

Data Path : Z:\HPCHEM1\BNA E\DATA\BE022817\
 Data File : BE092768.D
 Acq On : 28 Feb 2017 18:16
 Operator : SJ/MA
 Sample : I2006-05
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 CPS043051

Quant Time: Mar 01 00:30:14 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

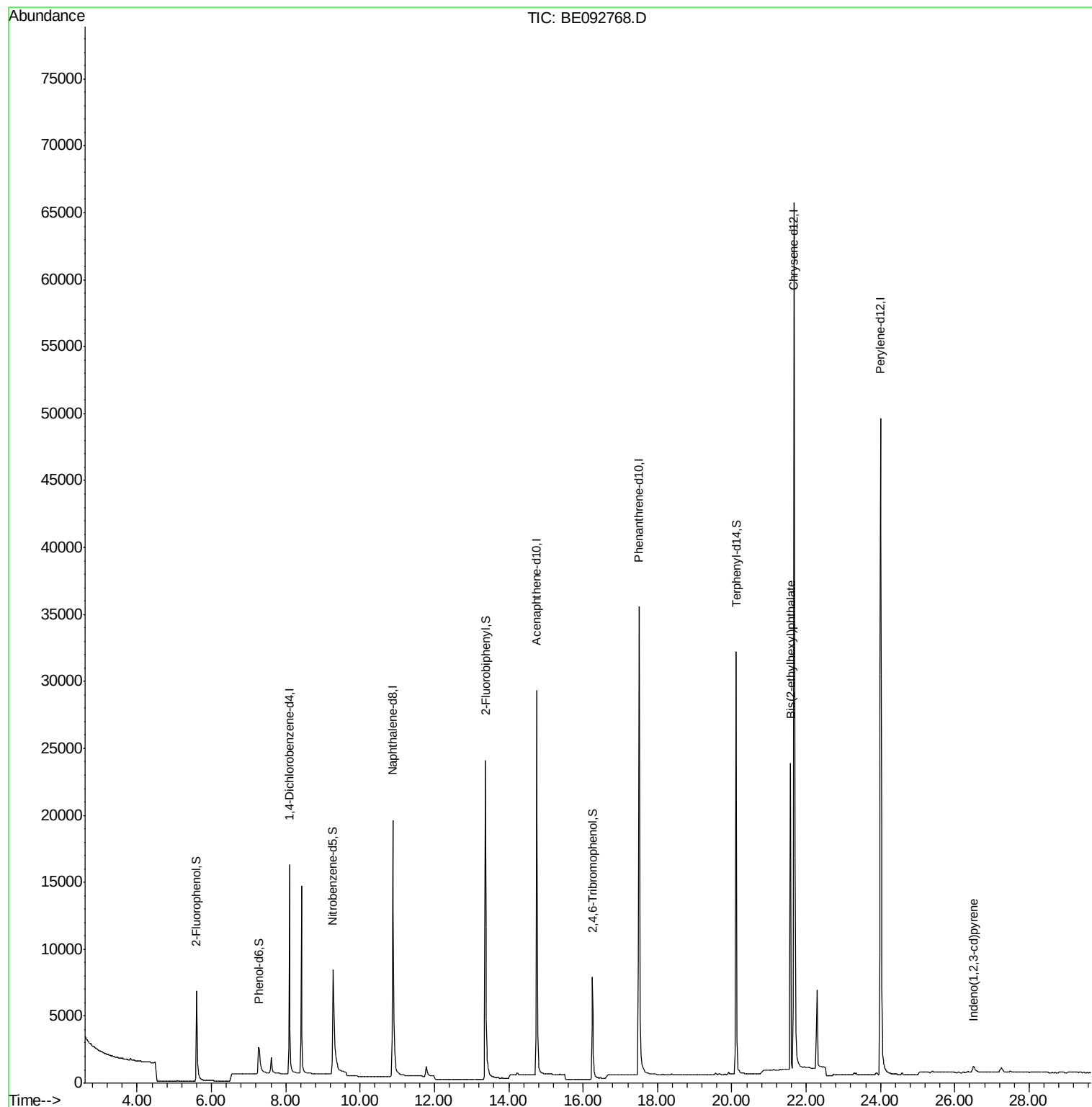
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.10	152	9328	5.00	ng	-0.02
7) Naphthalene-d8	10.88	136	38729	5.00	ng	-0.02
12) Acenaphthene-d10	14.75	164	22772	5.00	ng	-0.02
18) Phenanthrene-d10	17.51	188	58302	5.00	ng	0.00
24) Chrysene-d12	21.68	240	85420	5.00	ng	-0.02
31) Perylene-d12	24.01	264	77813	5.00	ng	-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.60	112	7043	3.88	ng	-0.03
5) Phenol-d6	7.29	99	4767	2.14	ng	-0.02
8) Nitrobenzene-d5	9.27	82	13065	5.00	ng	-0.04
13) 2,4,6-Tribromophenol	16.25	330	6243	12.92	ng	-0.03
14) 2-Fluorobiphenyl	13.38	172	32510	5.86	ng	-0.02
26) Terphenyl-d14	20.12	244	55516	5.09	ng	-0.02
Target Compounds						
29) Bis(2-ethylhexyl)phthalate	21.59	149	28817	2.55	ng	# 68
30) Indeno(1,2,3-cd)pyrene	26.50	276	1407	0.04	ng	96

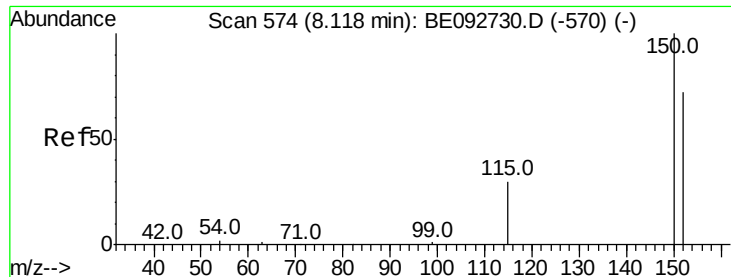
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BE092768.D

Acq: 28 Feb 2017 18:16

Instrument :

BNA_E

ClientSampleId :

CPS043051

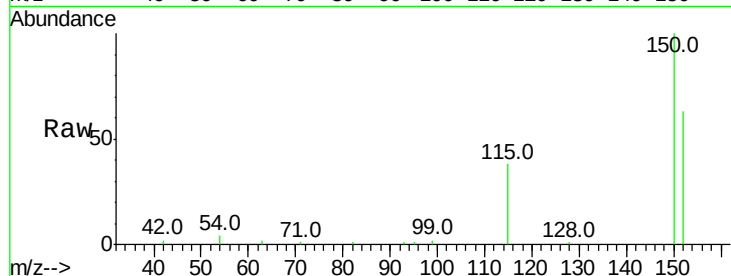
Tot Ion:152 Resp: 9328

Ion Ratio Lower Upper

152 100

150 159.3 106.0 159.0#

115 60.1 31.2 46.8#



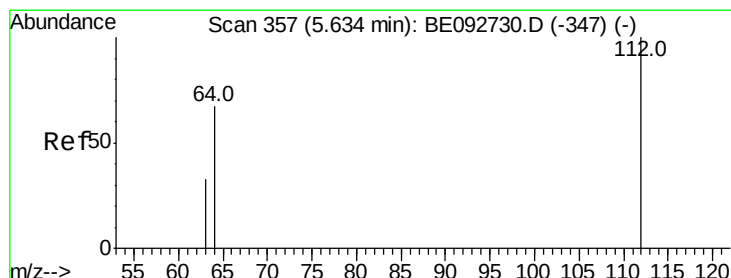
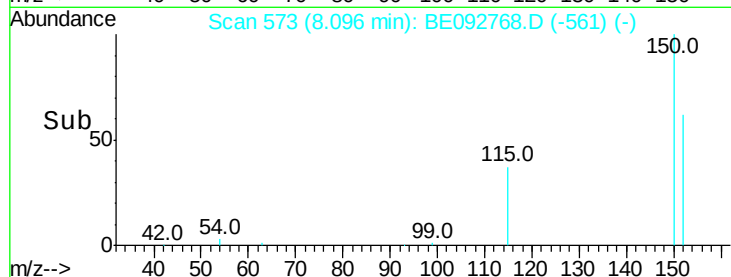
Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E

8.10

Time-->



#4

2-Fluorophenol

Concen: 3.88 ng

RT: 5.60 min Scan# 351

Delta R.T. -0.03 min

Lab File: BE092768.D

Acq: 28 Feb 2017 18:16

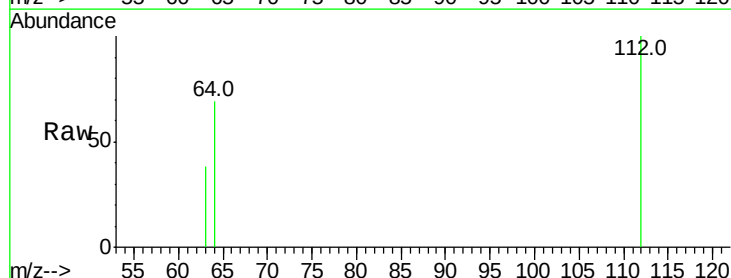
Tgt Ion:112 Resp: 7043

Ion Ratio Lower Upper

112 100

64 68.0 53.5 80.3

63 36.0 27.9 41.9



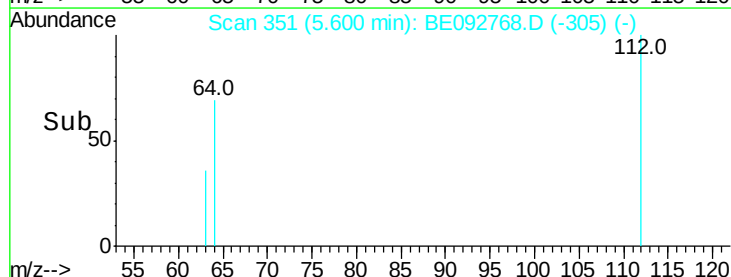
Abundance Ion 112.00 (111.70 to 112.70): E

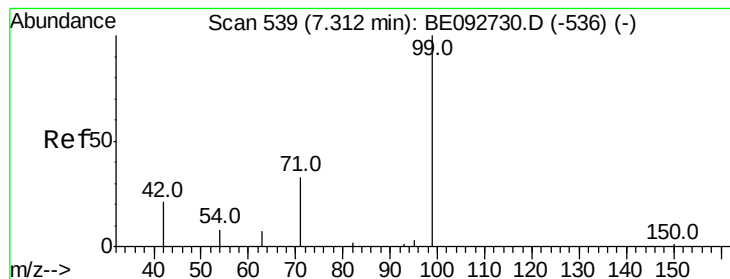
Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0

5.60

Time-->





#5

Phenol-d6

Concen: 2.14 ng

RT: 7.29 min Scan# 538

Delta R.T. -0.02 min

Lab File: BE092768.D

Acq: 28 Feb 2017 18:16

Instrument :

BNA_E

ClientSampleId :

CPS043051

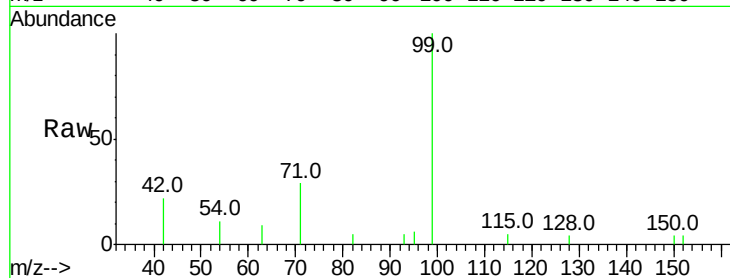
Tot Ion: 99 Resp: 4767

Ion Ratio Lower Upper

99 100

42 0.0 16.0 24.0#

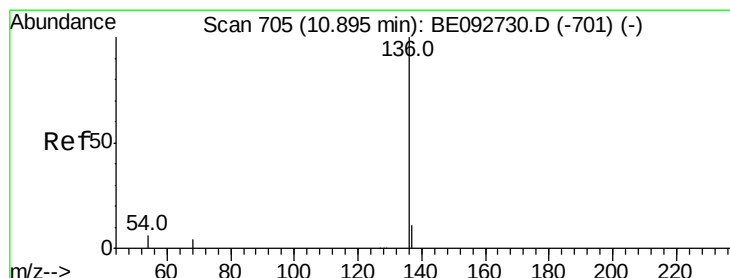
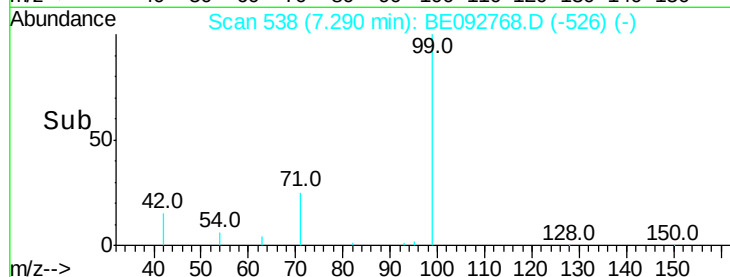
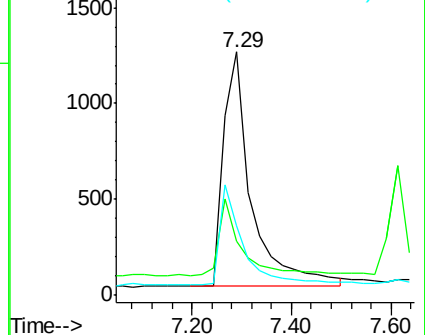
71 0.0 30.6 45.8#



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: BE092768.D

Acq: 28 Feb 2017 18:16

Tgt Ion: 136 Resp: 38729

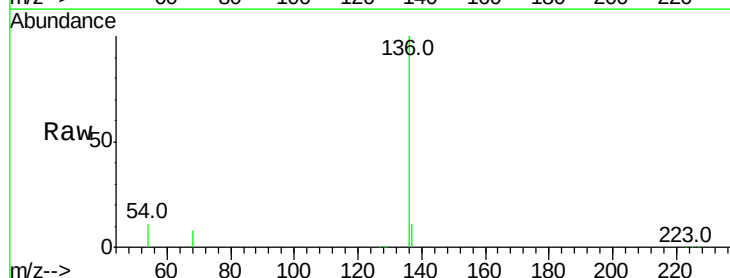
Ion Ratio Lower Upper

136 100

137 10.6 8.2 12.4

54 11.5 9.6 14.4

68 7.7 6.7 10.1

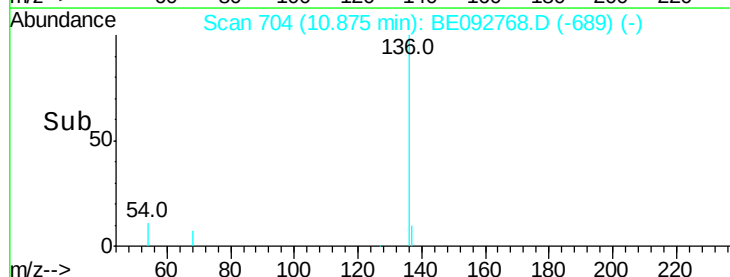
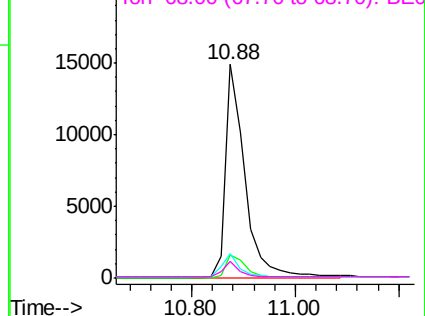


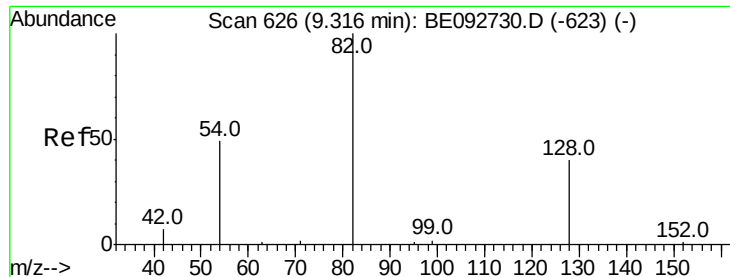
Abundance Ion 136.00 (135.70 to 136.70): E

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: 5.00 ng

RT: 9.27 min Scan# 624

Delta R.T. -0.04 min

Lab File: BE092768.D

Acq: 28 Feb 2017 18:16

Instrument :

BNA_E

ClientSampleId :

CPS043051

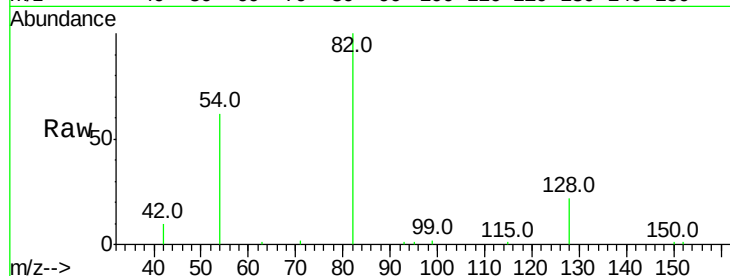
Tot Ion: 82 Resp: 13065

Ion Ratio Lower Upper

82 100

128 22.0 39.0 58.4#

54 61.7 44.8 67.2



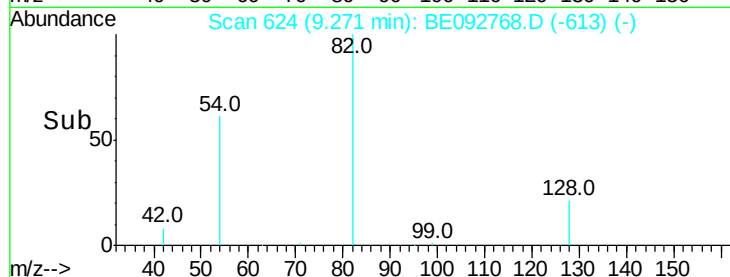
Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): BE0

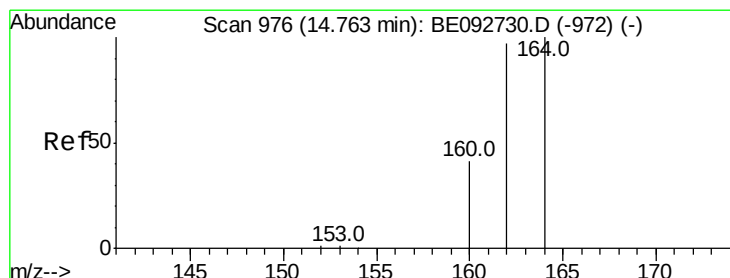
Ion 54.00 (53.70 to 54.70): BE0

9.27

Time-->



Time-->



#12

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.75 min Scan# 976

Delta R.T. -0.02 min

Lab File: BE092768.D

Acq: 28 Feb 2017 18:16

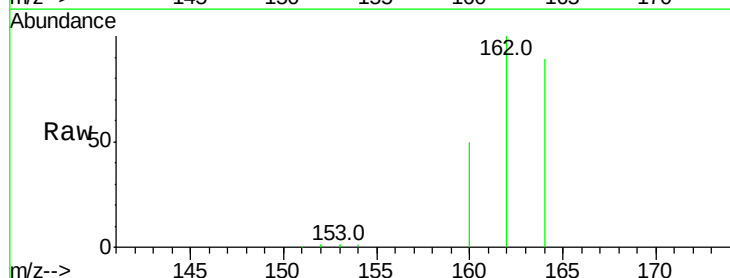
Tgt Ion: 164 Resp: 22772

Ion Ratio Lower Upper

164 100

162 111.8 71.4 107.0#

160 56.1 27.4 41.2#



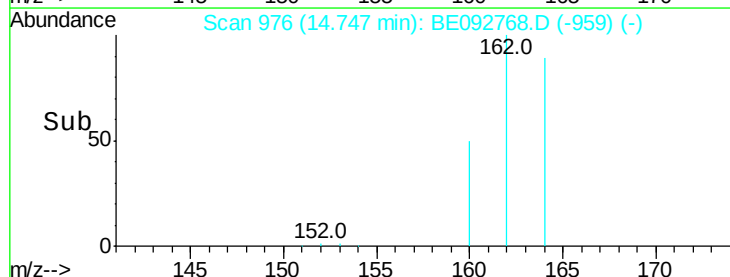
Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

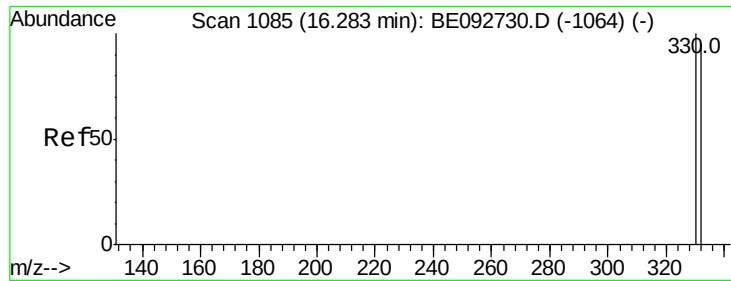
Ion 160.00 (159.70 to 160.70): E

14.75

Time-->



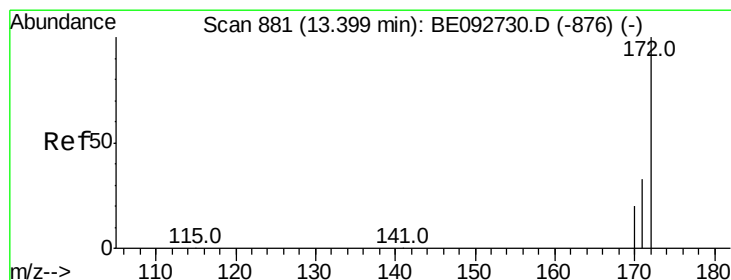
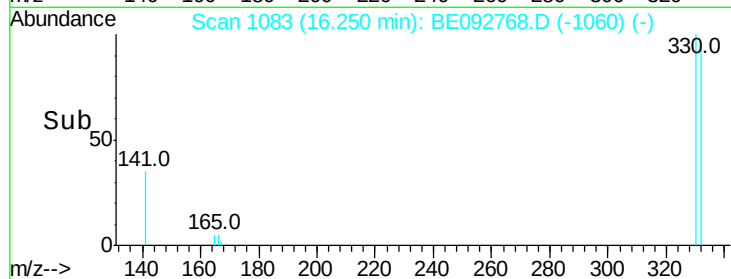
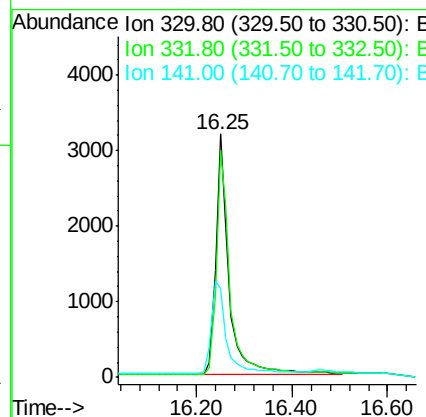
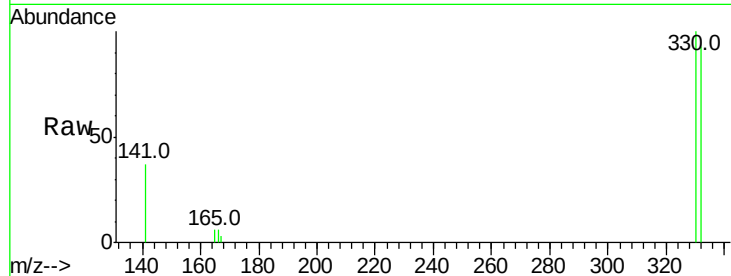
Time-->



#13
 2,4,6-Tribromophenol
 Concen: 12.92 ng
 RT: 16.25 min Scan# 1083
 Delta R.T. -0.03 min
 Lab File: BE092768.D
 Acq: 28 Feb 2017 18:16

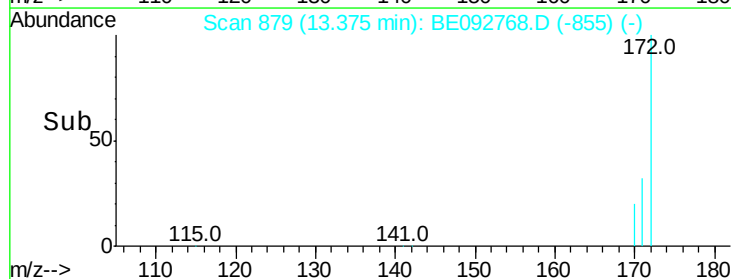
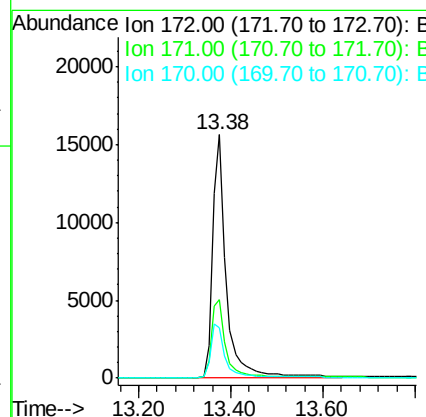
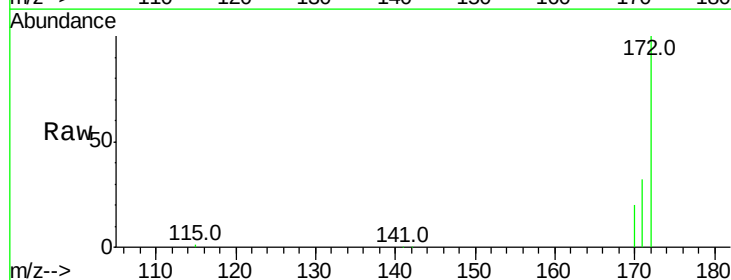
Instrument :
 BNA_E
 ClientSampleId :
 CPS043051

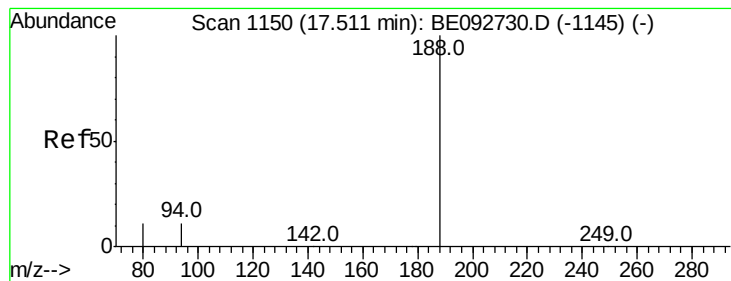
Tot Ion:330 Resp: 6243
 Ion Ratio Lower Upper
 330 100
 332 97.4 75.4 113.0
 141 43.6 31.0 46.6



#14
 2-Fluorobiphenyl
 Concen: 5.86 ng
 RT: 13.38 min Scan# 879
 Delta R.T. -0.02 min
 Lab File: BE092768.D
 Acq: 28 Feb 2017 18:16

Tgt Ion:172 Resp: 32510
 Ion Ratio Lower Upper
 172 100
 171 32.5 30.1 45.1
 170 20.4 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: BE092768.D

Acq: 28 Feb 2017 18:16

Instrument :

BNA_E

ClientSampleId :

CPS043051

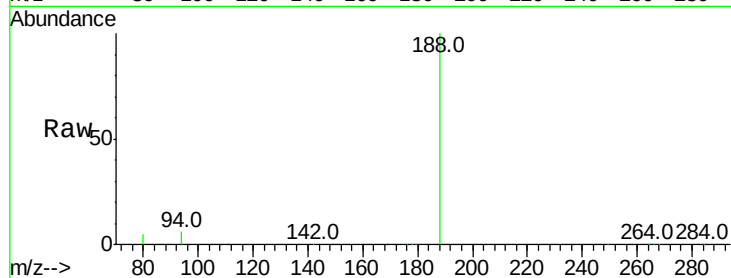
Tot Ion:188 Resp: 58302

Ion Ratio Lower Upper

188 100

94 5.8 3.2 4.8#

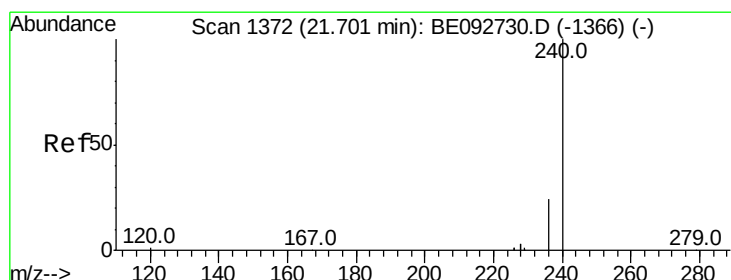
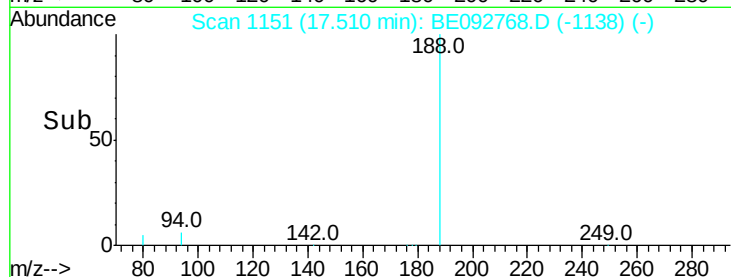
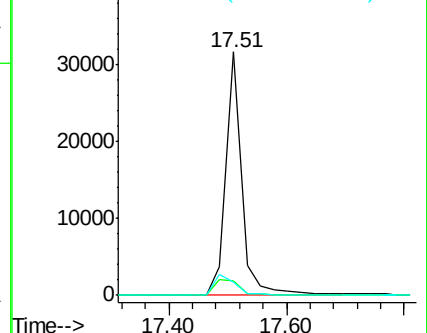
80 5.2 2.6 3.8#



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: BE092768.D

Acq: 28 Feb 2017 18:16

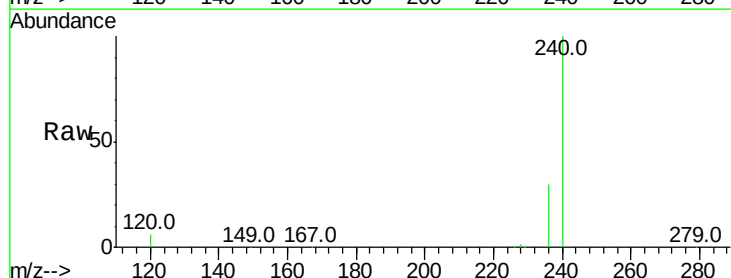
Tgt Ion:240 Resp: 85420

Ion Ratio Lower Upper

240 100

120 6.1 2.6 4.0#

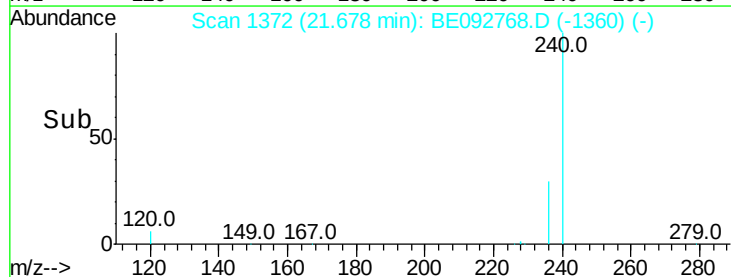
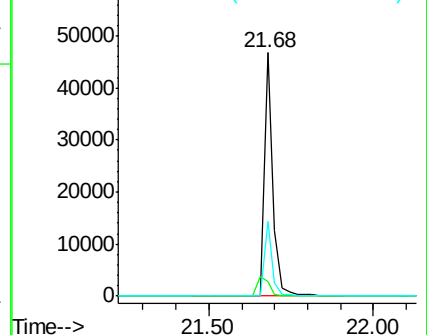
236 30.4 24.6 37.0

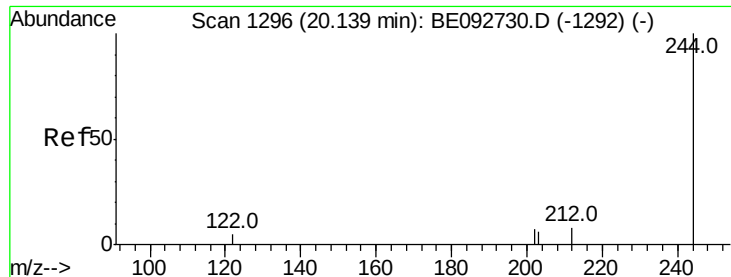


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#26

Terphenyl-d14

Concen: 5.09 ng

RT: 20.12 min Scan# 1296

Delta R.T. -0.02 min

Lab File: BE092768.D

Acq: 28 Feb 2017 18:16

Instrument :

BNA_E

ClientSampleId :

CPS043051

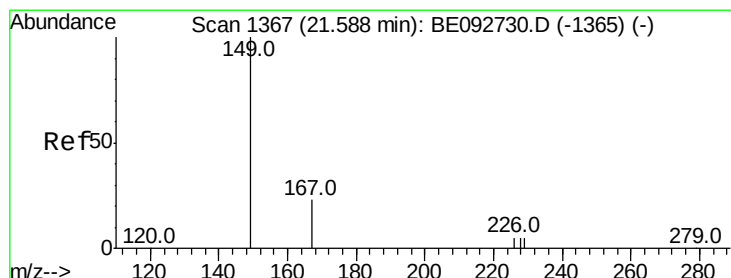
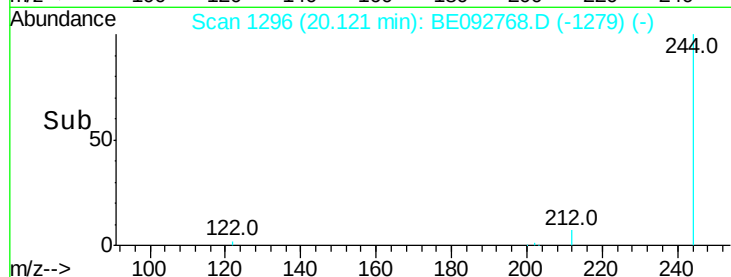
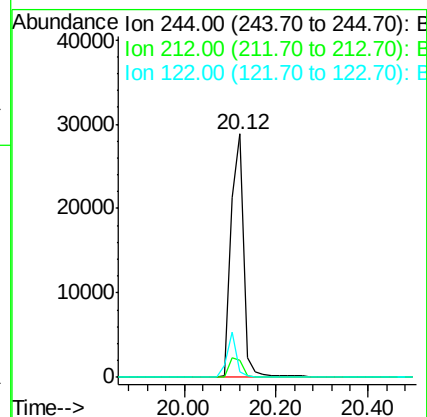
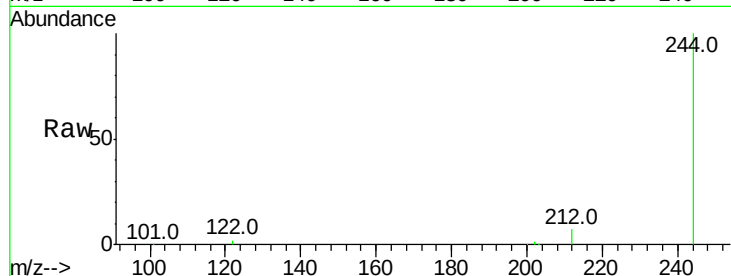
Tot Ion:244 Resp: 55516

Ion Ratio Lower Upper

244 100

212 7.0 6.7 10.1

122 2.2 3.6 5.4#



#29

Bis(2-ethylhexyl)phthalate

Concen: 2.55 ng

RT: 21.59 min Scan# 1368

Delta R.T. -0.00 min

Lab File: BE092768.D

Acq: 28 Feb 2017 18:16

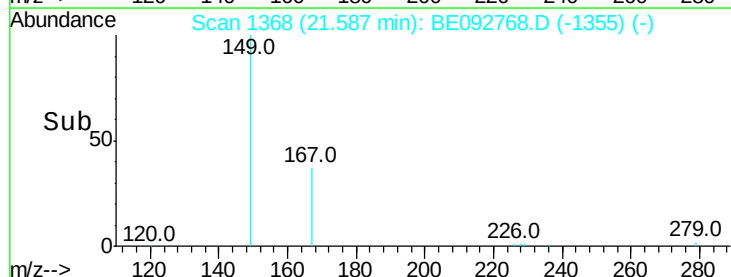
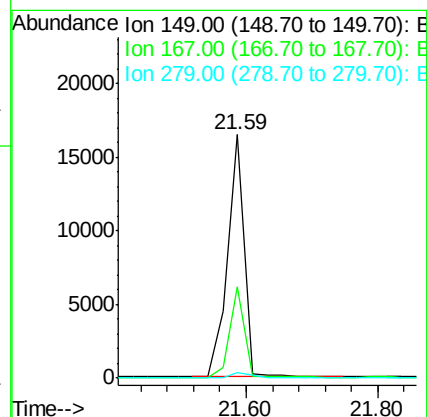
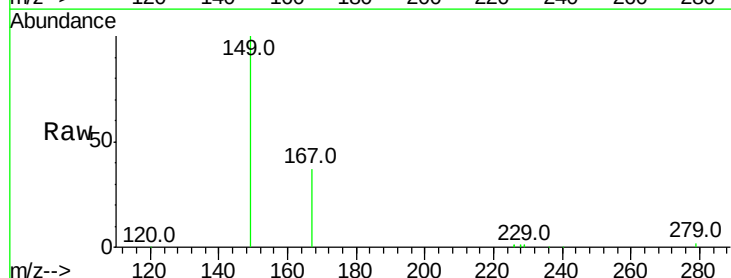
Tgt Ion:149 Resp: 28817

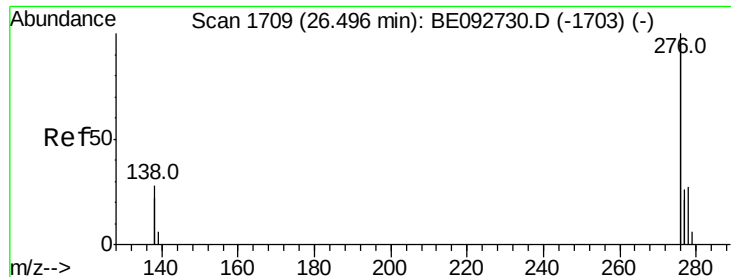
Ion Ratio Lower Upper

149 100

167 32.1 16.0 24.0#

279 2.6 16.0 24.0#





#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: BE092768.D

Acq: 28 Feb 2017 18:16

Instrument :

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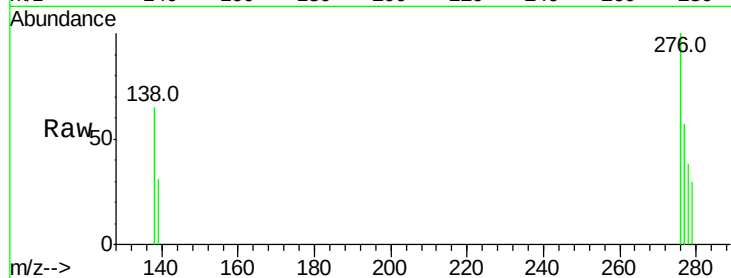
Tot Ion:276 Resp: 1407

Ion Ratio Lower Upper

276 100

138 28.9 20.3 30.5

277 24.0 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

26.50

400

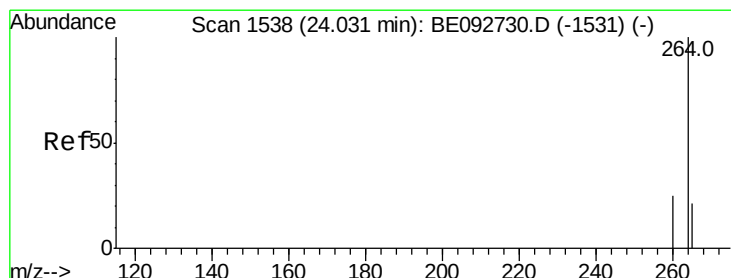
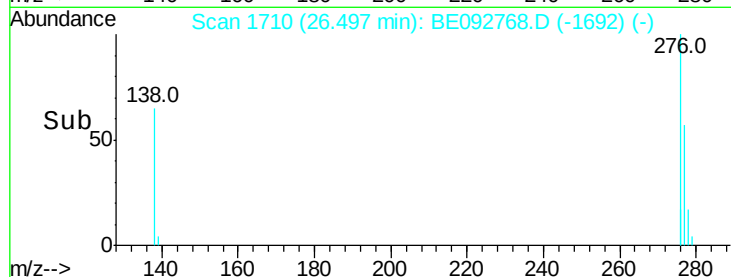
300

200

100

0

Time--> 26.20 26.40 26.60 26.80



#31

Perylene-d12

Concen: 5.00 ng

RT: 24.01 min Scan# 1537

Delta R.T. -0.02 min

Lab File: BE092768.D

Acq: 28 Feb 2017 18:16

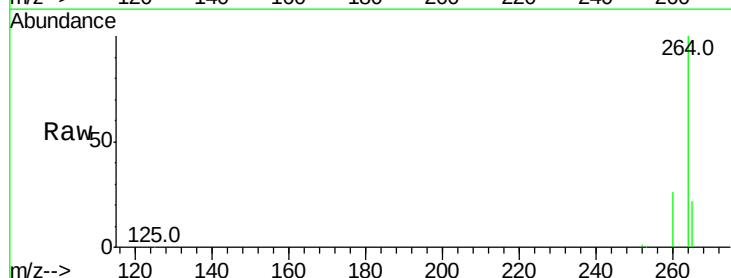
Tgt Ion:264 Resp: 77813

Ion Ratio Lower Upper

264 100

260 26.0 20.1 30.1

265 21.6 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

24.01

40000

30000

20000

10000

0

Time--> 23.80 24.00 24.20

