

Data Path : Z:\HPCHEM1\BNA E\DATA\BE022817\
 Data File : BE092769.D
 Acq On : 28 Feb 2017 18:55
 Operator : SJ/MA
 Sample : I2006-06
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 CPS043055

Quant Time: Mar 01 00:32:39 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

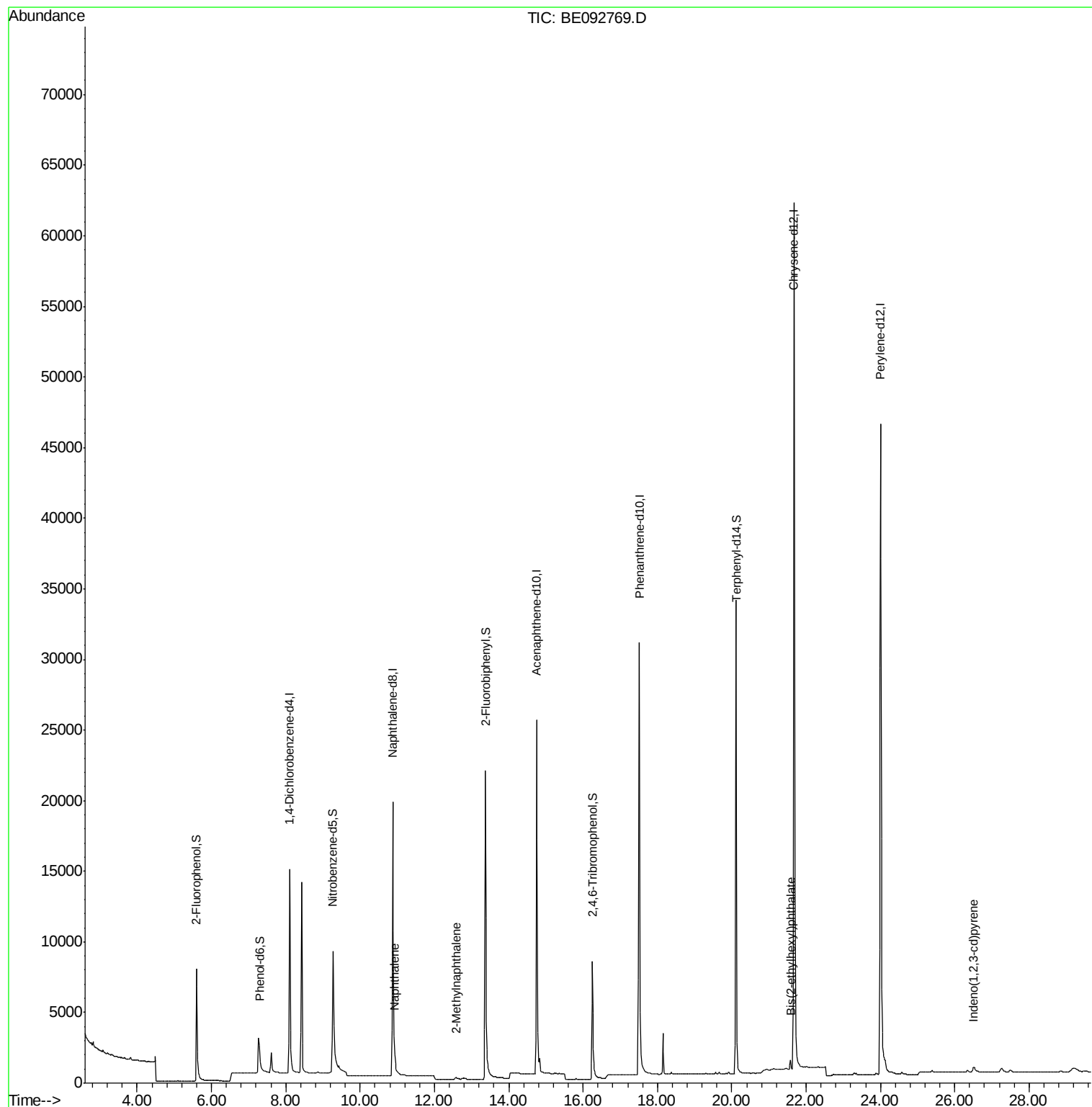
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.10	152	8468	5.00	ng	-0.02
7) Naphthalene-d8	10.88	136	35199	5.00	ng	-0.02
12) Acenaphthene-d10	14.75	164	19804	5.00	ng	-0.02
18) Phenanthrene-d10	17.51	188	51479	5.00	ng	0.00
24) Chrysene-d12	21.68	240	79121	5.00	ng	-0.02
31) Perylene-d12	24.01	264	73123	5.00	ng	-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.60	112	8102	4.92	ng	-0.03
5) Phenol-d6	7.29	99	5447	2.69	ng	-0.02
8) Nitrobenzene-d5	9.27	82	12680	5.33	ng	-0.04
13) 2,4,6-Tribromophenol	16.25	330	7154	17.02	ng	-0.03
14) 2-Fluorobiphenyl	13.38	172	29891	6.19	ng	-0.02
26) Terphenyl-d14	20.12	244	57965	5.74	ng	-0.02
Target Compounds						
9) Naphthalene	10.93	128	623	0.08	ng	# 68
11) 2-Methylnaphthalene	12.58	142	153	0.03	ng	# 82
29) Bis(2-ethylhexyl)phthalate	21.59	149	910	0.14	ng	# 74
30) Indeno(1,2,3-cd)pyrene	26.51	276	1147	0.04	ng	99

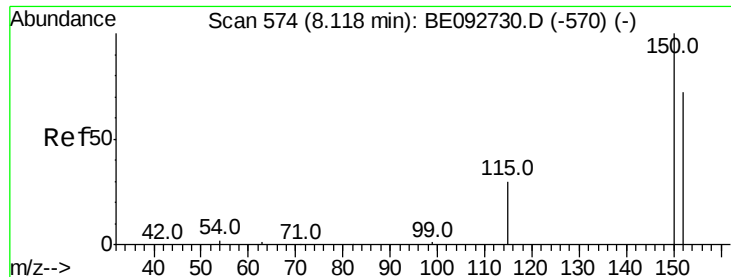
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BE092769.D

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Instrument :

BNA_E

ClientSampleId :

CPS043055

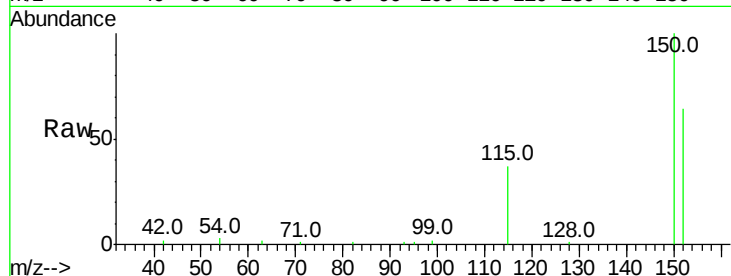
Tot Ion:152 Resp: 8468

Ion Ratio Lower Upper

152 100

150 157.4 106.0 159.0

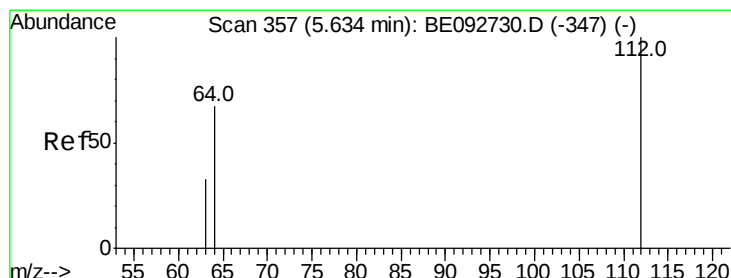
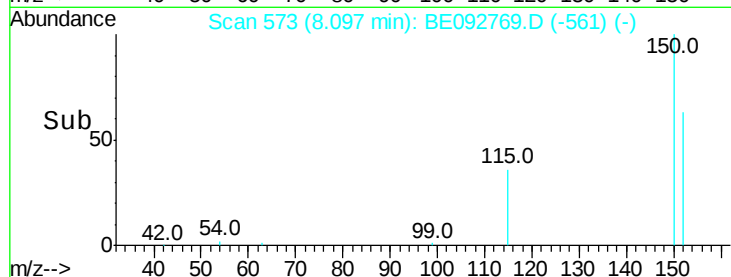
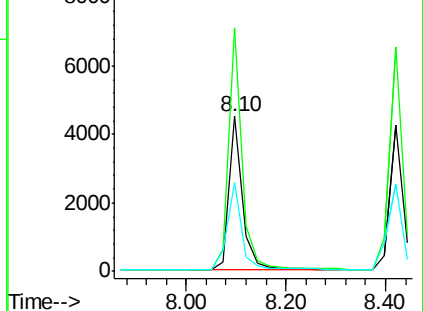
115 57.7 31.2 46.8#



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: 4.92 ng

RT: 5.60 min Scan# 351

Delta R.T. -0.03 min

Lab File: BE092769.D

Acq: 28 Feb 2017 18:55

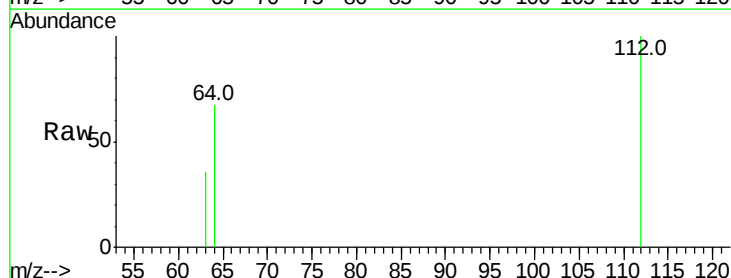
Tgt Ion:112 Resp: 8102

Ion Ratio Lower Upper

112 100

64 67.4 53.5 80.3

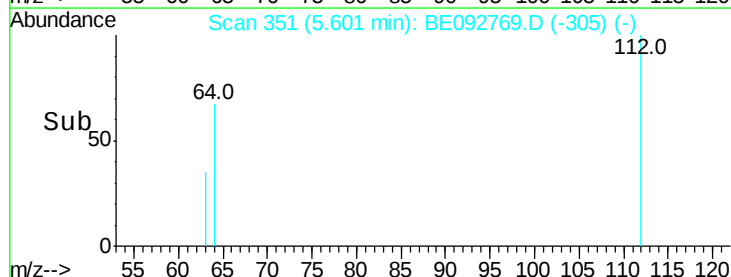
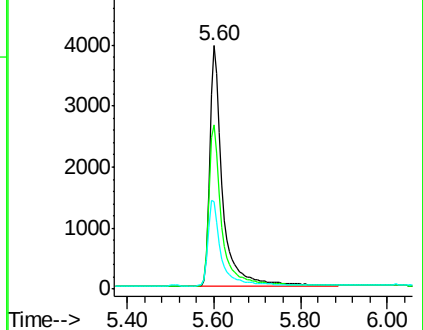
63 36.3 27.9 41.9

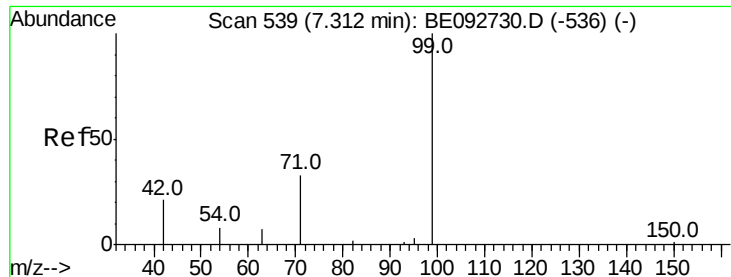


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 2.69 ng

RT: 7.29 min Scan# 538

Delta R.T. -0.02 min

Lab File: BE092769.D

Acq: 28 Feb 2017 18:55

Instrument :

BNA_E

ClientSampleId :

CPS043055

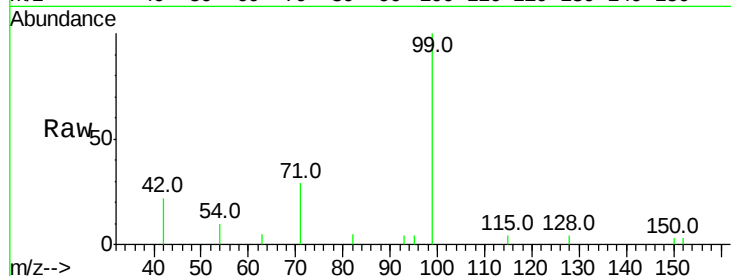
Tot Ion: 99 Resp: 5447

Ion Ratio Lower Upper

99 100

42 0.0 16.0 24.0#

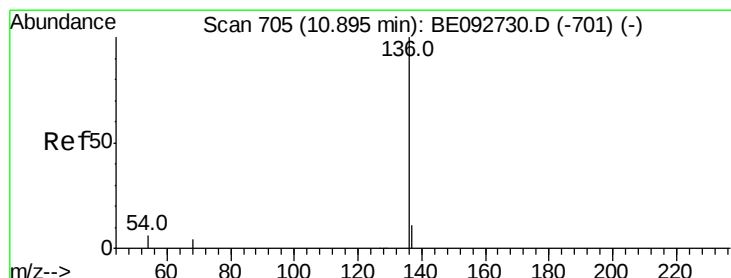
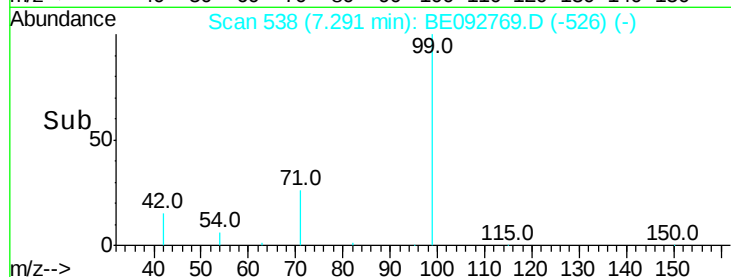
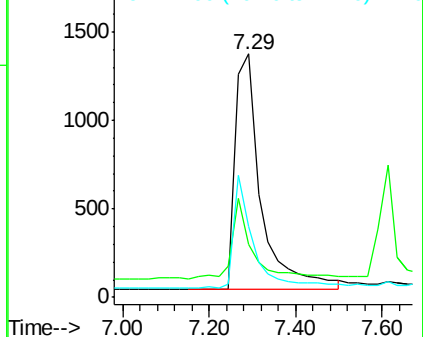
71 0.0 30.6 45.8#



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: 10.88 min Scan# 704

Delta R.T. -0.02 min

Lab File: BE092769.D

Acq: 28 Feb 2017 18:55

Tgt Ion: 136 Resp: 35199

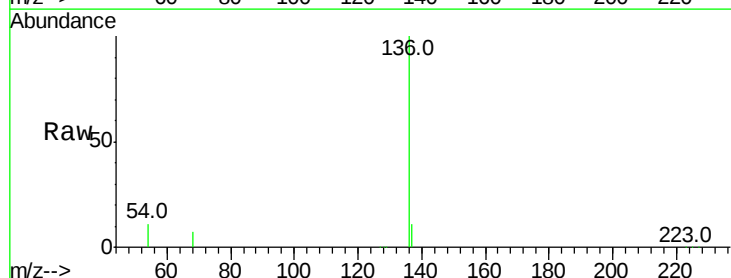
Ion Ratio Lower Upper

136 100

137 10.6 8.2 12.4

54 10.6 9.6 14.4

68 7.5 6.7 10.1

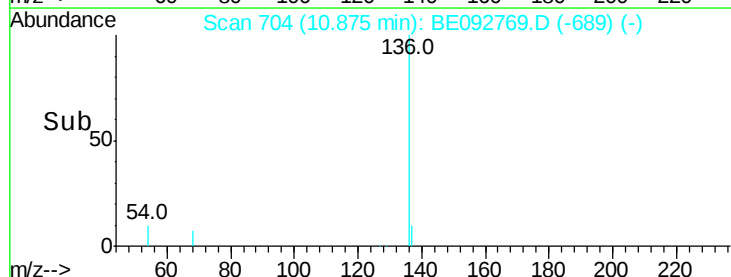
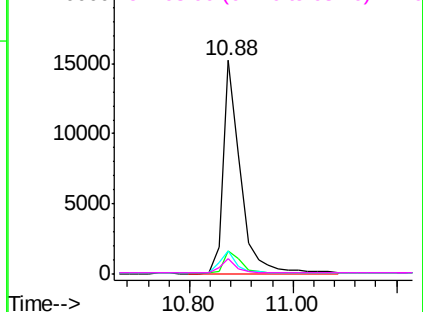


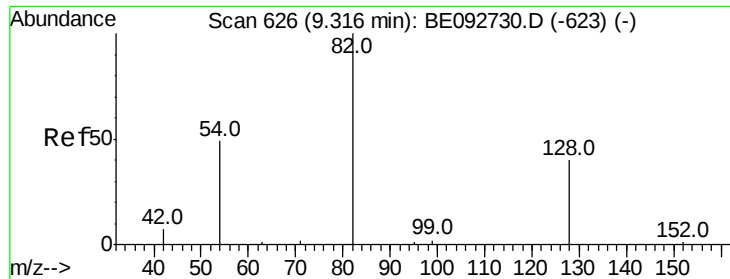
Abundance Ion 136.00 (135.70 to 136.70): E

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: 5.33 ng

RT: 9.27 min Scan# 624

Delta R.T. -0.04 min

Lab File: BE092769.D

Acq: 28 Feb 2017 18:55

Instrument :

BNA_E

ClientSampleId :

CPS043055

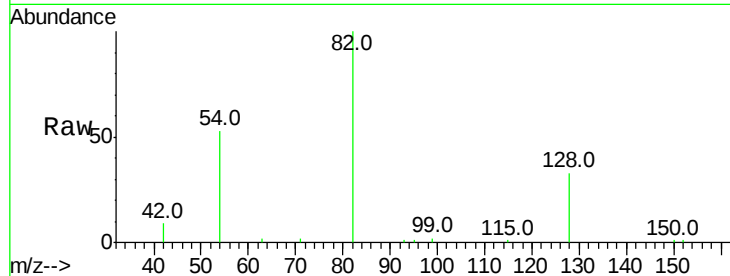
Tot Ion: 82 Resp: 12680

Ion Ratio Lower Upper

82 100

128 32.7 39.0 58.4#

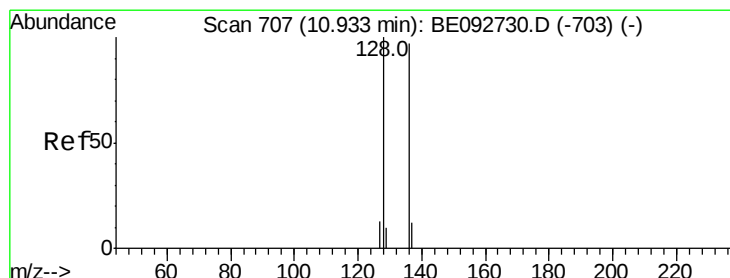
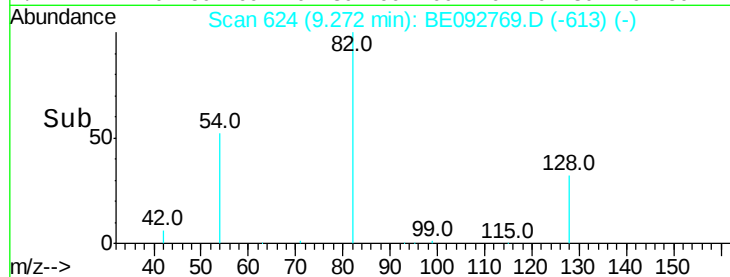
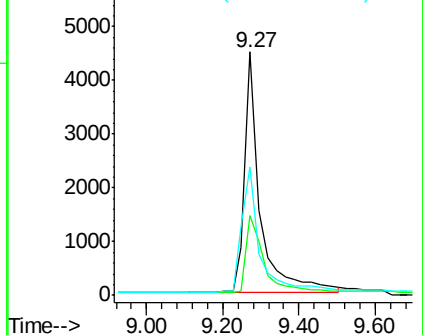
54 52.5 44.8 67.2



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



#9

Naphthalene

Concen: 0.08 ng

RT: 10.93 min Scan# 707

Delta R.T. -0.00 min

Lab File: BE092769.D

Acq: 28 Feb 2017 18:55

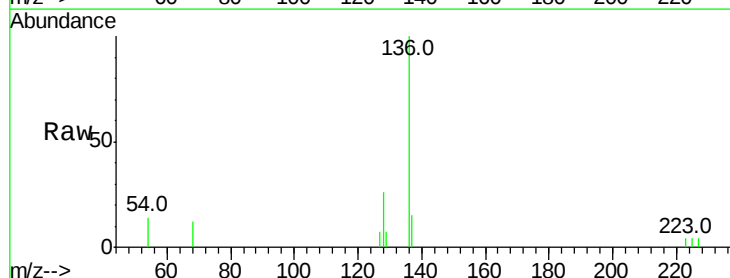
Tgt Ion:128 Resp: 623

Ion Ratio Lower Upper

128 100

129 27.5 11.2 16.8#

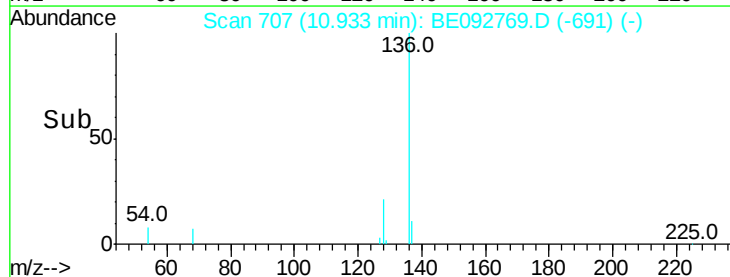
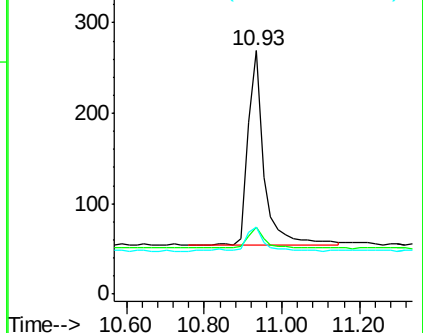
127 27.5 11.6 17.4#

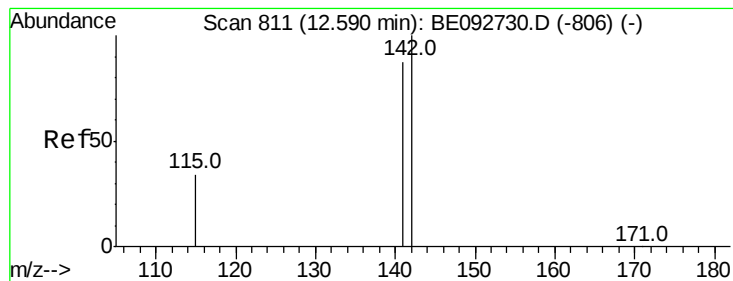


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E





#11

2-Methylnaphthalene

Concen: 0.03 ng

RT: 12.58 min Scan# 810

Delta R.T. -0.01 min

Lab File: BE092769.D

Acq: 28 Feb 2017 18:55

Instrument :

BNA_E

ClientSampleId :

CPS043055

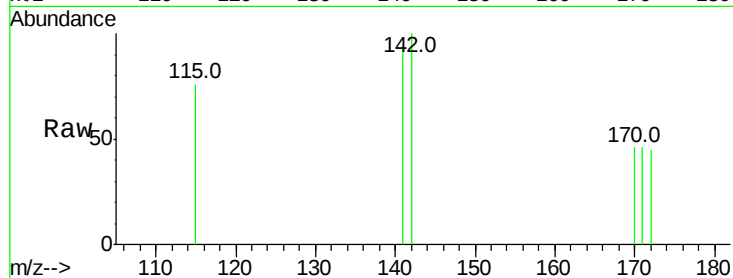
Tot Ion:142 Resp: 153

Ion Ratio Lower Upper

142 100

141 93.9 73.7 110.5

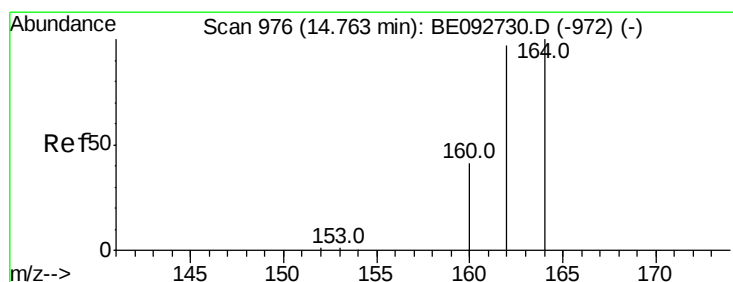
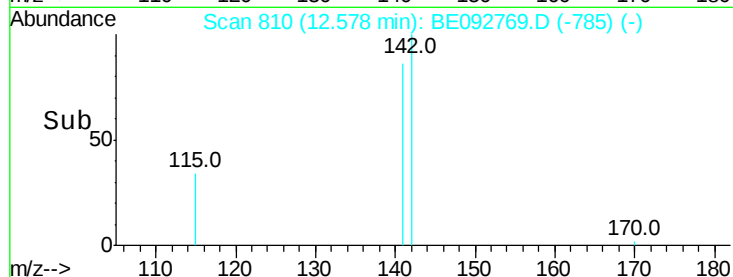
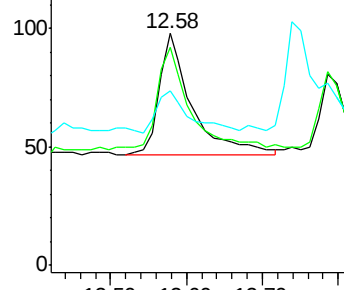
115 75.5 34.0 51.0#



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#12

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.75 min Scan# 976

Delta R.T. -0.02 min

Lab File: BE092769.D

Acq: 28 Feb 2017 18:55

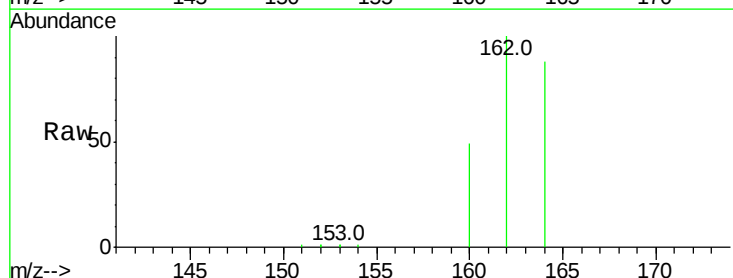
Tgt Ion:164 Resp: 19804

Ion Ratio Lower Upper

164 100

162 113.4 71.4 107.0#

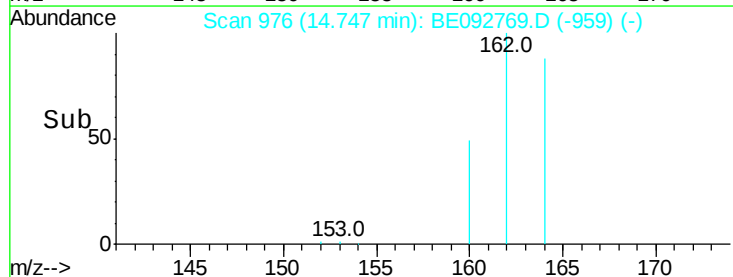
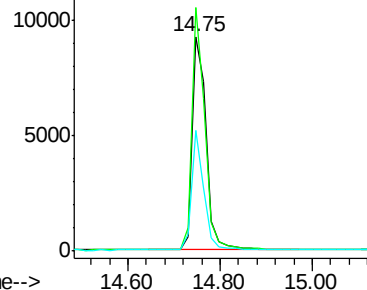
160 56.0 27.4 41.2#

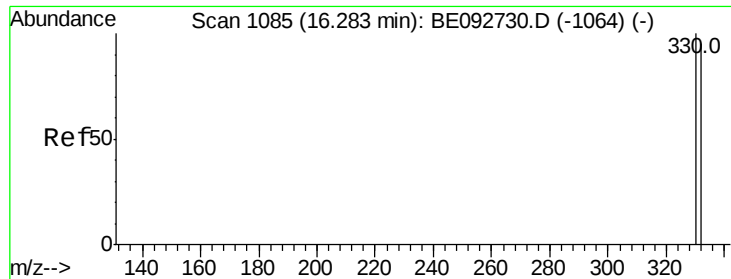


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

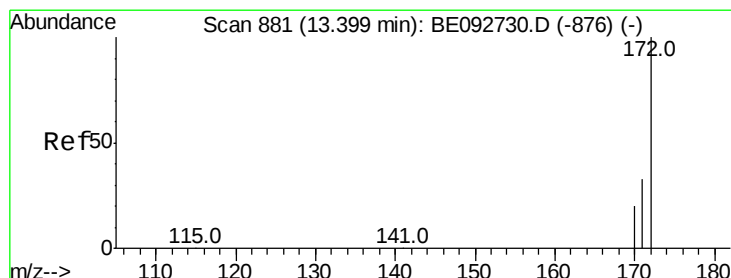
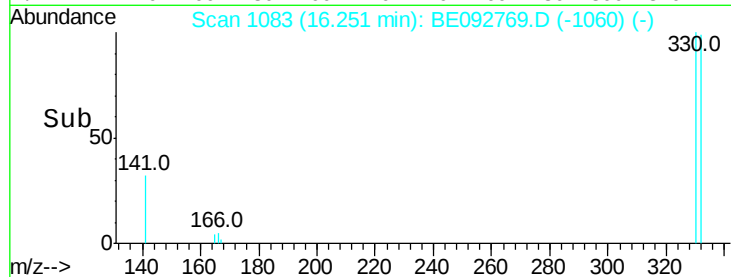
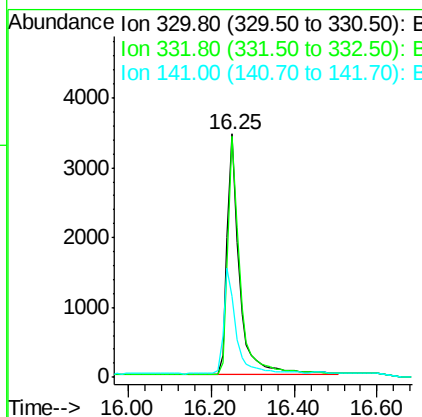
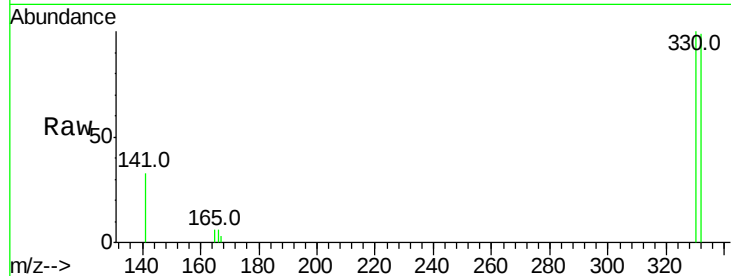




#13
 2,4,6-Tribromophenol
 Concen: 17.02 ng
 RT: 16.25 min Scan# 1083
 Delta R.T. -0.03 min
 Lab File: BE092769.D
 Acq: 28 Feb 2017 18:55

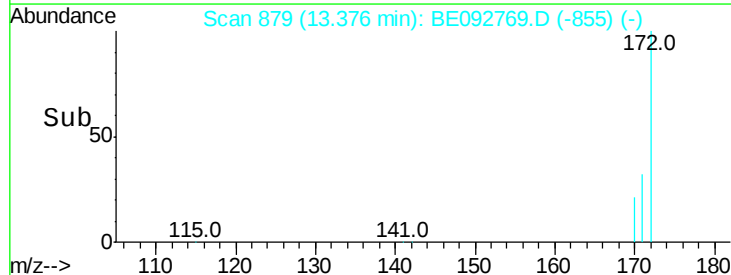
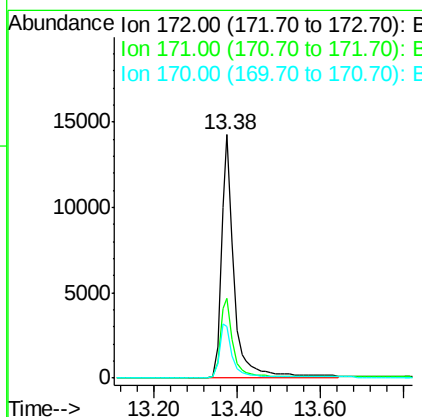
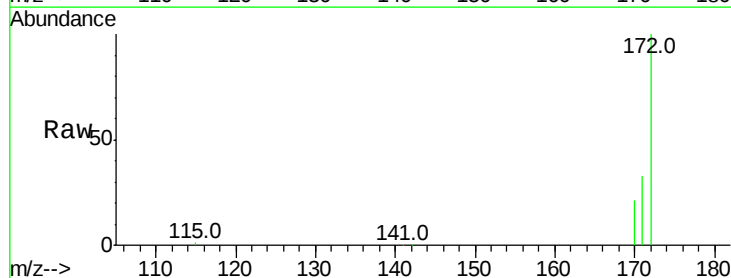
Instrument :
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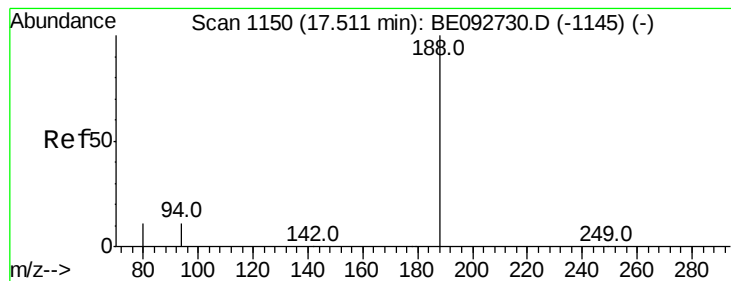
Tot Ion:330 Resp: 7154
 Ion Ratio Lower Upper
 330 100
 332 97.9 75.4 113.0
 141 44.0 31.0 46.6



#14
 2-Fluorobiphenyl
 Concen: 6.19 ng
 RT: 13.38 min Scan# 879
 Delta R.T. -0.02 min
 Lab File: BE092769.D
 Acq: 28 Feb 2017 18:55

Tgt Ion:172 Resp: 29891
 Ion Ratio Lower Upper
 172 100
 171 32.5 30.1 45.1
 170 21.2 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: BE092769.D

Acq: 28 Feb 2017 18:55

Instrument :

BNA_E

ClientSampleId :

CPS043055

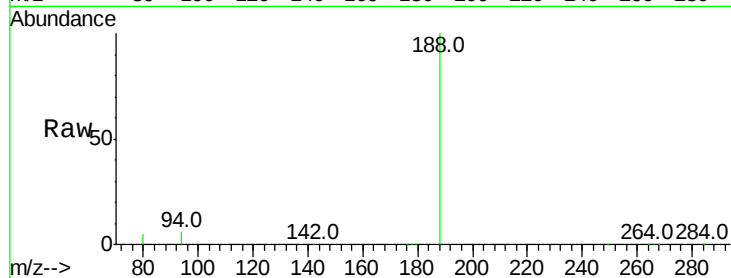
Tot Ion:188 Resp: 51479

Ion Ratio Lower Upper

188 100

94 5.8 3.2 4.8#

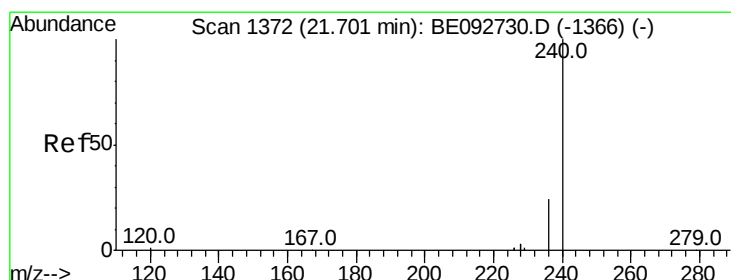
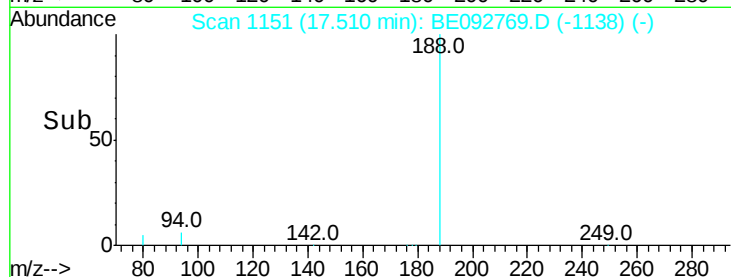
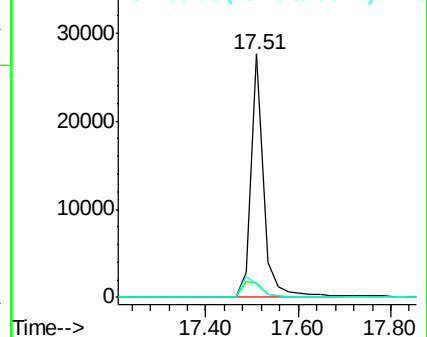
80 5.3 2.6 3.8#



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: 21.68 min Scan# 1372

Delta R.T. -0.02 min

Lab File: BE092769.D

Acq: 28 Feb 2017 18:55

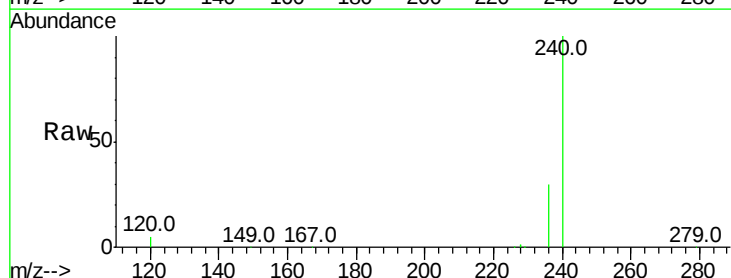
Tgt Ion:240 Resp: 79121

Ion Ratio Lower Upper

240 100

120 4.8 2.6 4.0#

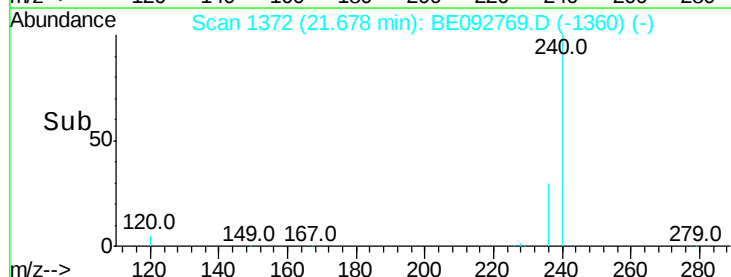
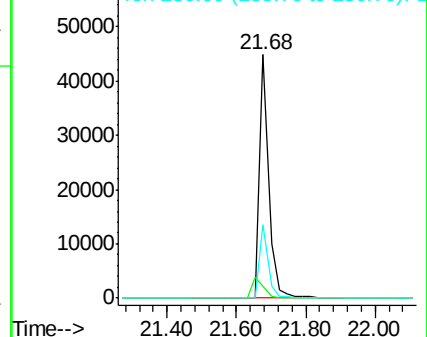
236 30.3 24.6 37.0

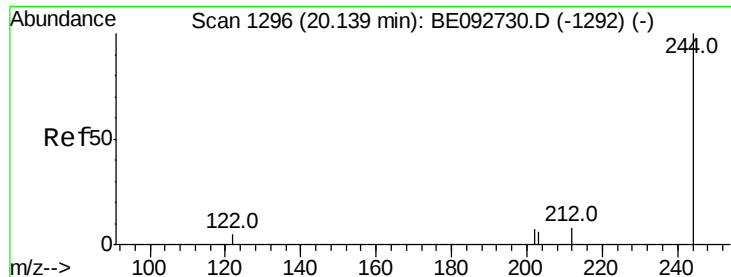


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

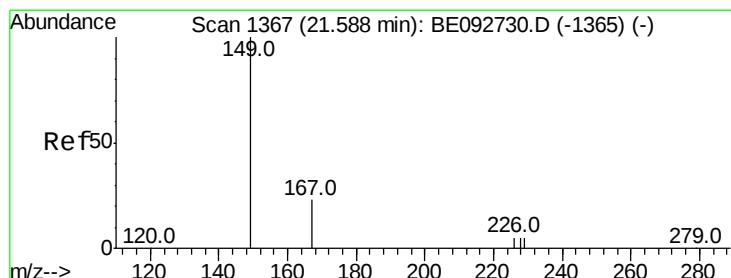
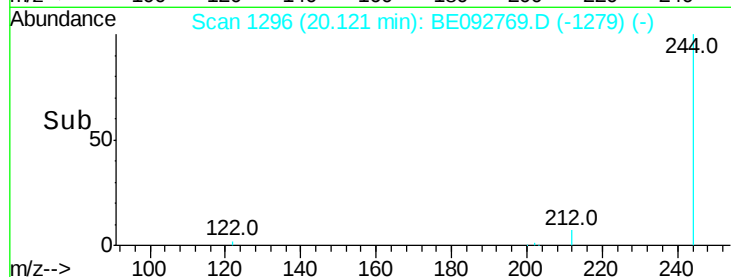
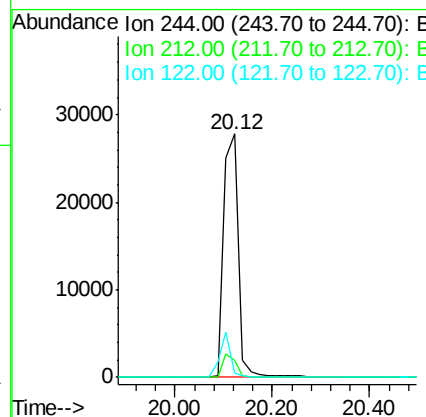
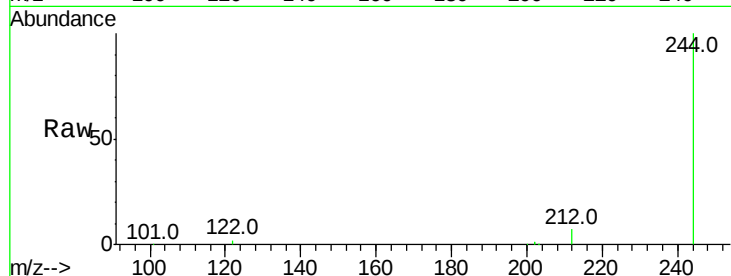




#26
 Terphenyl-d14
 Concen: 5.74 ng
 RT: 20.12 min Scan# 1296
 Delta R.T. -0.02 min
 Lab File: BE092769.D
 Acq: 28 Feb 2017 18:55

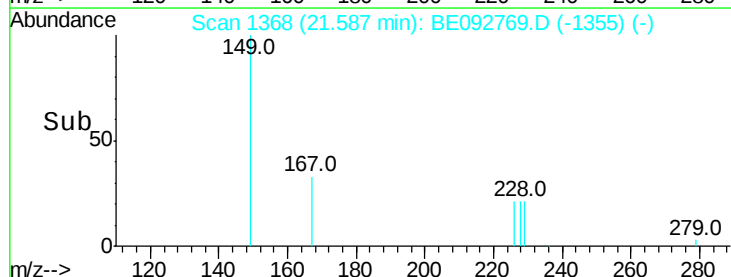
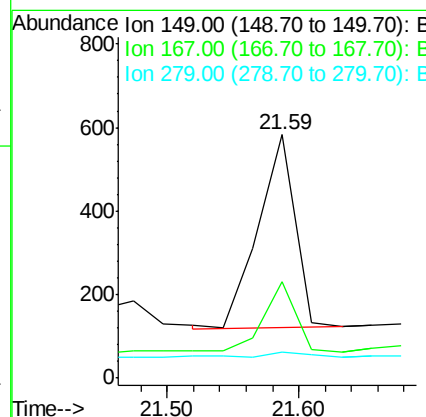
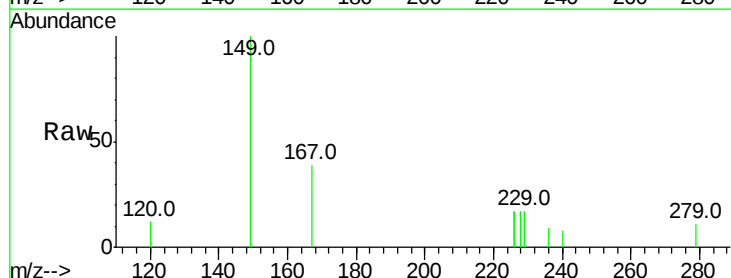
Instrument :
 BNA_E
 ClientSampleId :
 CPS043055

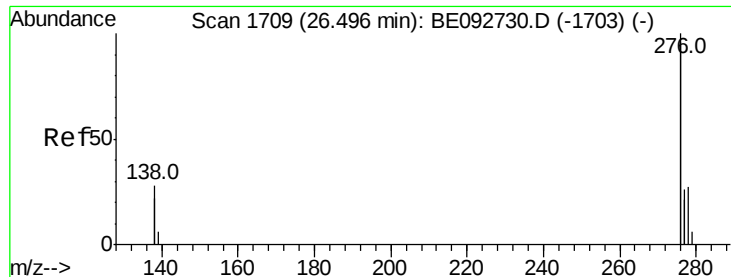
Tot Ion:244 Resp: 57965
 Ion Ratio Lower Upper
 244 100
 212 6.9 6.7 10.1
 122 1.8 3.6 5.4#



#29
 Bis(2-ethylhexyl)phthalate
 Concen: 0.14 ng
 RT: 21.59 min Scan# 1368
 Delta R.T. 0.00 min
 Lab File: BE092769.D
 Acq: 28 Feb 2017 18:55

Tgt Ion:149 Resp: 910
 Ion Ratio Lower Upper
 149 100
 167 30.1 16.0 24.0#
 279 5.8 16.0 24.0#





#30

Indeno(1,2,3-cd)pyrene

Concen: 0.04 ng

RT: 26.51 min Scan# 1711

Delta R.T. 0.02 min

Lab File: BE092769.D

Acq: 28 Feb 2017 18:55

Instrument :

BNA_E

ClientSampleId :

CPS043055

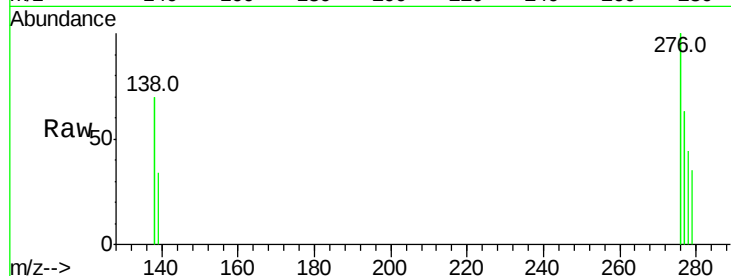
Tot Ion:276 Resp: 1147

Ion Ratio Lower Upper

276 100

138 25.5 20.3 30.5

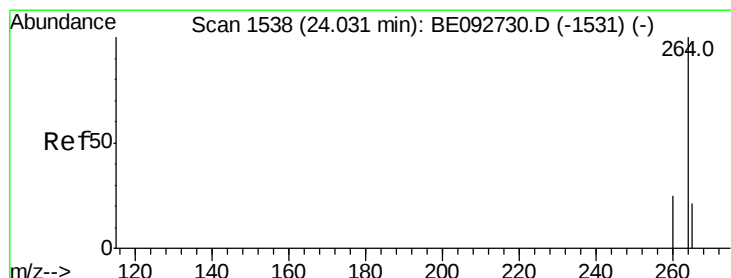
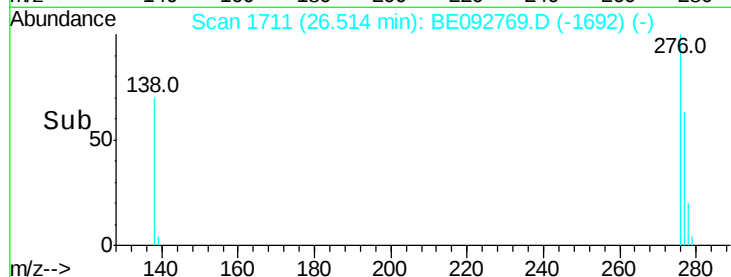
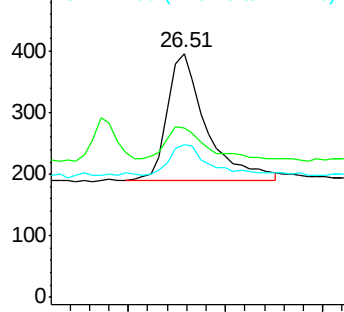
277 24.1 19.7 29.5



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

Perylene-d12

Concen: 5.00 ng

RT: 24.01 min Scan# 1537

Delta R.T. -0.02 min

Lab File: BE092769.D

Acq: 28 Feb 2017 18:55

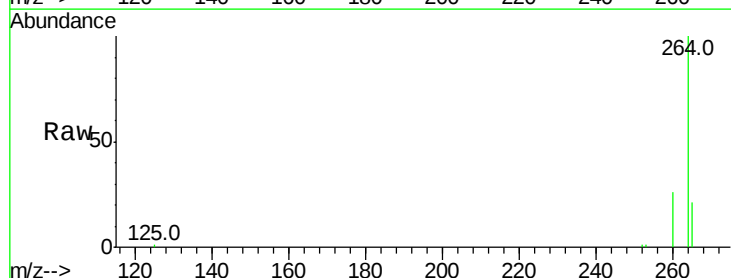
Tgt Ion:264 Resp: 73123

Ion Ratio Lower Upper

264 100

260 25.8 20.1 30.1

265 21.0 17.9 26.9



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

