

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE030617\
 Data File : BE092799.D
 Acq On : 6 Mar 2017 22:39
 Operator : SJ/MA
 Sample : I2052-03
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 CPS133051

Quant Time: Mar 07 02:19:57 2017
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE030617.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 06 15:46:01 2017
 Response via : Initial Calibration

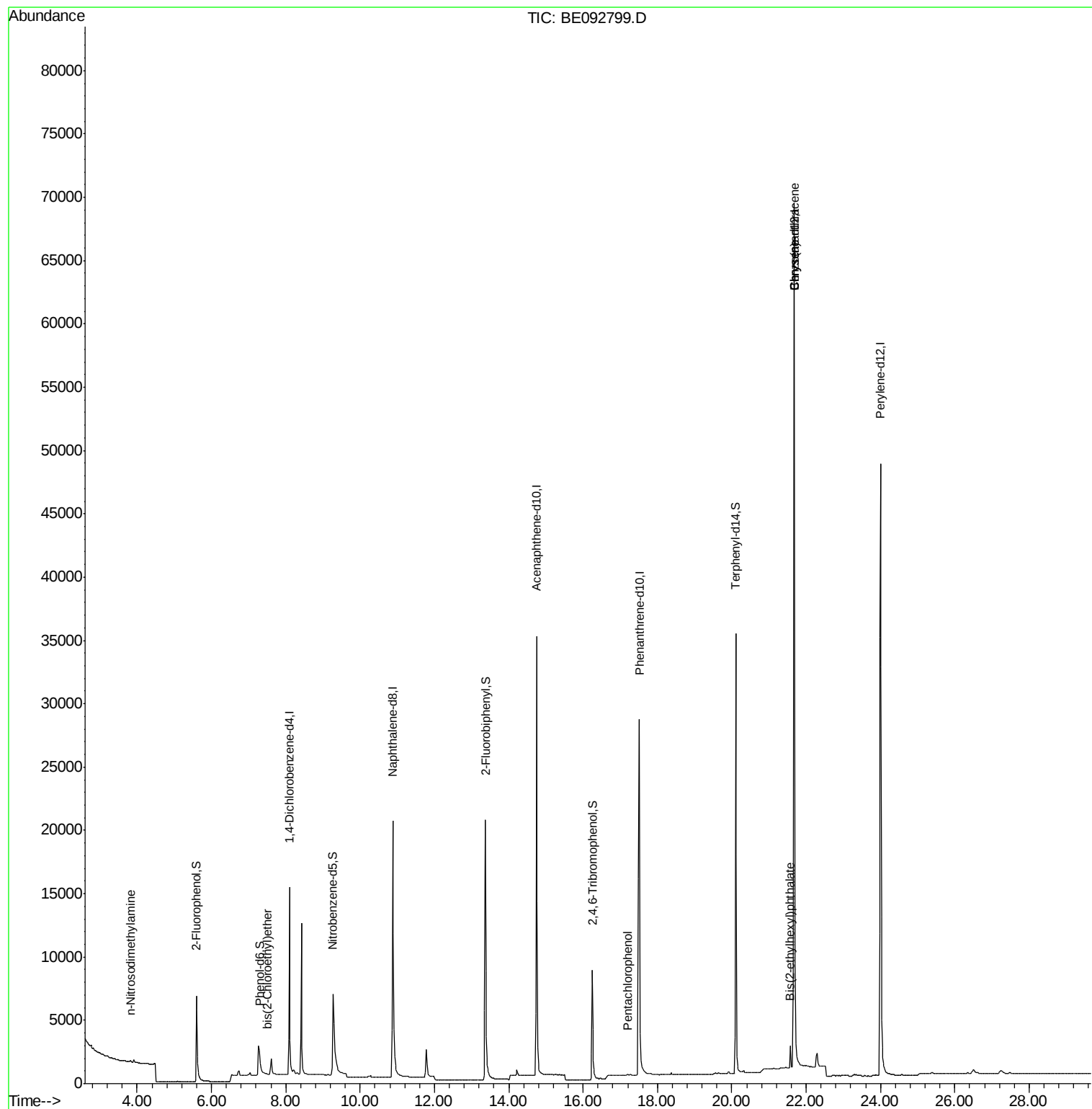
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.10	152	9160	5.00	ng	-0.02
7) Naphthalene-d8	10.87	136	39082	5.00	ng	-0.02
12) Acenaphthene-d10	14.75	164	23358	5.00	ng	-0.02
18) Phenanthrene-d10	17.51	188	55607	5.00	ng	0.00
24) Chrysene-d12	21.68	240	84275	5.00	ng	-0.02
31) Perylene-d12	24.01	264	72944	5.00	ng	-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.60	112	7358	3.80	ng	-0.03
5) Phenol-d6	7.29	99	5013	2.17	ng	-0.02
8) Nitrobenzene-d5	9.27	82	11317	4.74	ng	-0.05
13) 2,4,6-Tribromophenol	16.25	330	7570	12.32	ng	-0.03
14) 2-Fluorobiphenyl	13.37	172	28999	5.26	ng	-0.02
26) Terphenyl-d14	20.11	244	47918	4.71	ng	-0.03
Target Compounds						
3) n-Nitrosodimethylamine	3.82	42	37	0.02	ng	# 7
6) bis(2-Chloroethyl)ether	7.50	93	79	0.03	ng	# 15
20) Pentachlorophenol	17.19	266	61	0.16	ng	# 85
27) Benzo(a)anthracene	21.68	228	1568	0.08	ng	# 61
28) Chrysene	21.68	228	1600	0.02	ng	# 65
29) Bis(2-ethylhexyl)phthalate	21.57	149	3494	0.52	ng	# 56

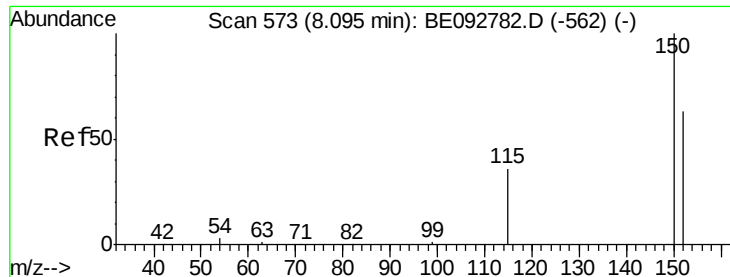
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE030617\
Data File : BE092799.D
Acq On : 6 Mar 2017 22:39
Operator : SJ/MA
Sample : I2052-03
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
CPS133051

Quant Time: Mar 07 02:19:57 2017
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE030617.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 06 15:46:01 2017
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 8.10 min Scan# 573

Delta R.T. -0.02 min

Lab File: BE092799.D

Acq: 6 Mar 2017 22:39

Instrument :

BNA_E

ClientSampleId :

CPS133051

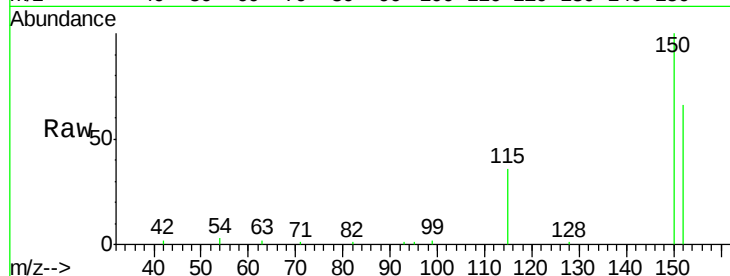
Tgt Ion:152 Resp: 9160

Ion Ratio Lower Upper

152 100

150 152.6 106.0 159.0

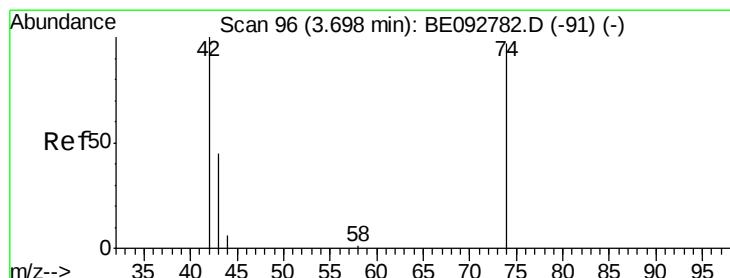
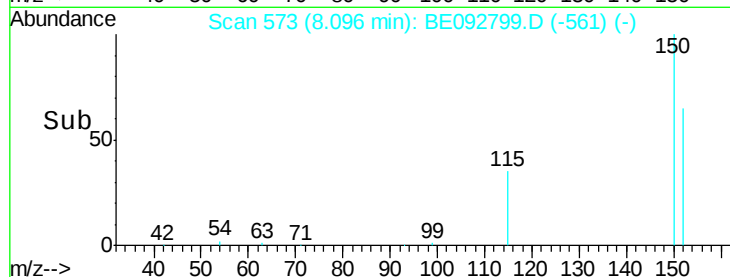
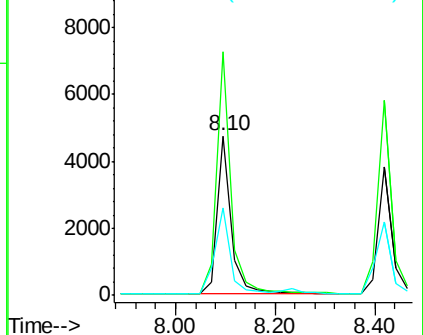
115 54.9 31.2 46.8#



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: 0.02 ng

RT: 3.82 min Scan# 107

Delta R.T. 0.09 min

Lab File: BE092799.D

Acq: 6 Mar 2017 22:39

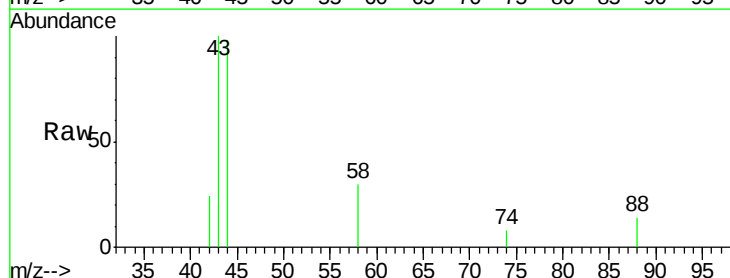
Tgt Ion: 42 Resp: 37

Ion Ratio Lower Upper

42 100

74 5.4 86.0 129.0#

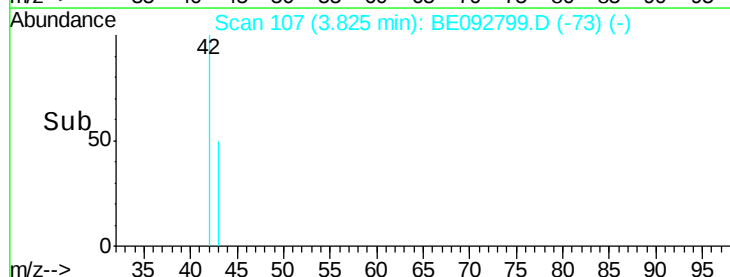
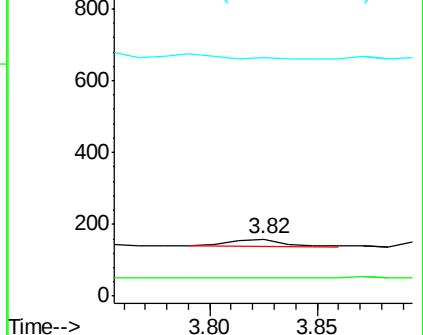
44 0.0 5.1 7.7#

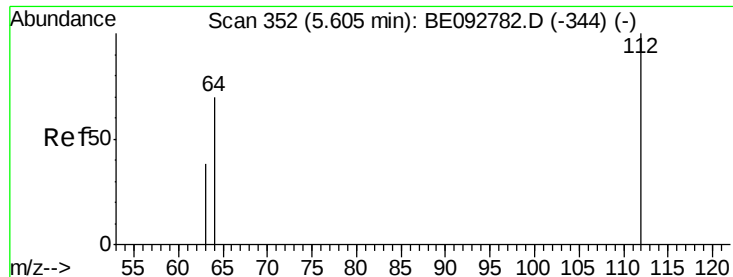


Abundance Ion 42.00 (41.70 to 42.70): BE0

Ion 74.00 (73.70 to 74.70): BE0

Ion 44.00 (43.70 to 44.70): BE0





#4

2-Fluorophenol

Concen: 3.80 ng

RT: 5.60 min Scan# 351

Delta R.T. -0.03 min

Lab File: BE092799.D

Acq: 6 Mar 2017 22:39

Instrument :

BNA_E

ClientSampleId :

CPS133051

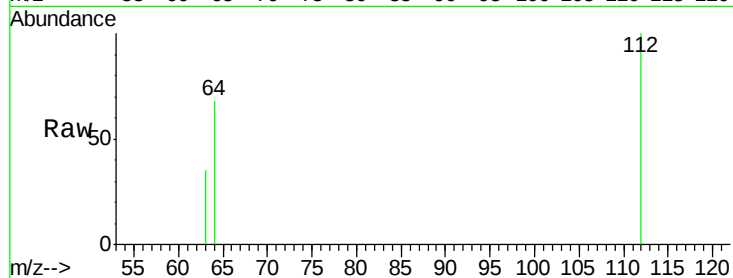
Tgt Ion: 112 Resp: 7358

Ion Ratio Lower Upper

112 100

64 69.0 53.5 80.3

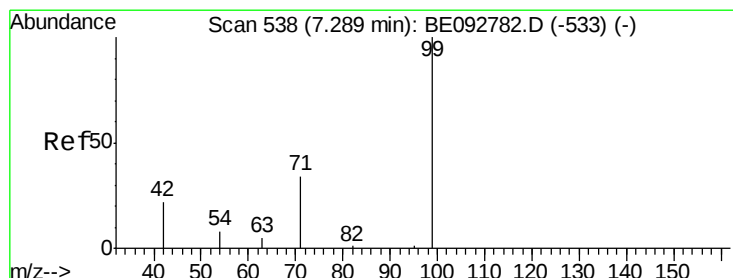
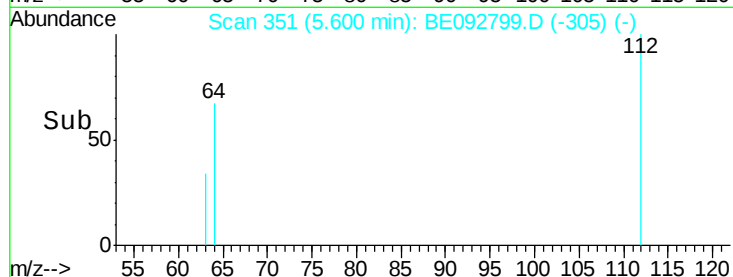
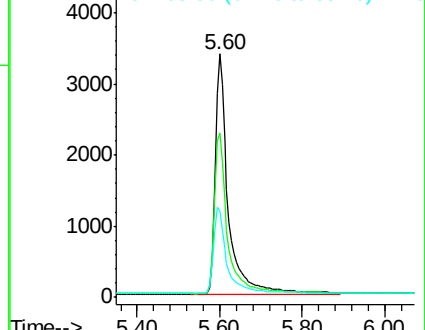
63 36.3 27.9 41.9



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: 2.17 ng

RT: 7.29 min Scan# 538

Delta R.T. -0.02 min

Lab File: BE092799.D

Acq: 6 Mar 2017 22:39

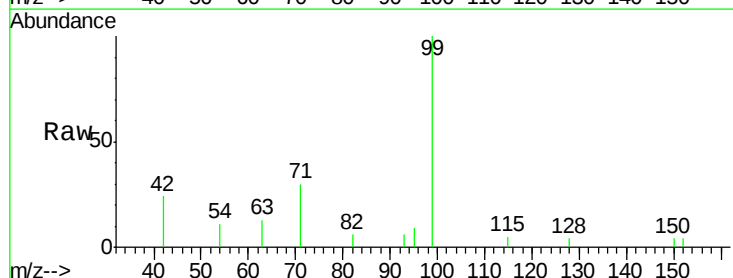
Tgt Ion: 99 Resp: 5013

Ion Ratio Lower Upper

99 100

42 0.0 16.0 24.0#

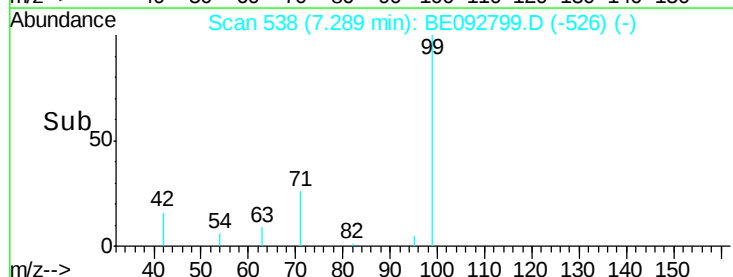
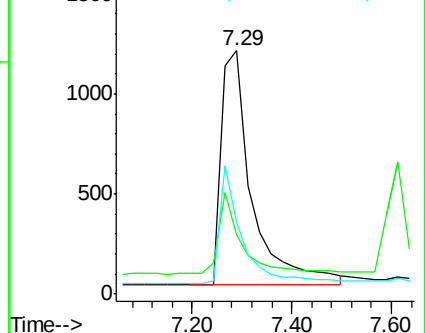
71 0.0 30.6 45.8#

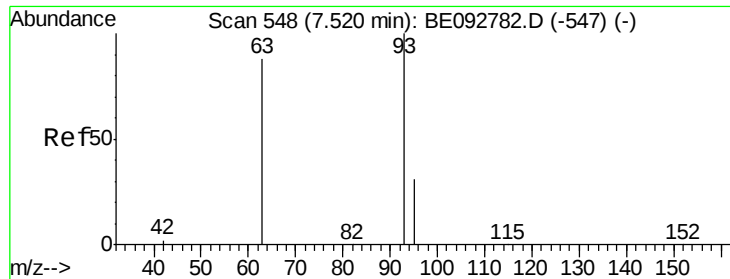


Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0





#6

bis(2-Chloroethyl)ether

Concen: 0.03 ng

RT: 7.50 min Scan# 547

Delta R.T. -0.05 min

Lab File: BE092799.D

Acq: 6 Mar 2017 22:39

Instrument :

BNA_E

ClientSampleId :

CPS133051

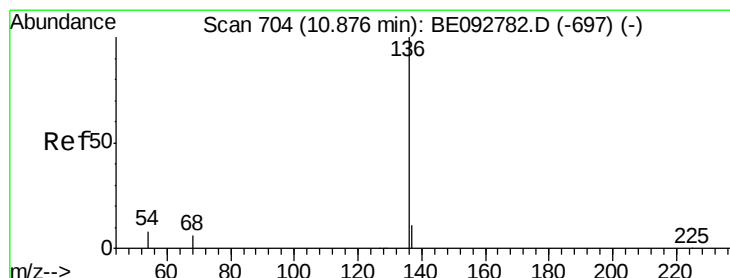
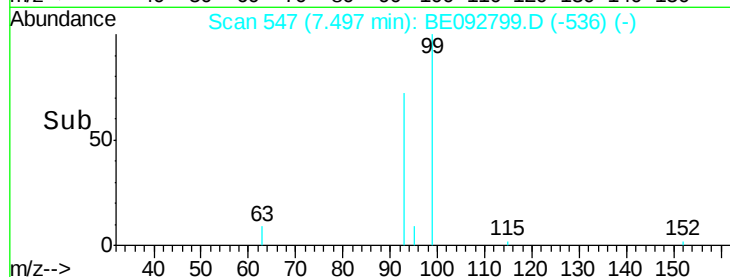
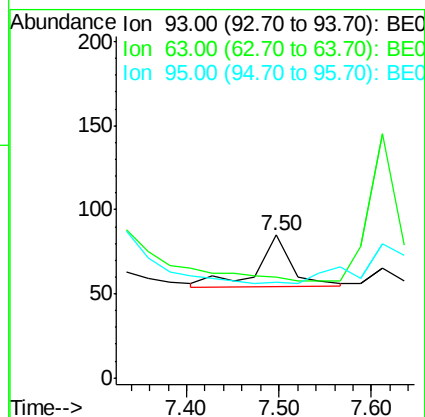
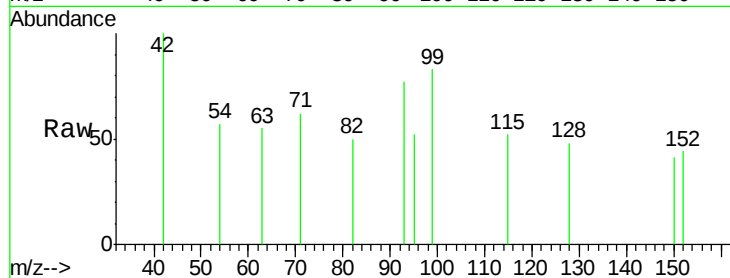
Tgt Ion: 93 Resp: 79

Ion Ratio Lower Upper

93 100

63 0.0 71.6 107.4#

95 0.0 24.0 36.0#



#7

Naphthalene-d8

Concen: 5.00 ng

RT: 10.87 min Scan# 704

Delta R.T. -0.02 min

Lab File: BE092799.D

Acq: 6 Mar 2017 22:39

Tgt Ion: 136 Resp: 39082

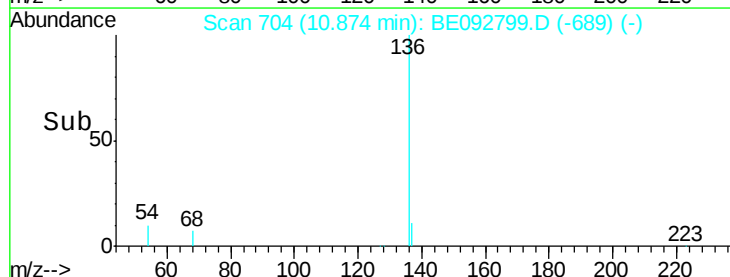
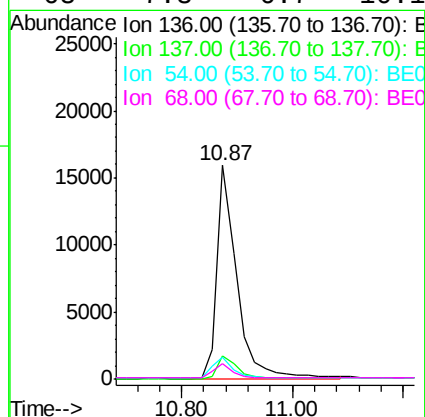
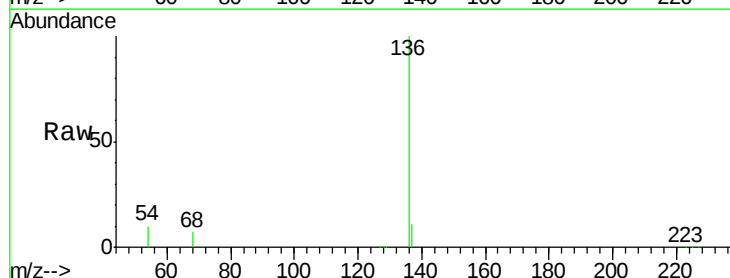
Ion Ratio Lower Upper

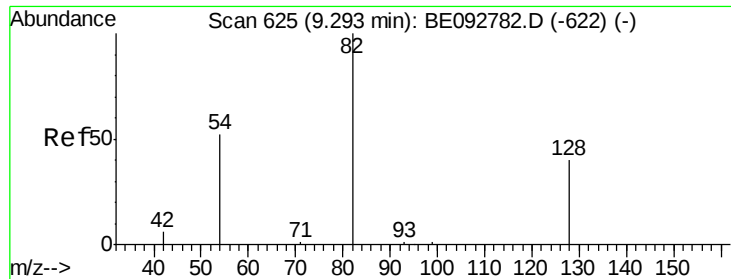
136 100

137 10.8 8.2 12.4

54 10.4 9.6 14.4

68 7.3 6.7 10.1





#8

Nitrobenzene-d5

Concen: 4.74 ng

RT: 9.27 min Scan# 624

Delta R.T. -0.05 min

Lab File: BE092799.D

Acq: 6 Mar 2017 22:39

Instrument :

BNA_E

ClientSampleId :

CPS133051

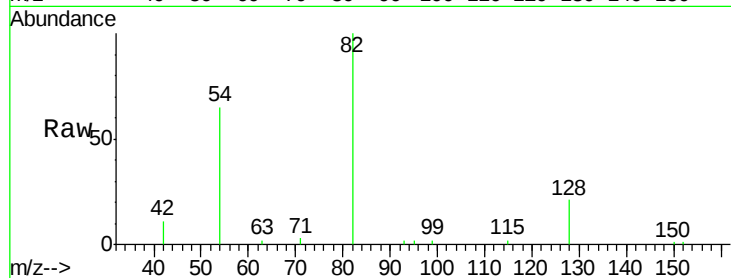
Tgt Ion: 82 Resp: 11317

Ion Ratio Lower Upper

82 100

128 21.2 39.0 58.4#

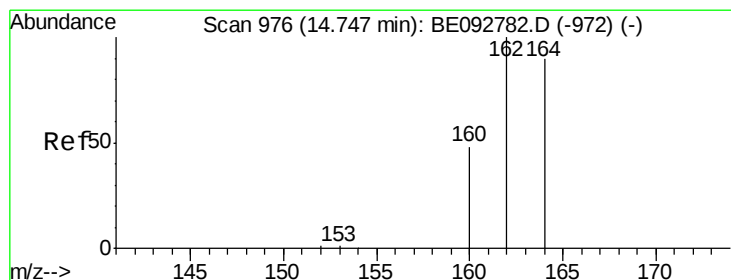
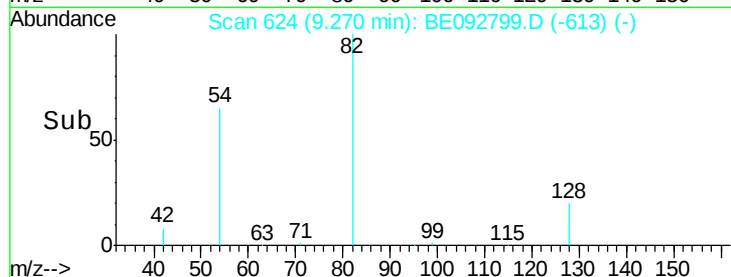
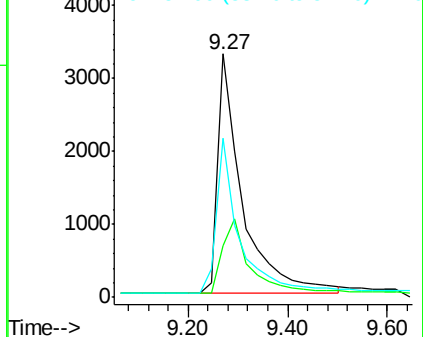
54 65.3 44.8 67.2



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: 14.75 min Scan# 976

Delta R.T. -0.02 min

Lab File: BE092799.D

Acq: 6 Mar 2017 22:39

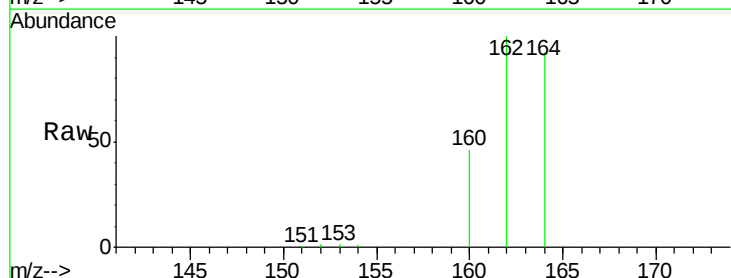
Tgt Ion: 164 Resp: 23358

Ion Ratio Lower Upper

164 100

162 108.2 71.4 107.0#

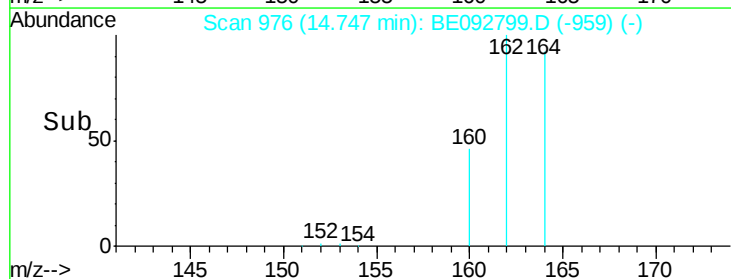
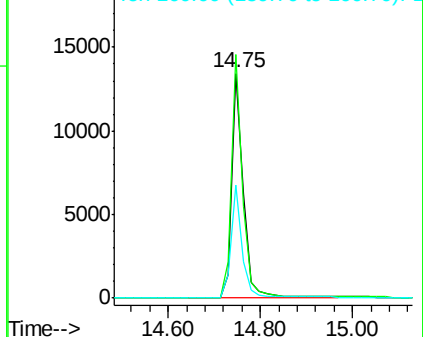
160 50.1 27.4 41.2#

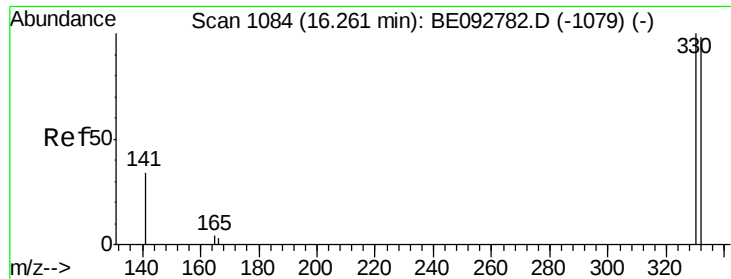


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

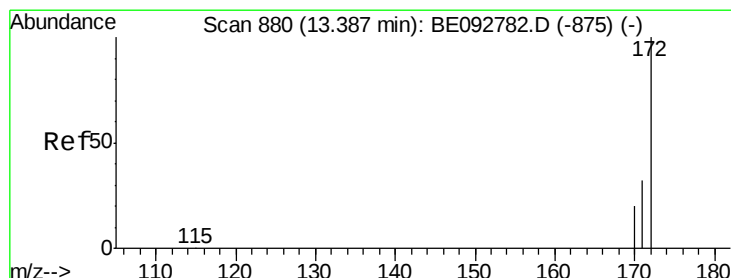
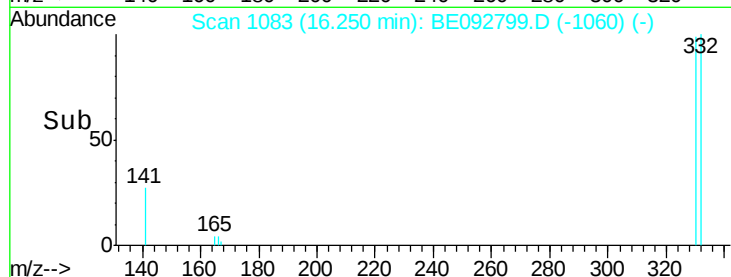
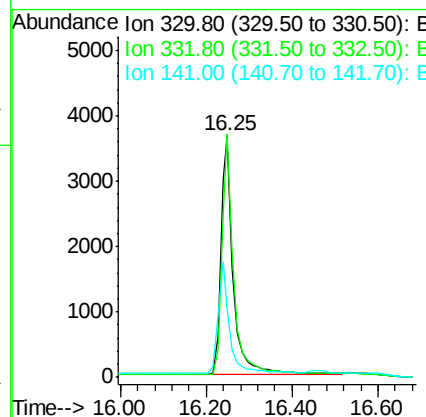
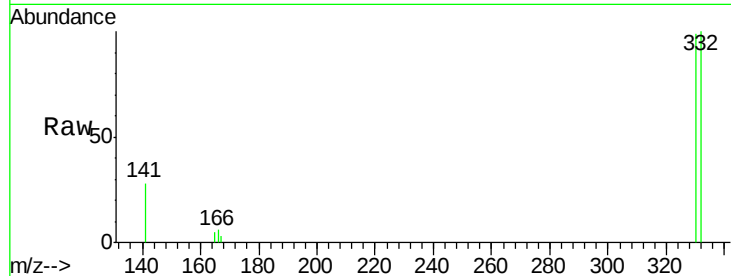




#13
 2,4,6-Tribromophenol
 Concen: 12.32 ng
 RT: 16.25 min Scan# 1083
 Delta R.T. -0.03 min
 Lab File: BE092799.D
 Acq: 6 Mar 2017 22:39

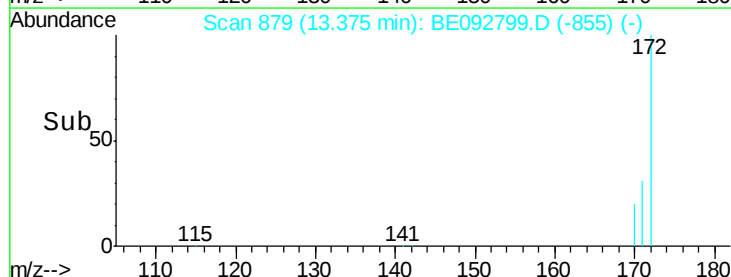
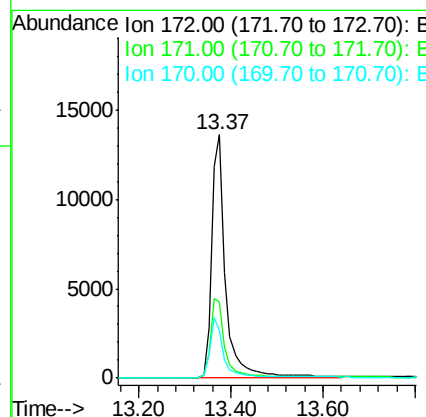
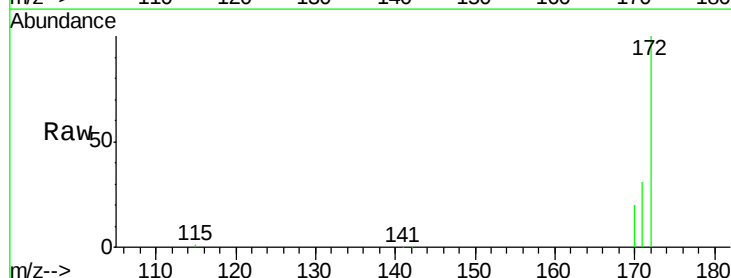
Instrument :
 BNA_E
 ClientSampleId :
 CPS133051

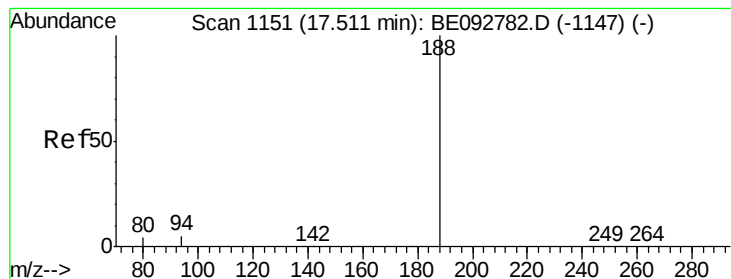
Tgt Ion:330 Resp: 7570
 Ion Ratio Lower Upper
 330 100
 332 96.1 75.4 113.0
 141 43.3 31.0 46.6



#14
 2-Fluorobiphenyl
 Concen: 5.26 ng
 RT: 13.37 min Scan# 879
 Delta R.T. -0.02 min
 Lab File: BE092799.D
 Acq: 6 Mar 2017 22:39

Tgt Ion:172 Resp: 28999
 Ion Ratio Lower Upper
 172 100
 171 31.4 30.1 45.1
 170 19.8 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: BE092799.D

Acq: 6 Mar 2017 22:39

Instrument :

BNA_E

ClientSampleId :

CPS133051

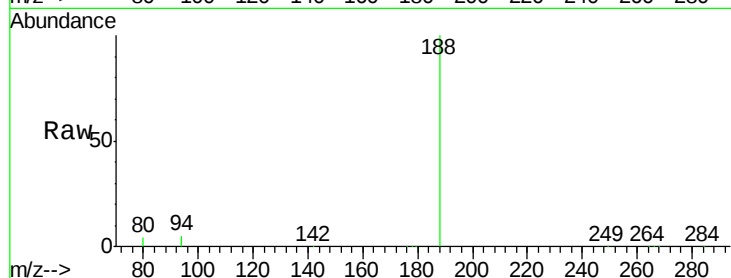
Tgt Ion:188 Resp: 55607

Ion Ratio Lower Upper

188 100

94 4.6 3.2 4.8

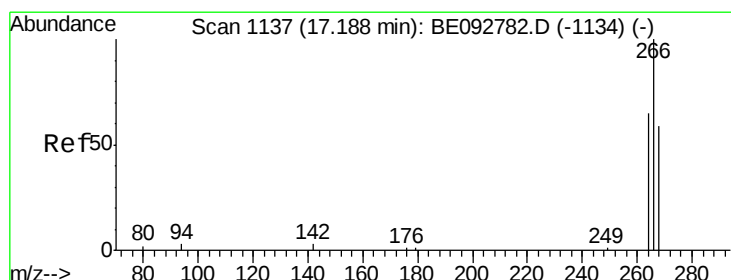
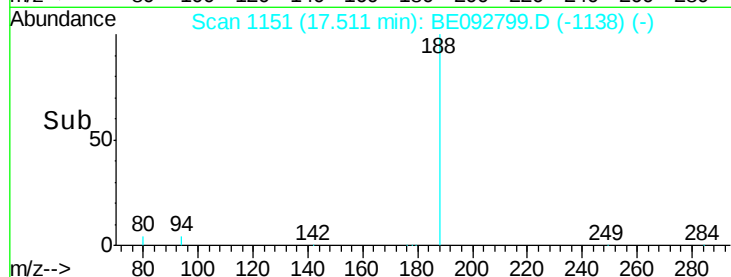
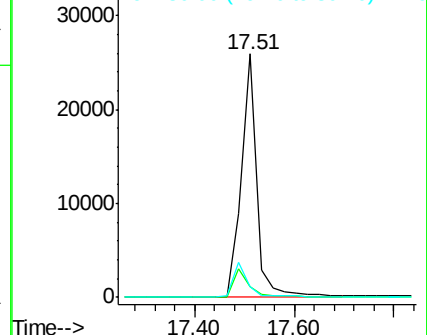
80 4.2 2.6 3.8#



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



#20

Pentachlorophenol

Concen: 0.16 ng

RT: 17.19 min Scan# 1137

Delta R.T. -0.11 min

Lab File: BE092799.D

Acq: 6 Mar 2017 22:39

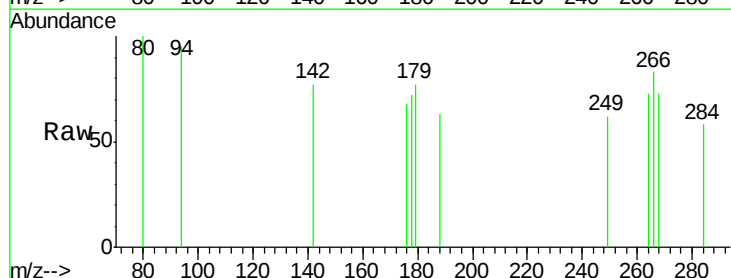
Tgt Ion:266 Resp: 61

Ion Ratio Lower Upper

266 100

268 87.7 62.5 93.7

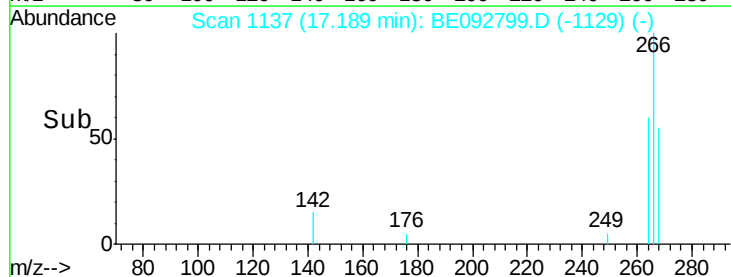
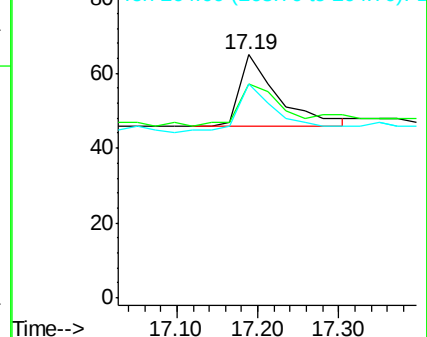
264 87.7 57.2 85.8#

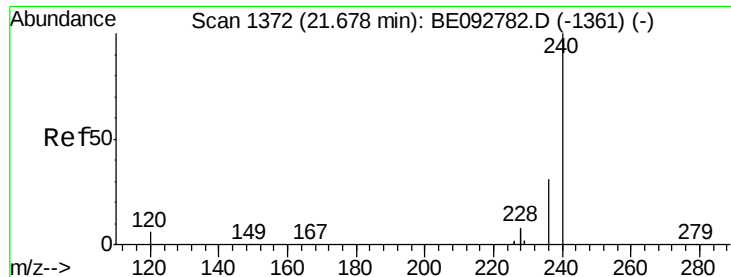


Abundance Ion 265.70 (265.40 to 266.40): E

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: BE092799.D

Acq: 6 Mar 2017 22:39

Instrument :

BNA_E

ClientSampleId :

CPS133051

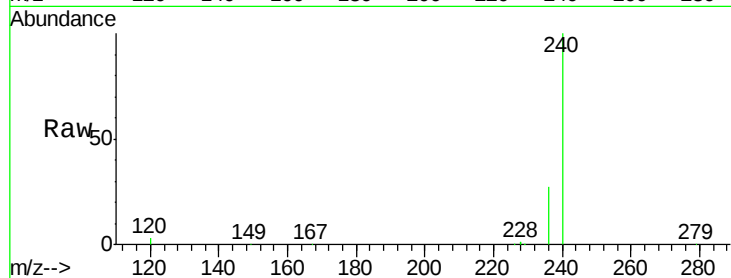
Tgt Ion:240 Resp: 84275

Ion Ratio Lower Upper

240 100

120 3.0 2.6 4.0

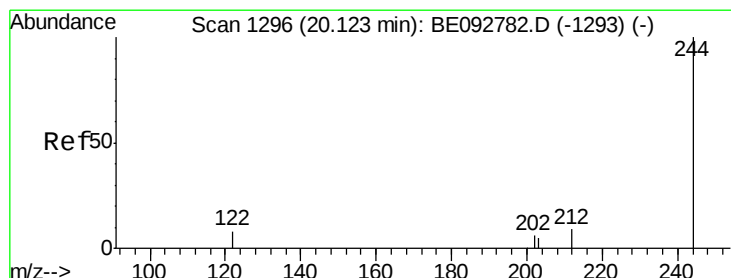
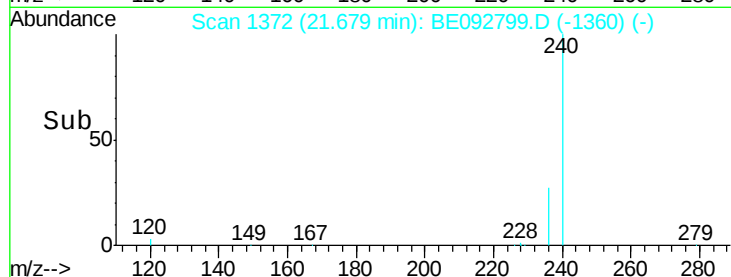
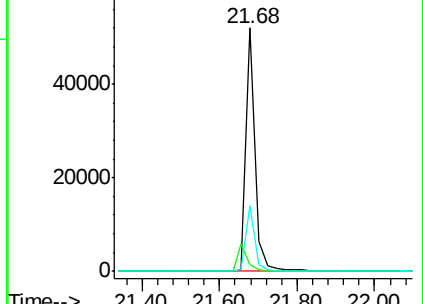
236 27.2 24.6 37.0



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: 4.71 ng

RT: 20.11 min Scan# 1295

Delta R.T. -0.03 min

Lab File: BE092799.D

Acq: 6 Mar 2017 22:39

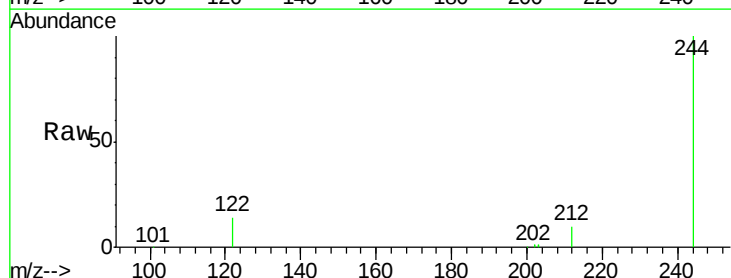
Tgt Ion:244 Resp: 47918

Ion Ratio Lower Upper

244 100

212 9.8 6.7 10.1

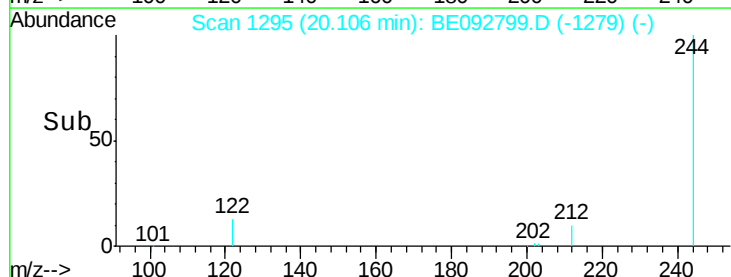
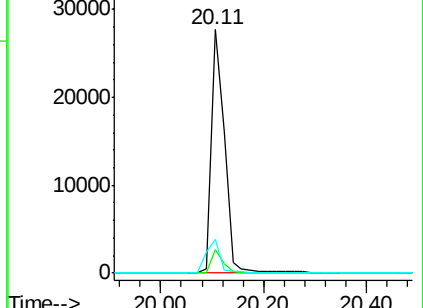
122 13.7 3.6 5.4#

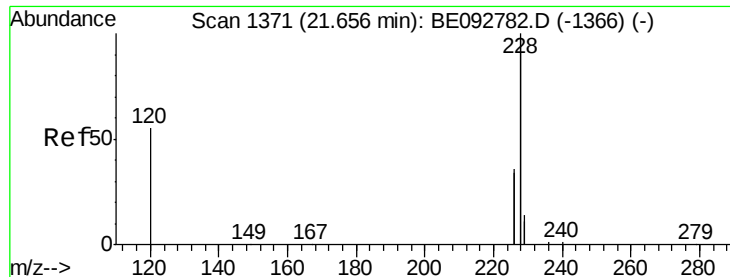


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

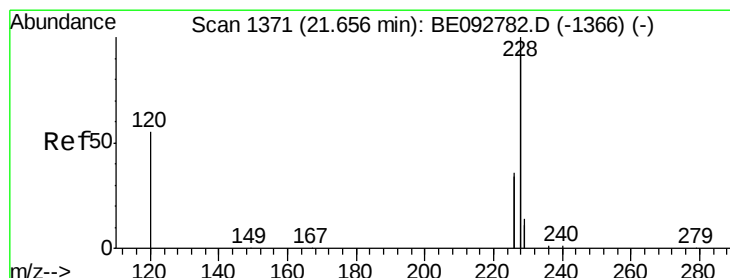
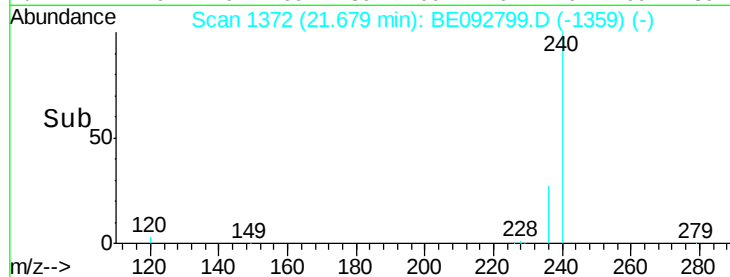
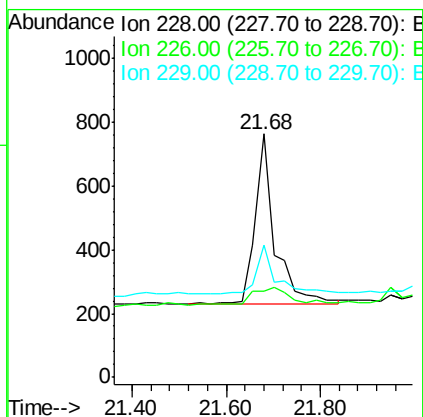
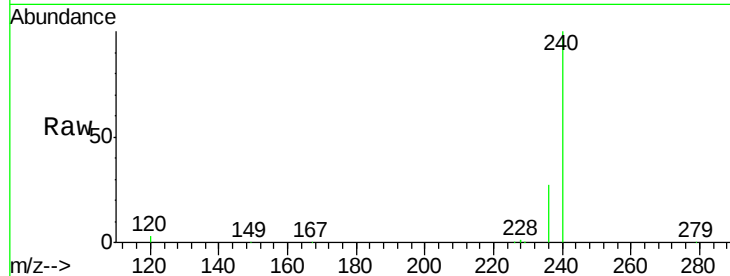




#27
Benzo(a)anthracene
Concen: 0.08 ng
RT: 21.68 min Scan# 1372
Delta R.T. 0.00 min
Lab File: BE092799.D
Acq: 6 Mar 2017 22:39

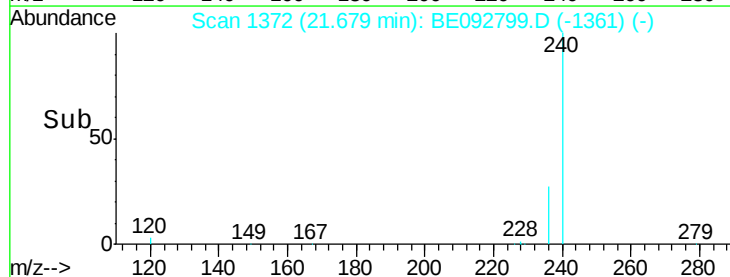
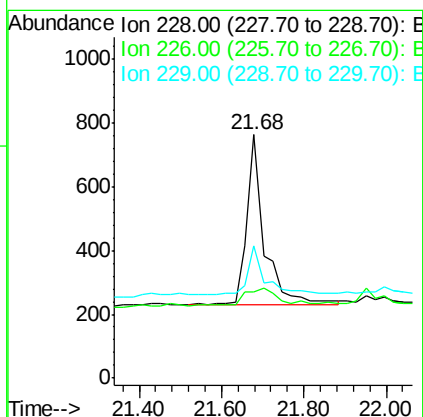
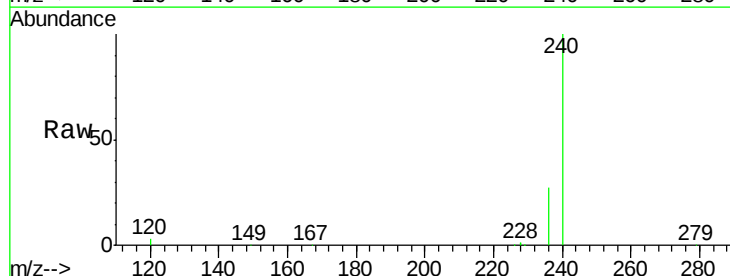
Instrument :
BNA_E
ClientSampled :
CPS133051

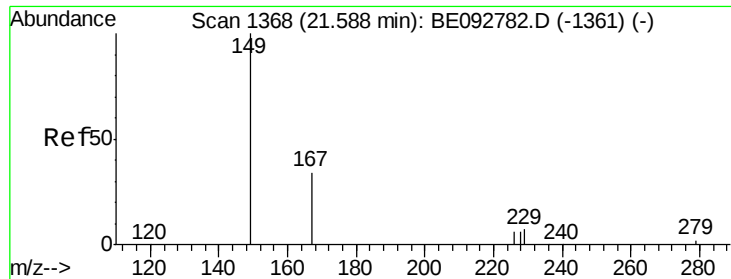
Tgt Ion:228 Resp: 1568
Ion Ratio Lower Upper
228 100
226 35.3 23.6 35.4
229 54.5 13.3 19.9#



#28
Chrysene
Concen: 0.02 ng
RT: 21.68 min Scan# 1372
Delta R.T. -0.04 min
Lab File: BE092799.D
Acq: 6 Mar 2017 22:39

Tgt Ion:228 Resp: 1600
Ion Ratio Lower Upper
228 100
226 35.3 36.3 54.5#
229 54.5 10.6 16.0#

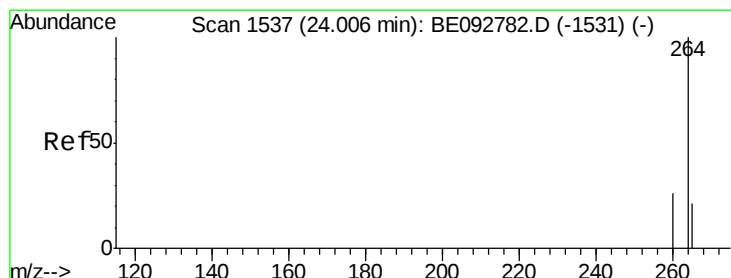
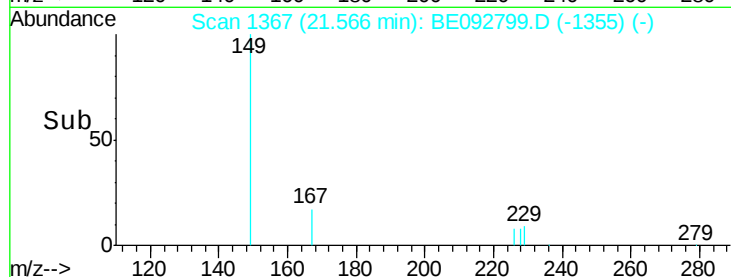
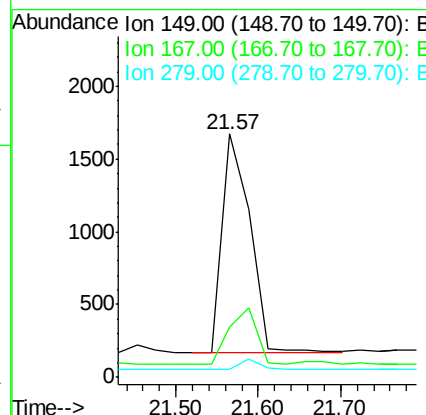
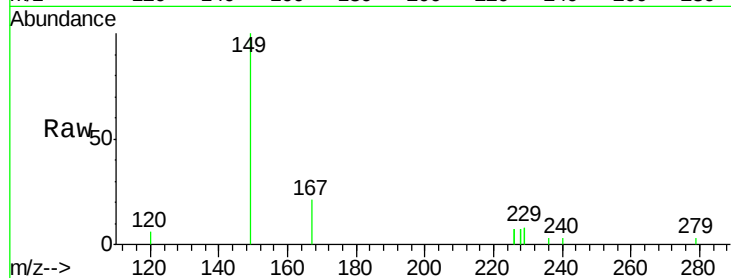




#29
 Bis(2-ethylhexyl)phthalate
 Concen: 0.52 ng
 RT: 21.57 min Scan# 1367
 Delta R.T. -0.02 min
 Lab File: BE092799.D
 Acq: 6 Mar 2017 22:39

Instrument :
 BNA_E
 ClientSampleId :
 CPS133051

Tgt Ion:149 Resp: 3494
 Ion Ratio Lower Upper
 149 100
 167 0.0 16.0 24.0#
 279 0.0 16.0 24.0#



#31
 Perylene-d12
 Concen: 5.00 ng
 RT: 24.01 min Scan# 1537
 Delta R.T. -0.02 min
 Lab File: BE092799.D
 Acq: 6 Mar 2017 22:39

Tgt Ion:264 Resp: 72944
 Ion Ratio Lower Upper
 264 100
 260 24.8 20.1 30.1
 265 21.7 17.9 26.9

