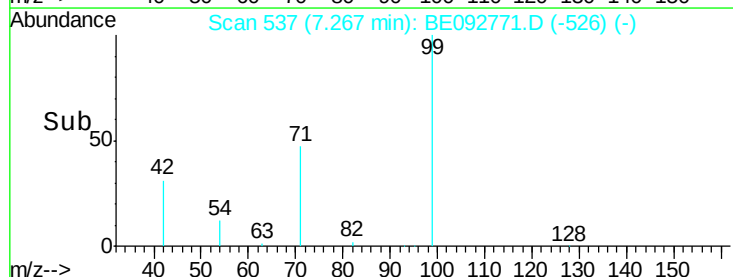
71 35.7 30.6 45.8

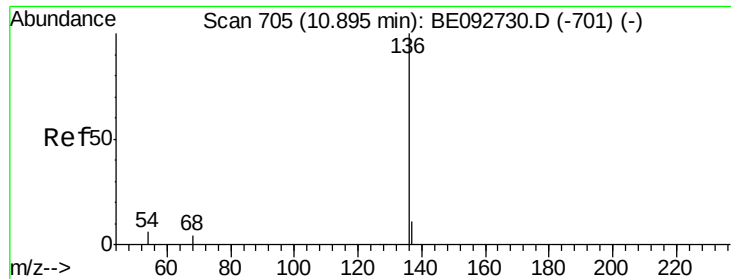


Abundance Ion 99.00 (98.70 to 99.70): BE0

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: 10.87 min Scan# 704

Delta R.T. -0.02 min

Lab File: BE092771.D

Acq: 28 Feb 2017 20:09

Instrument :

BNA_E

ClientSampleId :

CPS073052

Tot Ion:136 Resp: 41561

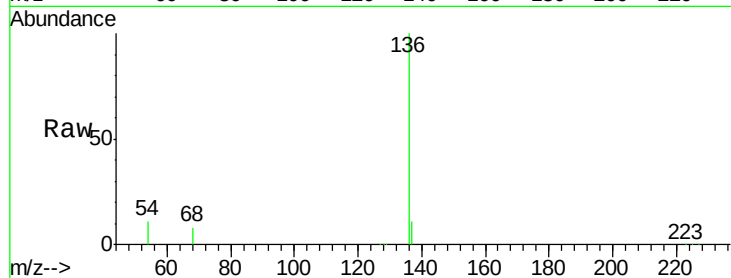
Ion Ratio Lower Upper

136 100

137 10.7 8.2 12.4

54 10.7 9.6 14.4

68 7.6 6.7 10.1



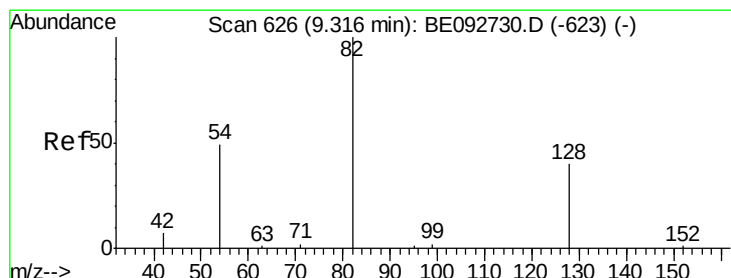
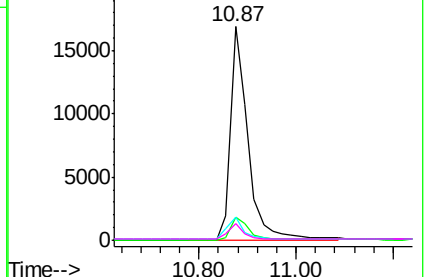
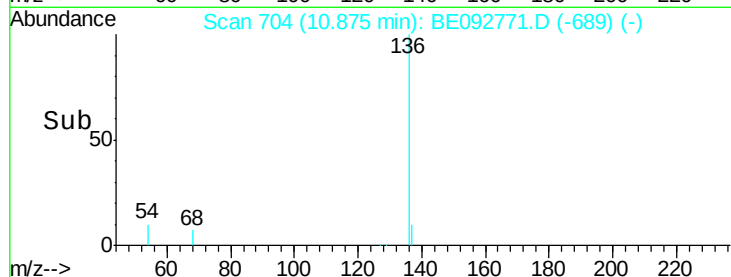
Abundance Ion 136.00 (135.70 to 136.70): E

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

Time-->



#8

Nitrobenzene-d5

Concen: 4.60 ng

RT: 9.27 min Scan# 624

Delta R.T. -0.05 min

Lab File: BE092771.D

Acq: 28 Feb 2017 20:09

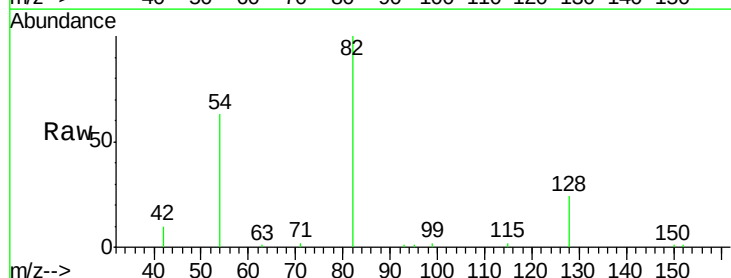
Tgt Ion: 82 Resp: 12903

Ion Ratio Lower Upper

82 100

128 23.9 39.0 58.4#

54 62.9 44.8 67.2

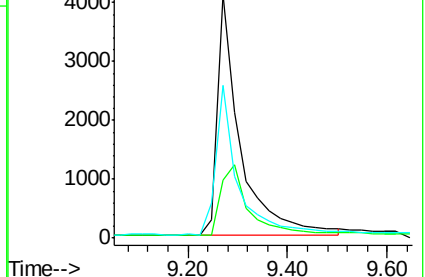
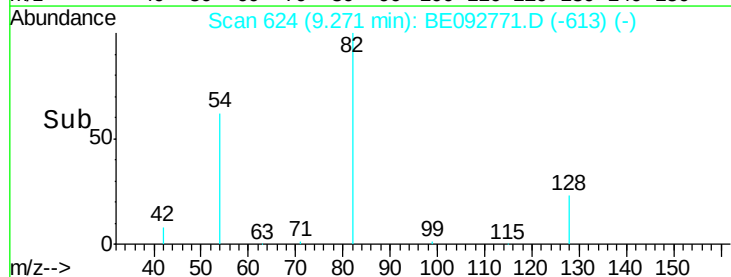


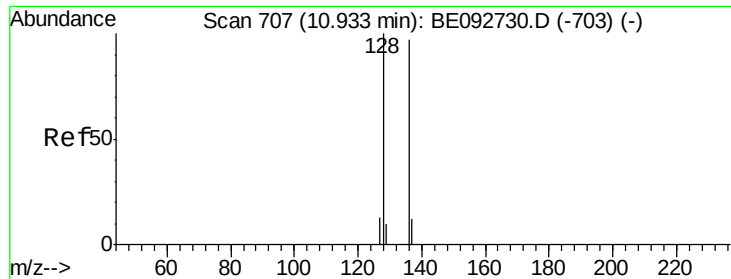
Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0

Time-->





#9

Naphthalene

Concen: 0.03 ng

RT: 10.93 min Scan# 707

Delta R.T. -0.00 min

Lab File: BE092771.D

Acq: 28 Feb 2017 20:09

Instrument :

BNA_E

ClientSampleId :

CPS073052

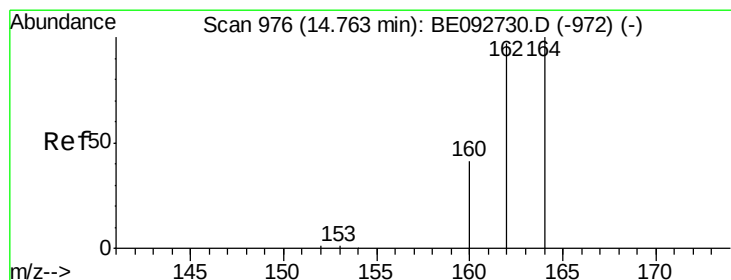
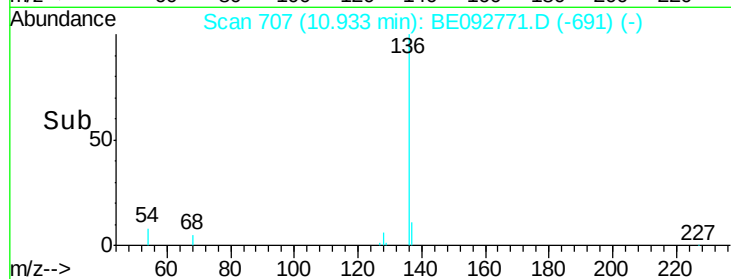
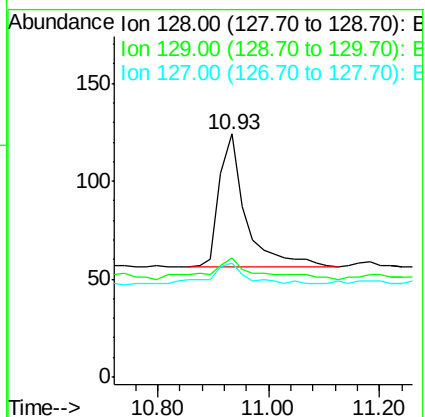
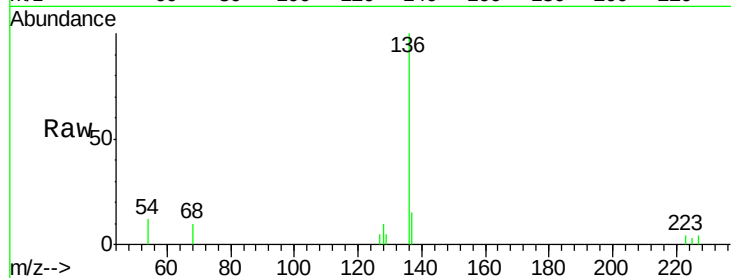
Tot Ion:128 Resp: 228

Ion Ratio Lower Upper

128 100

129 49.2 11.2 16.8#

127 46.8 11.6 17.4#



#12

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.75 min Scan# 976

Delta R.T. -0.02 min

Lab File: BE092771.D

Acq: 28 Feb 2017 20:09

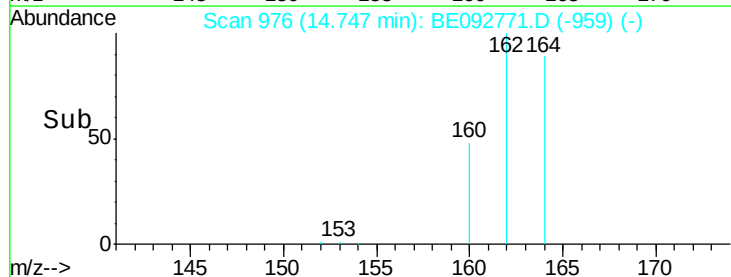
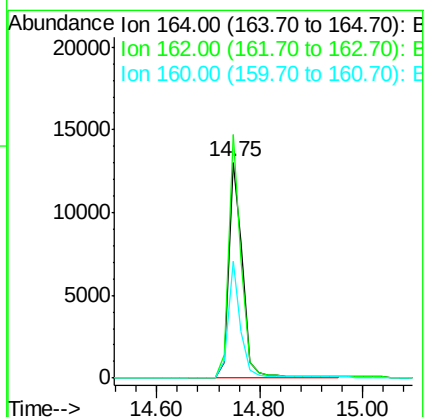
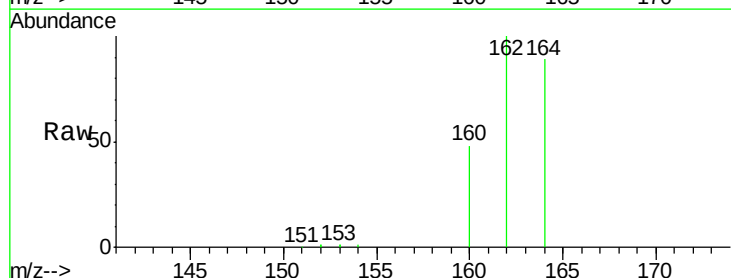
Tgt Ion:164 Resp: 24325

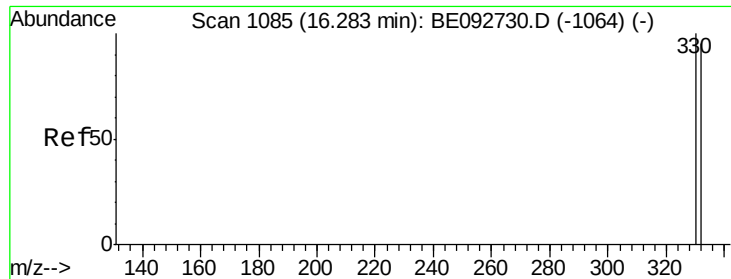
Ion Ratio Lower Upper

164 100

162 112.9 71.4 107.0#

160 54.5 27.4 41.2#

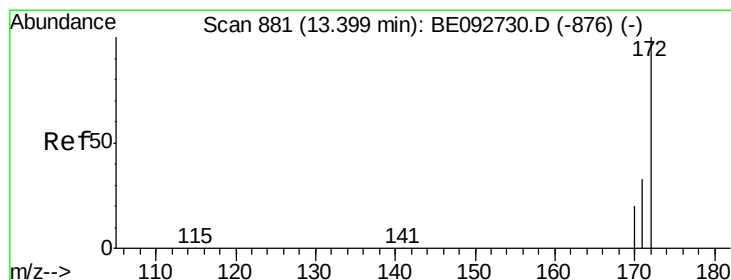
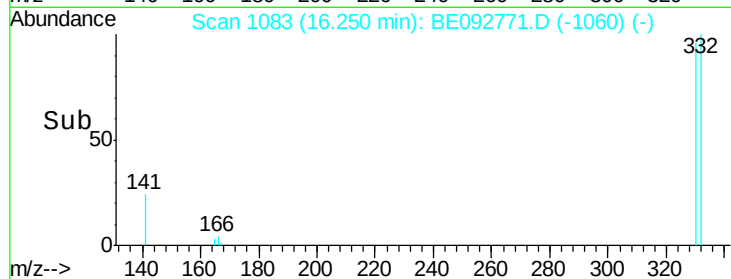
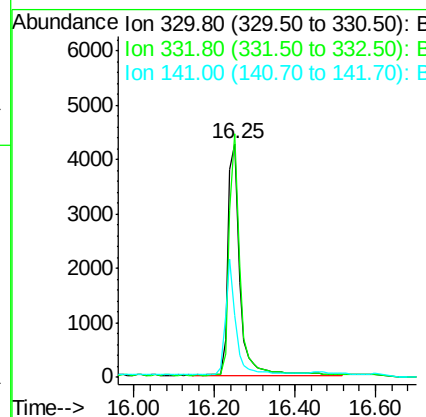
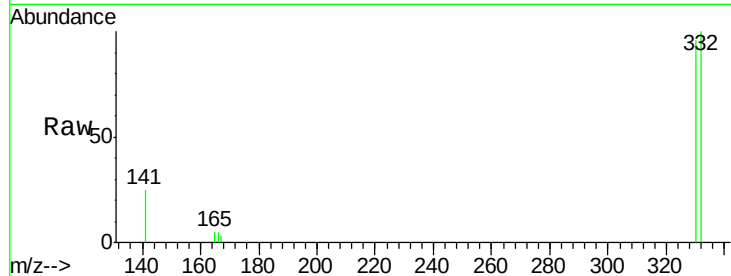




#13
 2,4,6-Tribromophenol
 Concen: 16.67 ng
 RT: 16.25 min Scan# 1083
 Delta R.T. -0.03 min
 Lab File: BE092771.D
 Acq: 28 Feb 2017 20:09

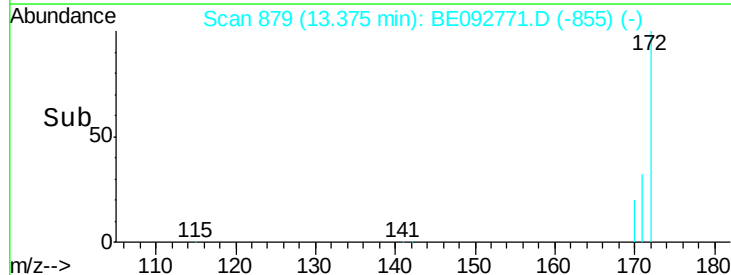
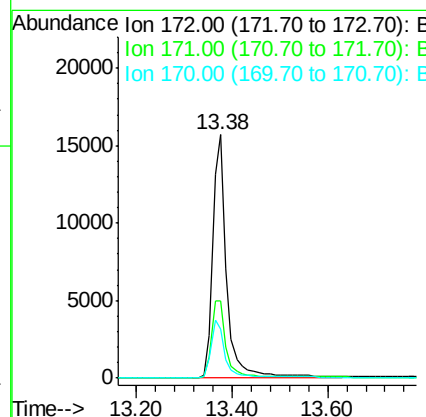
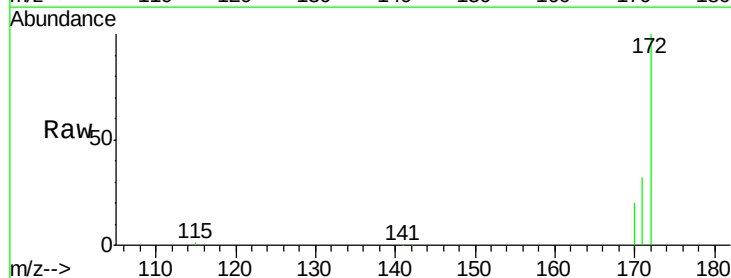
Instrument :
 BNA_E
 ClientSampleId :
 CPS073052

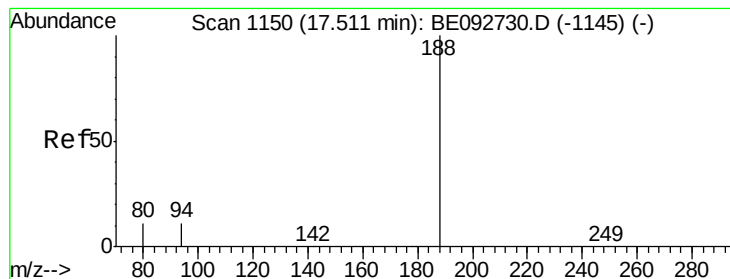
Tot Ion:330 Resp: 8603
 Ion Ratio Lower Upper
 330 100
 332 96.2 75.4 113.0
 141 43.5 31.0 46.6



#14
 2-Fluorobiphenyl
 Concen: 5.40 ng
 RT: 13.38 min Scan# 879
 Delta R.T. -0.02 min
 Lab File: BE092771.D
 Acq: 28 Feb 2017 20:09

Tgt Ion:172 Resp: 32009
 Ion Ratio Lower Upper
 172 100
 171 31.9 30.1 45.1
 170 20.2 21.8 32.6#





#18

Phenanthrene-d10

Concen: 5.00 ng

RT: 17.51 min Scan# 1151

Delta R.T. -0.00 min

Lab File: BE092771.D

Acq: 28 Feb 2017 20:09

Instrument :

BNA_E

ClientSampleId :

CPS073052

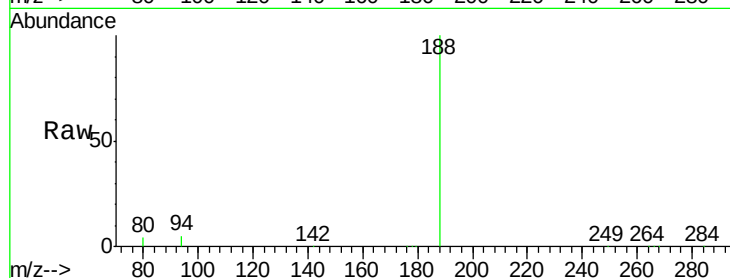
Tot Ion:188 Resp: 61819

Ion Ratio Lower Upper

188 100

94 4.7 3.2 4.8

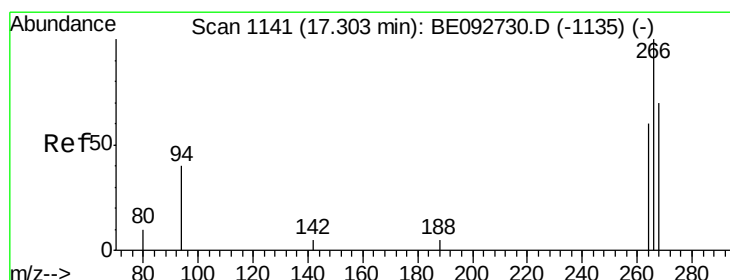
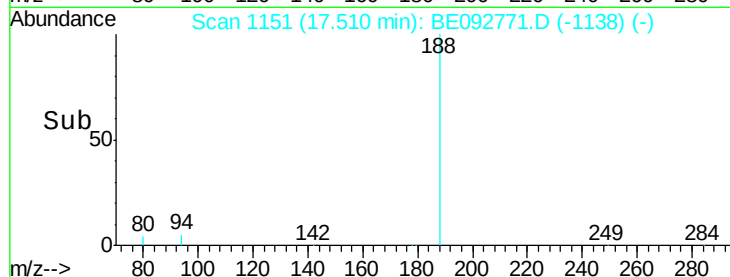
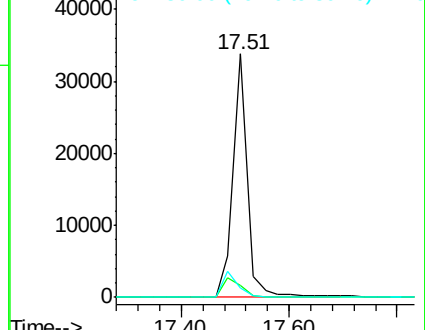
80 4.1 2.6 3.8#



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: 1.09 ng

RT: 17.19 min Scan# 1137

Delta R.T. -0.12 min

Lab File: BE092771.D

Acq: 28 Feb 2017 20:09

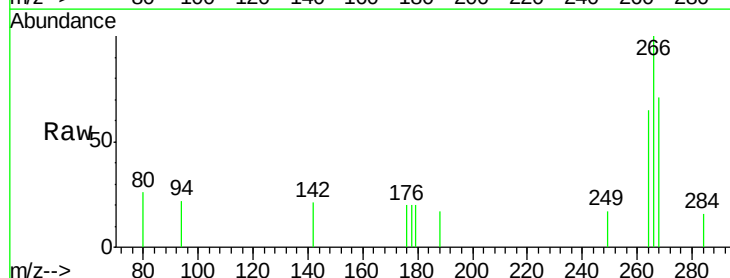
Tgt Ion:266 Resp: 608

Ion Ratio Lower Upper

266 100

268 70.9 62.5 93.7

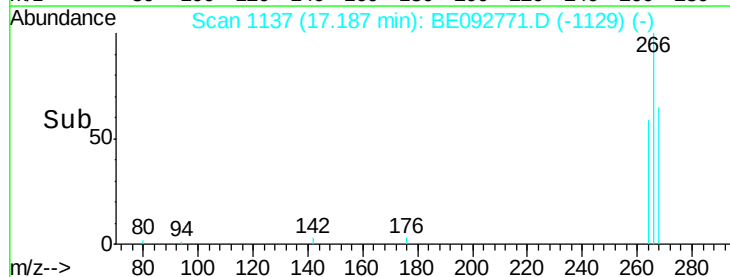
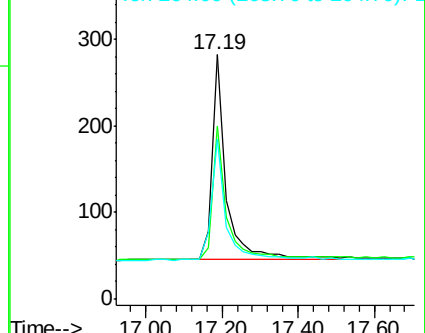
264 65.2 57.2 85.8

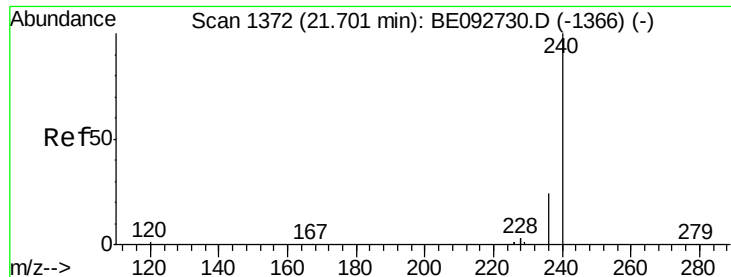


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

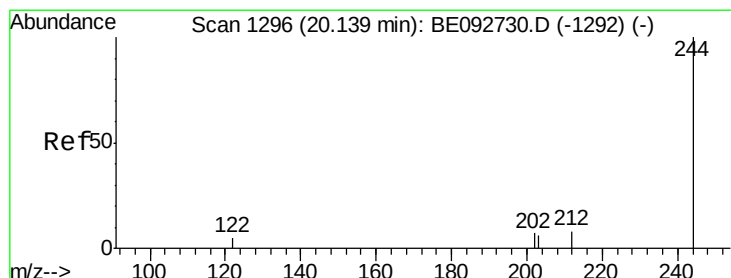
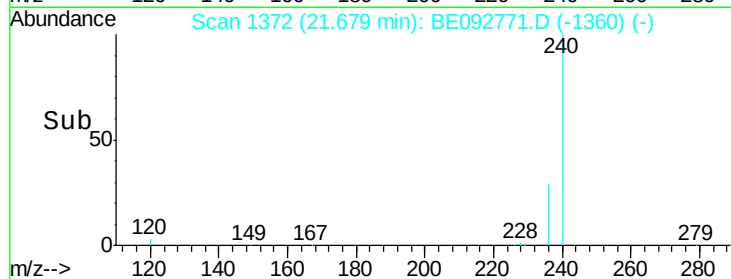
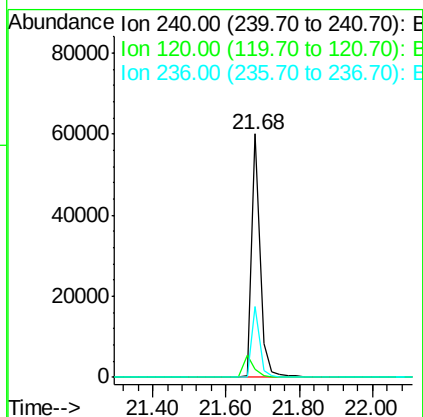
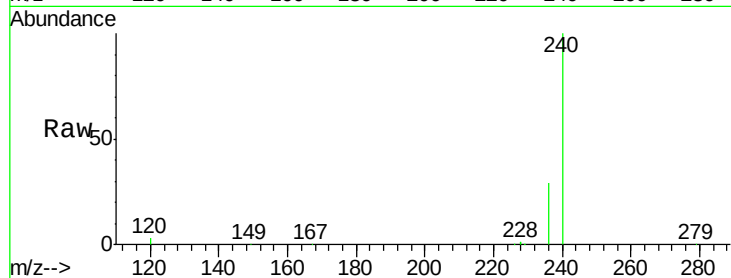




#24
Chrysene-d12
Concen: 5.00 ng
RT: 21.68 min Scan# 1372
Delta R.T. -0.02 min
Lab File: BE092771.D
Acq: 28 Feb 2017 20:09

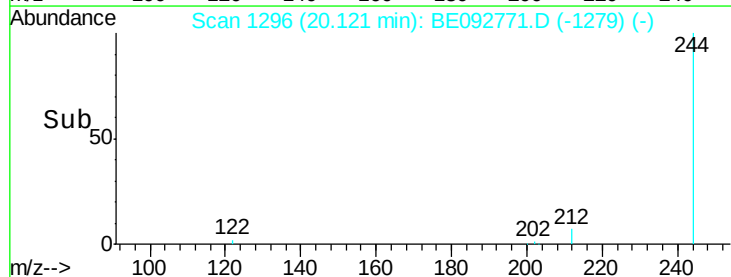
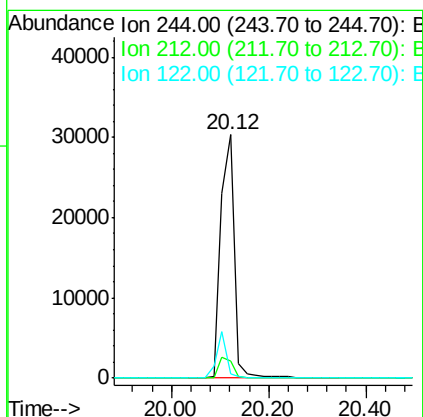
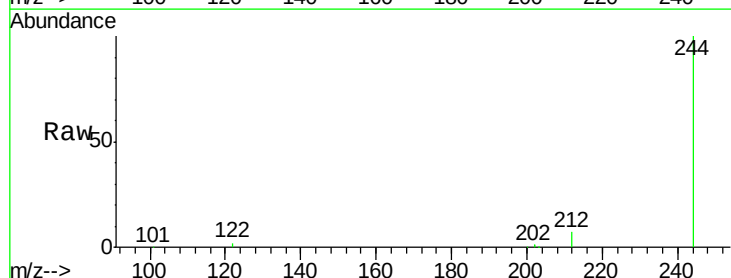
Instrument :
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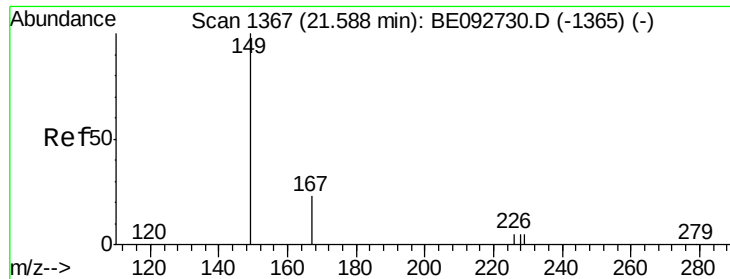
Tot Ion:240 Resp: 97682
Ion Ratio Lower Upper
240 100
120 3.2 2.6 4.0
236 29.2 24.6 37.0



#26
Terphenyl-d14
Concen: 4.67 ng
RT: 20.12 min Scan# 1296
Delta R.T. -0.02 min
Lab File: BE092771.D
Acq: 28 Feb 2017 20:09

Tgt Ion:244 Resp: 58234
Ion Ratio Lower Upper
244 100
212 6.9 6.7 10.1
122 1.7 3.6 5.4#





#29

Bis(2-ethylhexyl)phthalate

Concen: 0.45 ng

RT: 21.59 min Scan# 1368

Delta R.T. 0.00 min

Lab File: BE092771.D

Acq: 28 Feb 2017 20:09

Instrument :

BNA_E

ClientSampleId :

CPS073052

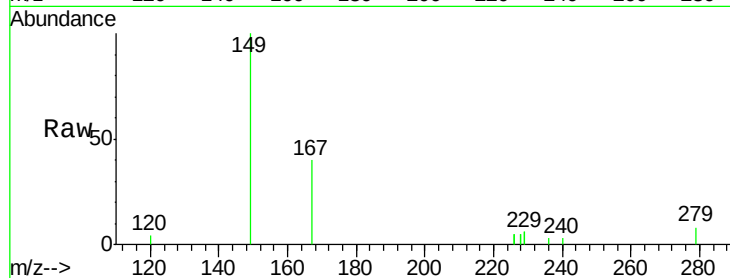
Tot Ion:149 Resp: 5155

Ion Ratio Lower Upper

149 100

167 27.6 16.0 24.0#

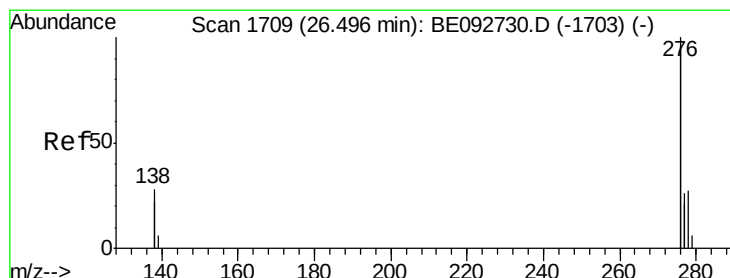
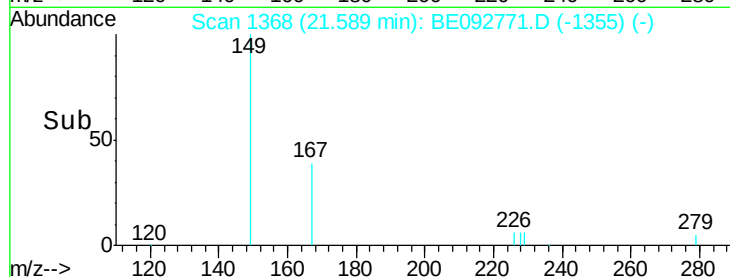
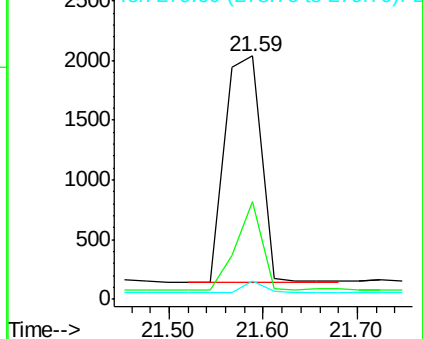
279 4.1 16.0 24.0#



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



#30

Indeno(1,2,3-cd)pyrene

Concen: 0.04 ng

RT: 26.50 min Scan# 1710

Delta R.T. 0.00 min

Lab File: BE092771.D

Acq: 28 Feb 2017 20:09

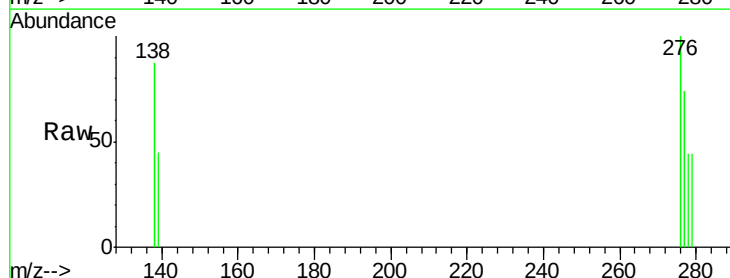
Tgt Ion:276 Resp: 611

Ion Ratio Lower Upper

276 100

138 32.7 20.3 30.5#

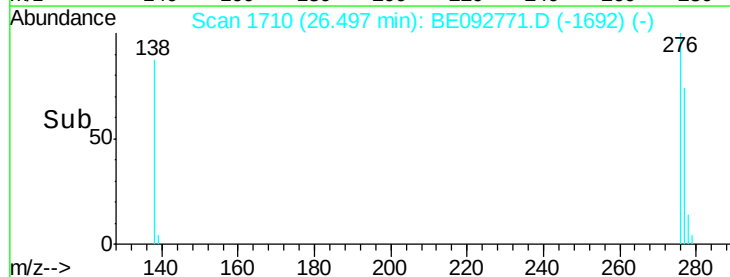
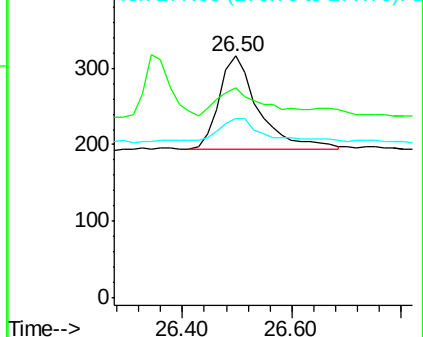
277 29.6 19.7 29.5#

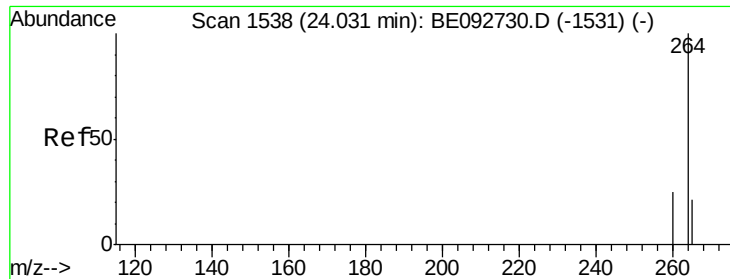


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

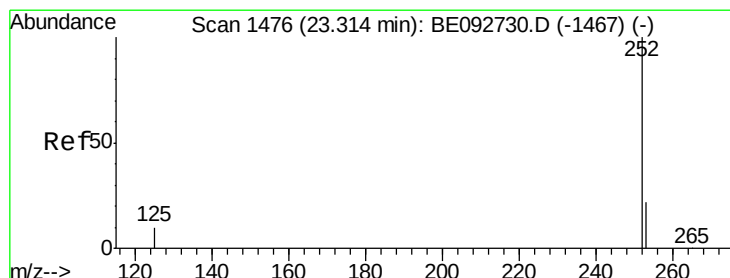
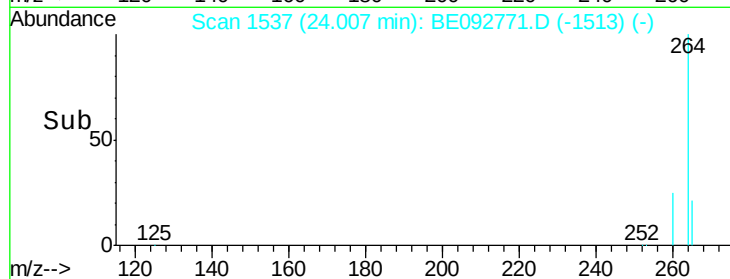
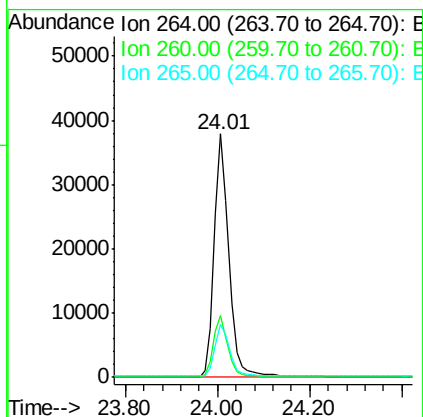
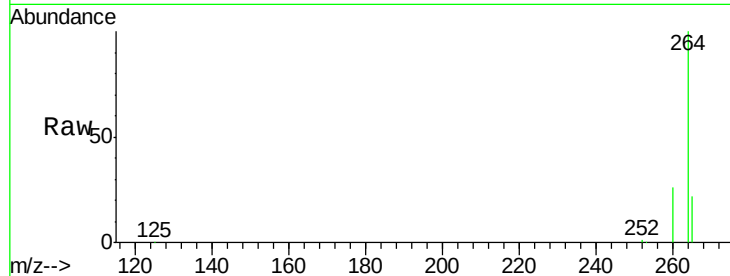




#31
Pervlene-d12
Concen: 5.00 ng
RT: 24.01 min Scan# 1537
Delta R.T. -0.02 min
Lab File: BE092771.D
Acq: 28 Feb 2017 20:09

Instrument :
BNA_E
ClientSampleId :
CPS073052

Tot Ion:264 Resp: 84511
Ion Ratio Lower Upper
264 100
260 25.5 20.1 30.1
265 21.5 17.9 26.9



#32
Benzo(b)fluoranthene
Concen: 0.04 ng
RT: 23.30 min Scan# 1476
Delta R.T. -0.01 min
Lab File: BE092771.D
Acq: 28 Feb 2017 20:09

Tgt Ion:252 Resp: 145
Ion Ratio Lower Upper
252 100
253 100.7 18.7 28.1#
125 83.9 10.5 15.7#

