

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE030617\
 Data File : BE092800.D
 Acq On : 6 Mar 2017 23:18
 Operator : SJ/MA
 Sample : I2052-04
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 CPS103051

Quant Time: Mar 07 02:20:09 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

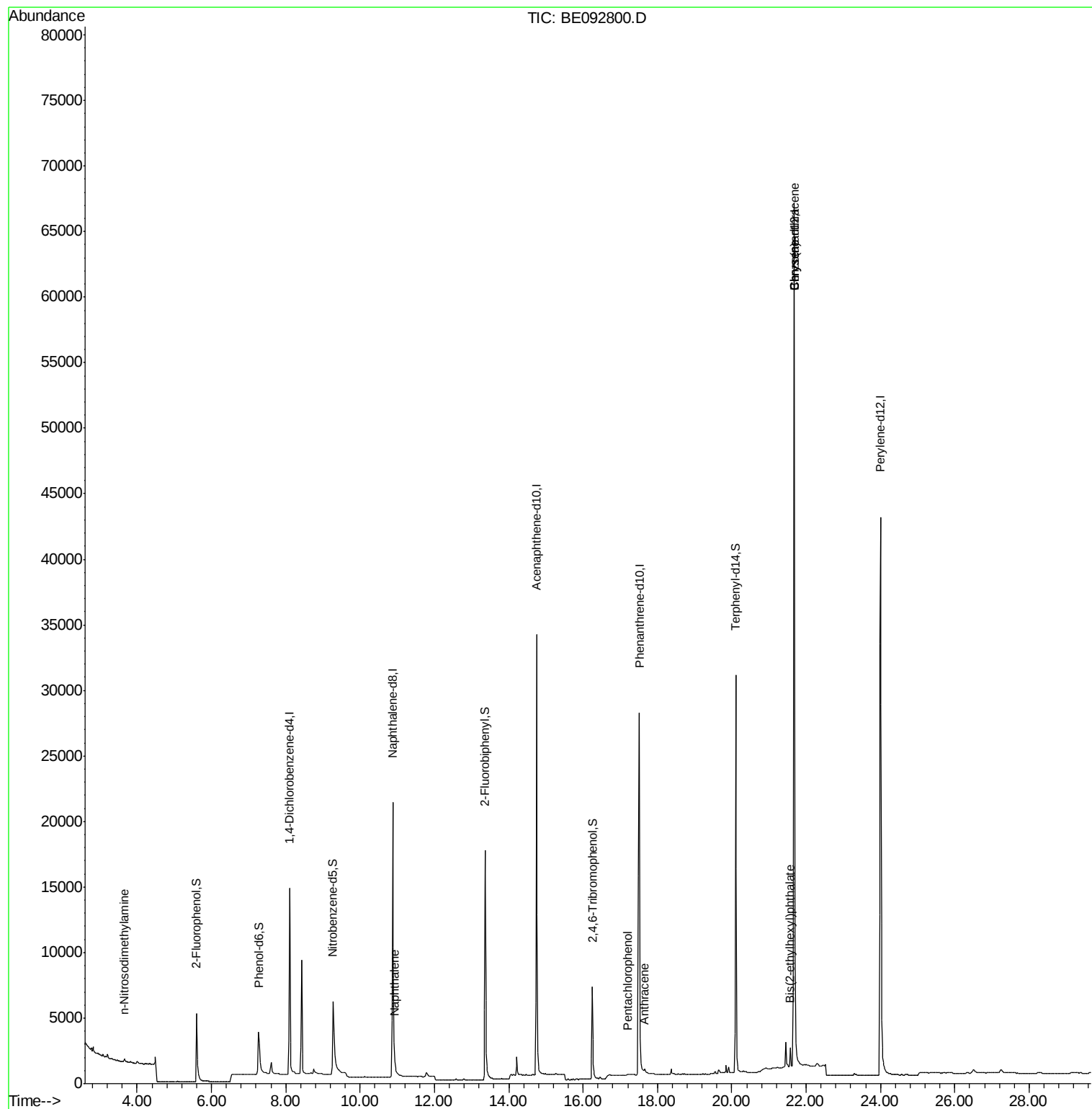
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.10	152	8540	5.00	ng	-0.02
7) Naphthalene-d8	10.87	136	37071	5.00	ng	-0.02
12) Acenaphthene-d10	14.75	164	22076	5.00	ng	-0.02
18) Phenanthrene-d10	17.51	188	53644	5.00	ng	0.00
24) Chrysene-d12	21.68	240	81035	5.00	ng	-0.02
31) Perylene-d12	24.01	264	67225	5.00	ng	-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.60	112	5729	3.17	ng	-0.03
5) Phenol-d6	7.27	99	4637	2.15	ng	-0.05
8) Nitrobenzene-d5	9.27	82	8576	3.79	ng	-0.05
13) 2,4,6-Tribromophenol	16.25	330	6023	10.37	ng	-0.03
14) 2-Fluorobiphenyl	13.36	172	22815	4.38	ng	-0.04
26) Terphenyl-d14	20.11	244	42133	4.31	ng	-0.03
Target Compounds						Qvalue
3) n-Nitrosodimethylamine	3.66	42	40	0.03	ng	# 6
9) Naphthalene	10.93	128	189	0.02	ng	# 12
20) Pentachlorophenol	17.19	266	59	0.16	ng	# 79
22) Anthracene	17.65	178	431	0.03	ng	# 94
27) Benzo(a)anthracene	21.68	228	1576	0.09	ng	# 58
28) Chrysene	21.68	228	1606	0.02	ng	# 64
29) Bis(2-ethylhexyl)phthalate	21.57	149	2993	0.46	ng	# 56

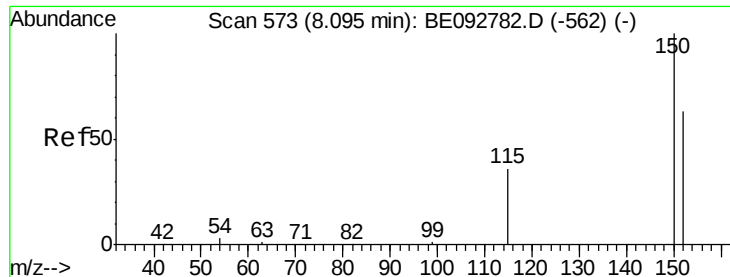
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BE092800.D

Acq: 6 Mar 2017 23:18

Instrument :

BNA_E

ClientSampleId :

CPS103051

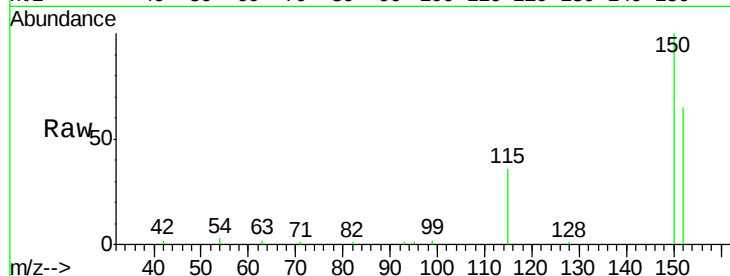
Tgt Ion:152 Resp: 8540

Ion Ratio Lower Upper

152 100

150 153.0 106.0 159.0

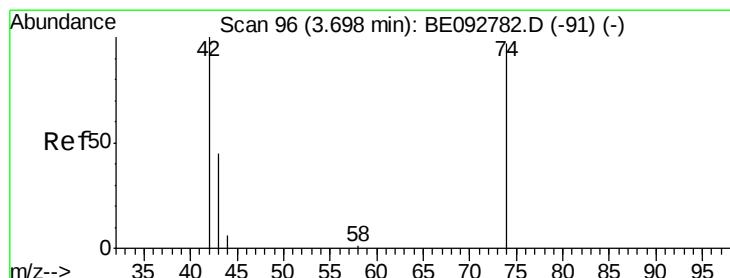
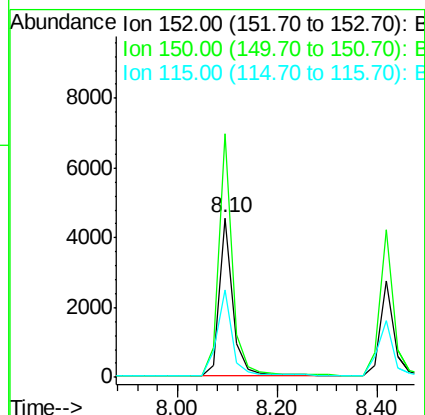
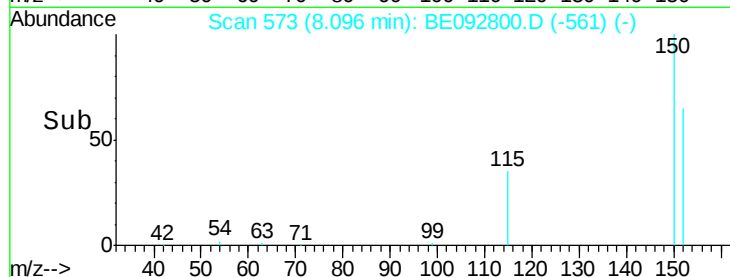
115 54.7 31.2 46.8#



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



#3

n-Nitrosodimethylamine

Concen: 0.03 ng

RT: 3.66 min Scan# 93

Delta R.T. -0.07 min

Lab File: BE092800.D

Acq: 6 Mar 2017 23:18

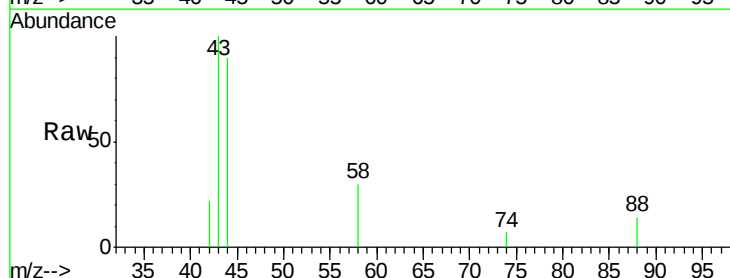
Tgt Ion: 42 Resp: 40

Ion Ratio Lower Upper

42 100

74 5.0 86.0 129.0#

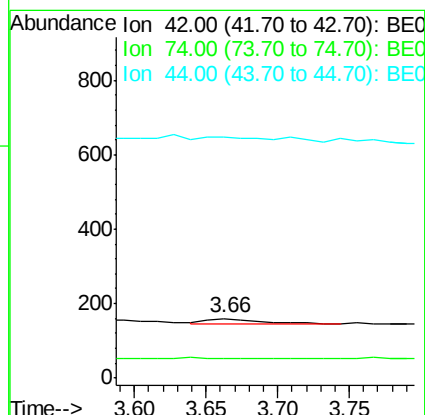
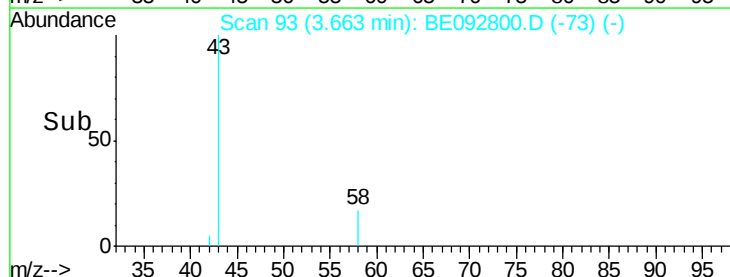
44 0.0 5.1 7.7#

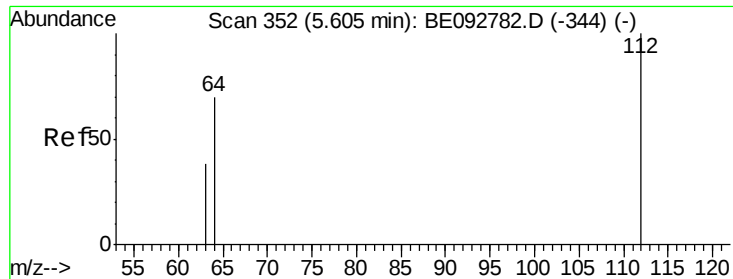


Abundance Ion 42.00 (41.70 to 42.70): BE0

Ion 74.00 (73.70 to 74.70): BE0

Ion 44.00 (43.70 to 44.70): BE0





#4

2-Fluorophenol

Concen: 3.17 ng

RT: 5.60 min Scan# 351

Delta R.T. -0.03 min

Lab File: BE092800.D

Acq: 6 Mar 2017 23:18

Instrument :

BNA_E

ClientSampled :

CPS103051

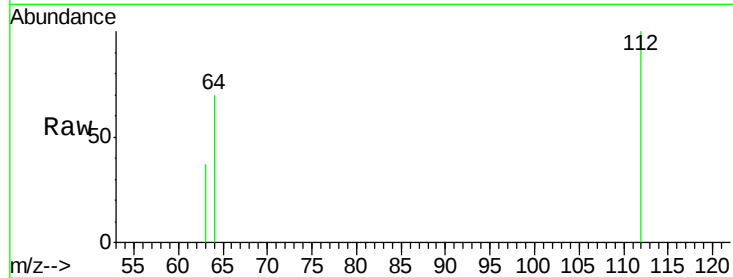
Tgt Ion: 112 Resp: 5729

Ion Ratio Lower Upper

112 100

64 69.1 53.5 80.3

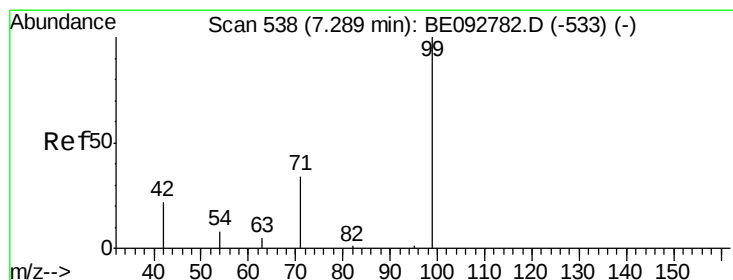
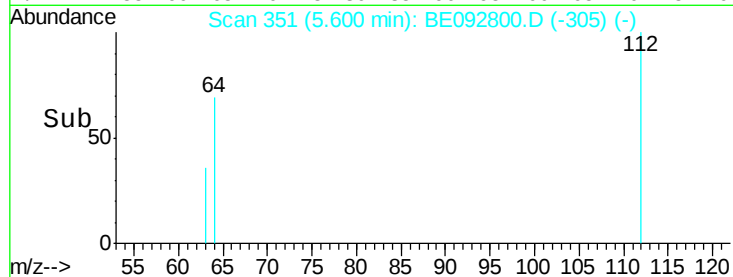
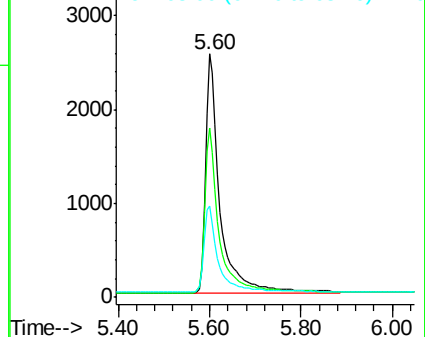
63 36.2 27.9 41.9



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: 2.15 ng

RT: 7.27 min Scan# 537

Delta R.T. -0.05 min

Lab File: BE092800.D

Acq: 6 Mar 2017 23:18

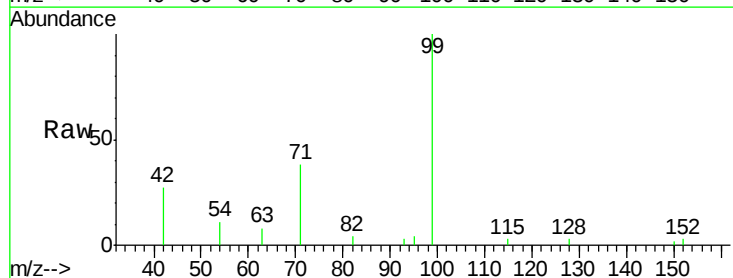
Tgt Ion: 99 Resp: 4637

Ion Ratio Lower Upper

99 100

42 29.8 16.0 24.0#

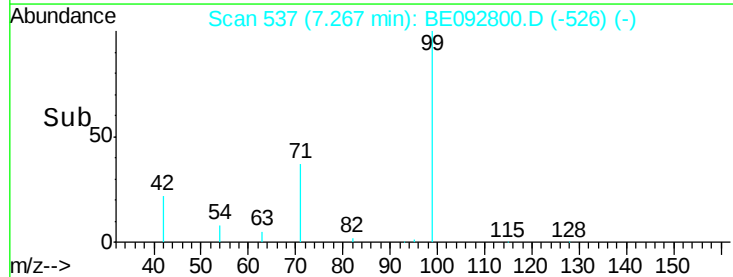
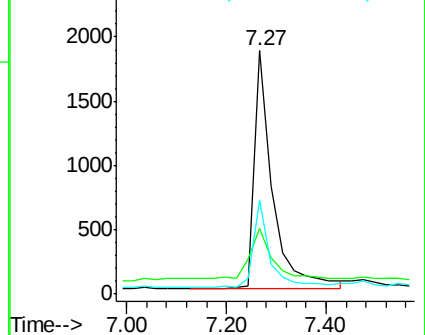
71 33.7 30.6 45.8

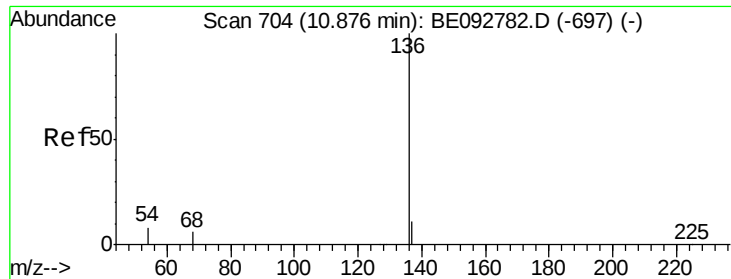


Abundance Ion 99.00 (98.70 to 99.70): BE0

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: BE092800.D

Acq: 6 Mar 2017 23:18

Instrument :

BNA_E

ClientSampleId :

CPS103051

Tgt Ion:136 Resp: 37071

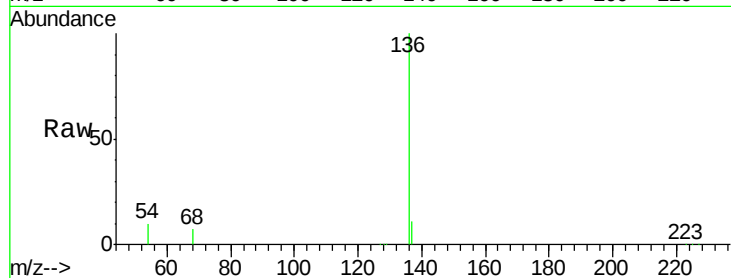
Ion Ratio Lower Upper

136 100

137 10.8 8.2 12.4

54 9.7 9.6 14.4

68 6.8 6.7 10.1

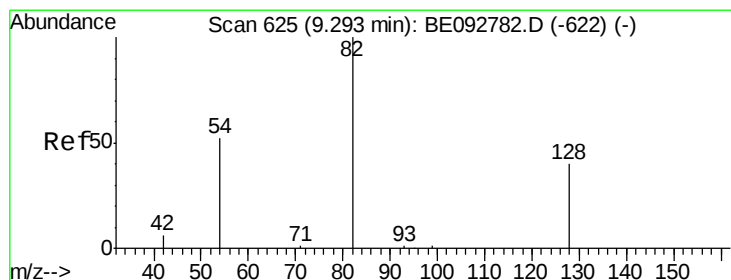
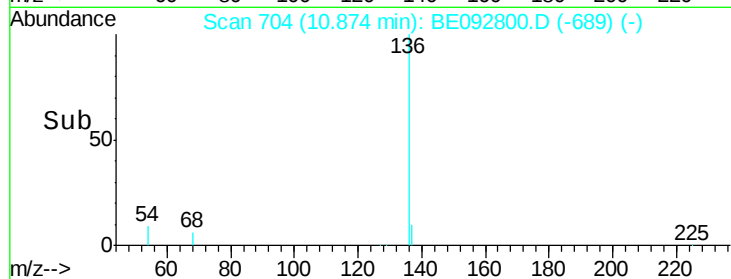
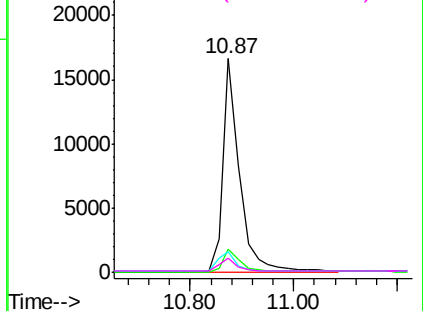


Abundance Ion 136.00 (135.70 to 136.70): E

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: 3.79 ng

RT: 9.27 min Scan# 624

Delta R.T. -0.05 min

Lab File: BE092800.D

Acq: 6 Mar 2017 23:18

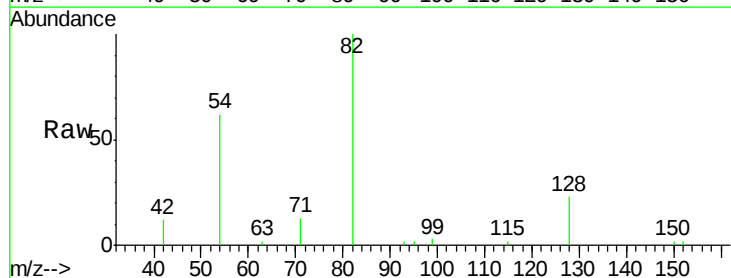
Tgt Ion: 82 Resp: 8576

Ion Ratio Lower Upper

82 100

128 23.3 39.0 58.4#

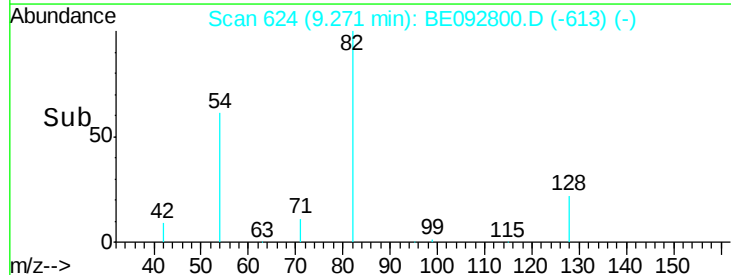
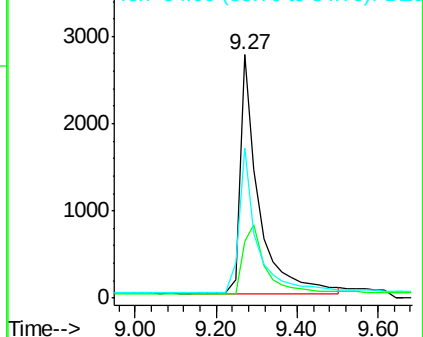
54 61.7 44.8 67.2

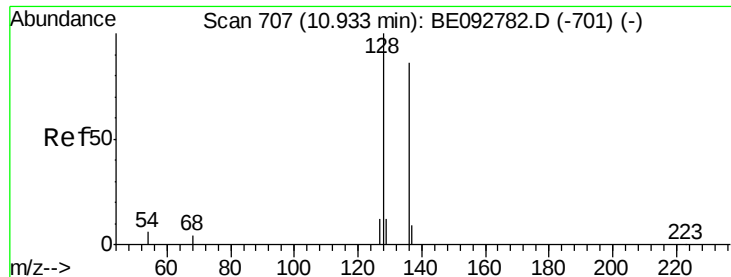


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.02 ng

RT: 10.93 min Scan# 707

Delta R.T. -0.00 min

Lab File: BE092800.D

Acq: 6 Mar 2017 23:18

Instrument :

BNA_E

ClientSampleId :

CPS103051

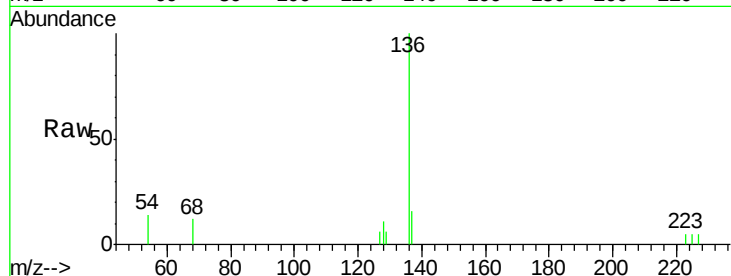
Tgt Ion:128 Resp: 189

Ion Ratio Lower Upper

128 100

129 51.4 11.2 16.8#

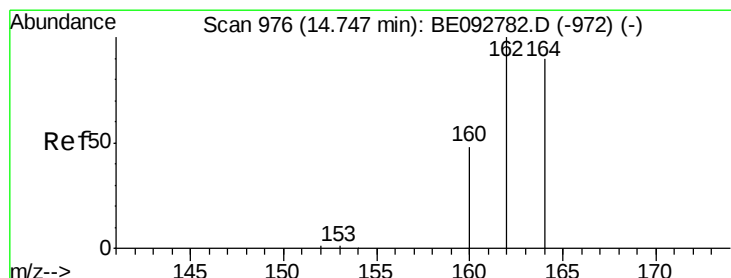
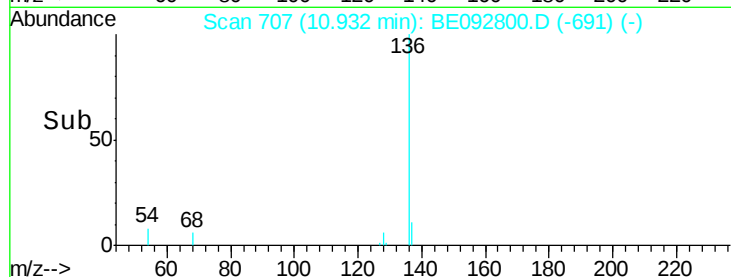
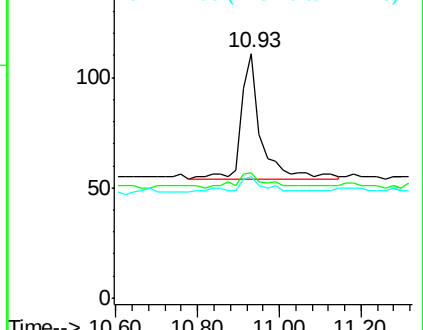
127 49.5 11.6 17.4#



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



#12

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.75 min Scan# 976

Delta R.T. -0.02 min

Lab File: BE092800.D

Acq: 6 Mar 2017 23:18

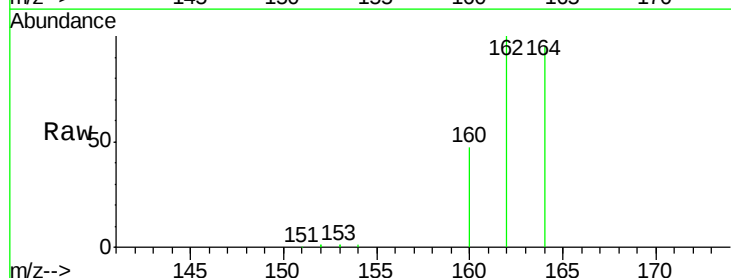
Tgt Ion:164 Resp: 22076

Ion Ratio Lower Upper

164 100

162 105.6 71.4 107.0

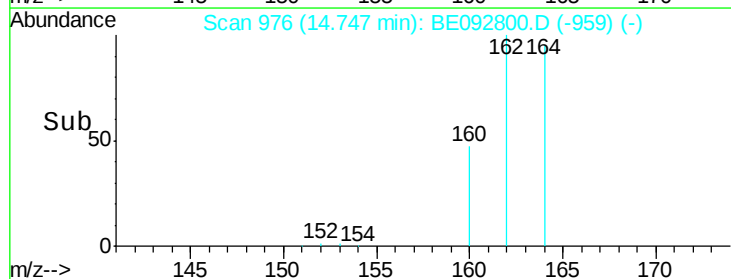
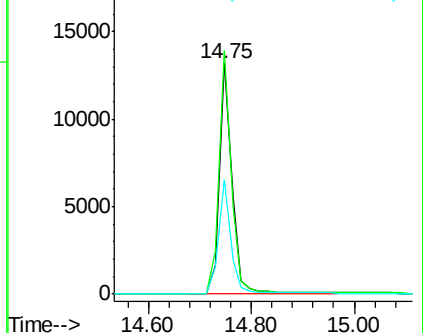
160 49.6 27.4 41.2#

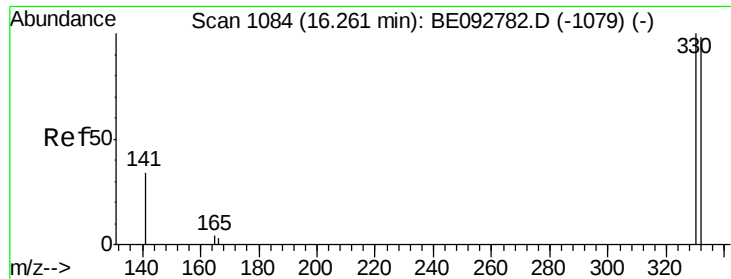


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

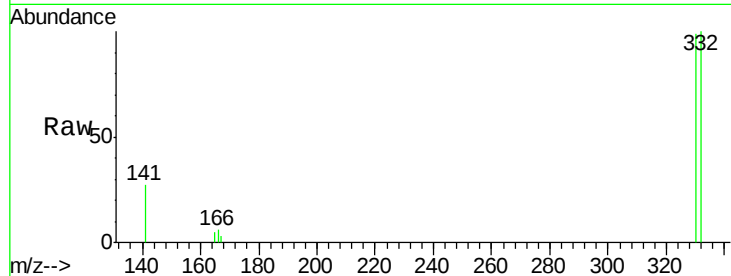




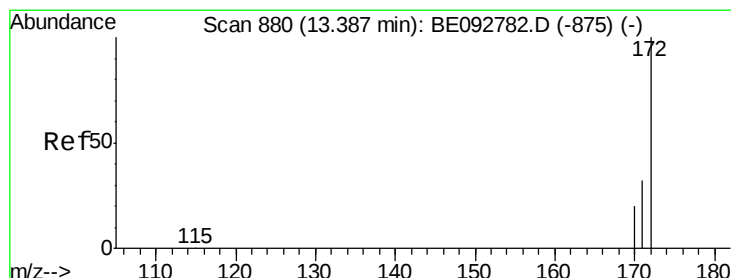
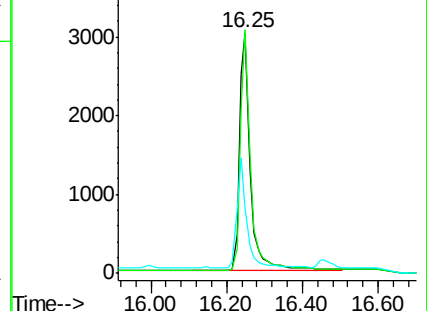
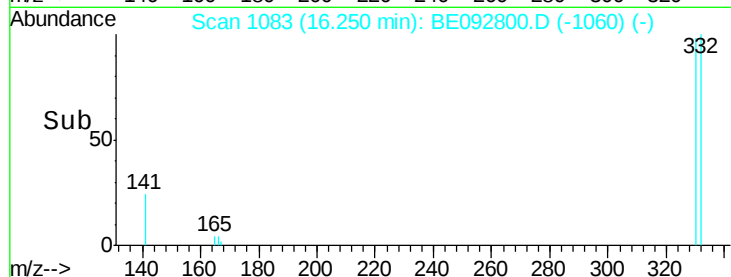
#13
 2,4,6-Tribromophenol
 Concen: 10.37 ng
 RT: 16.25 min Scan# 1083
 Delta R.T. -0.03 min
 Lab File: BE092800.D
 Acq: 6 Mar 2017 23:18

Instrument :
 BNA_E
 ClientSampleId :
 CPS103051

Tgt Ion:330 Resp: 6023
 Ion Ratio Lower Upper
 330 100
 332 96.3 75.4 113.0
 141 43.2 31.0 46.6

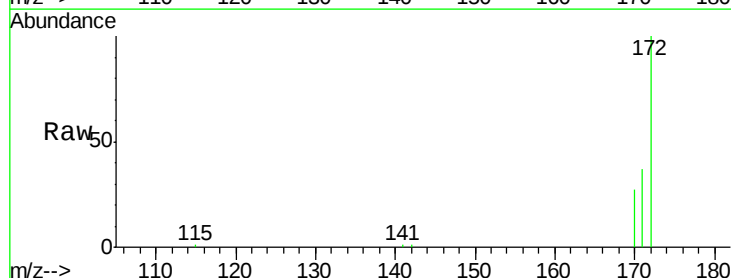


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

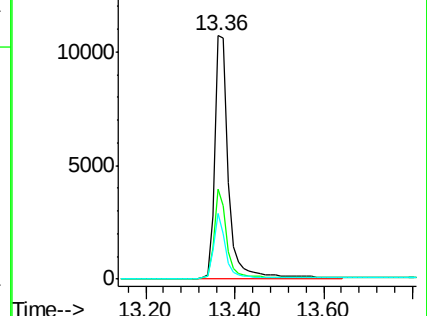
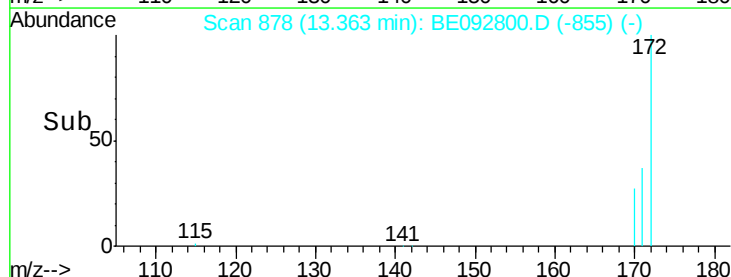


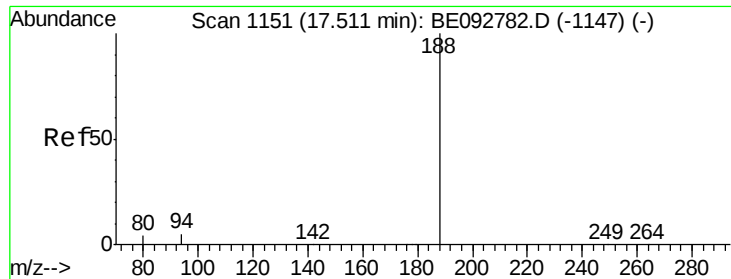
#14
 2-Fluorobiphenyl
 Concen: 4.38 ng
 RT: 13.36 min Scan# 878
 Delta R.T. -0.04 min
 Lab File: BE092800.D
 Acq: 6 Mar 2017 23:18

Tgt Ion:172 Resp: 22815
 Ion Ratio Lower Upper
 172 100
 171 36.8 30.1 45.1
 170 27.0 21.8 32.6



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





#18

Phenanthrene-d10

Concen: 5.00 ng

RT: 17.51 min Scan# 1151

Delta R.T. 0.00 min

Lab File: BE092800.D

Acq: 6 Mar 2017 23:18

Instrument :

BNA_E

ClientSampleId :

CPS103051

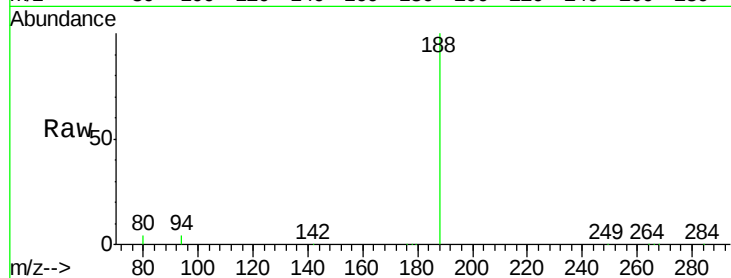
Tgt Ion:188 Resp: 53644

Ion Ratio Lower Upper

188 100

94 4.3 3.2 4.8

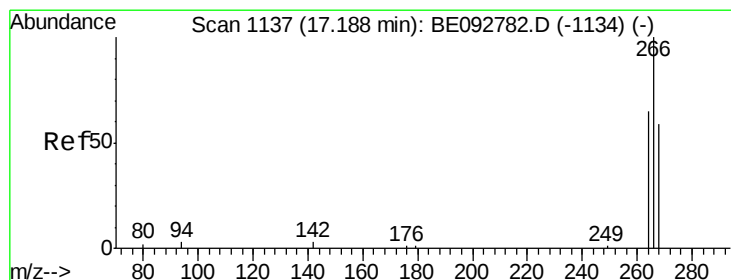
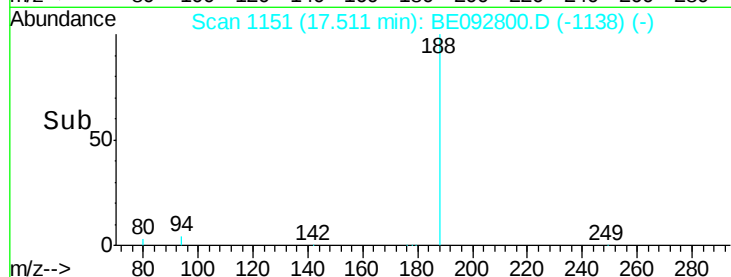
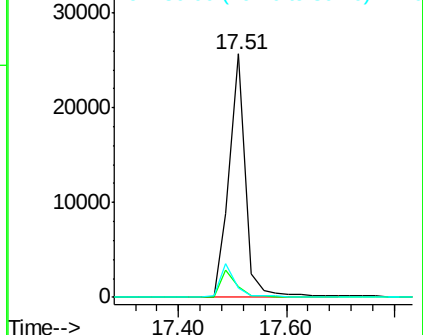
80 3.8 2.6 3.8



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: BE092800.D

Acq: 6 Mar 2017 23:18

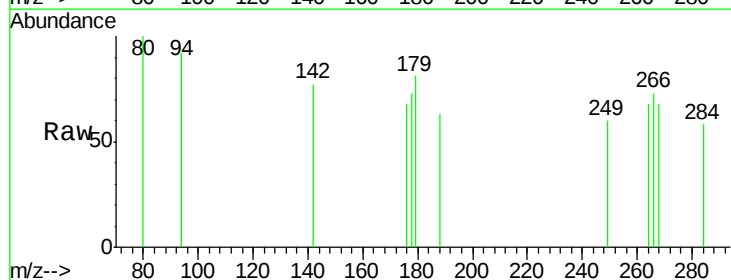
Tgt Ion:266 Resp: 59

Ion Ratio Lower Upper

266 100

268 93.0 62.5 93.7

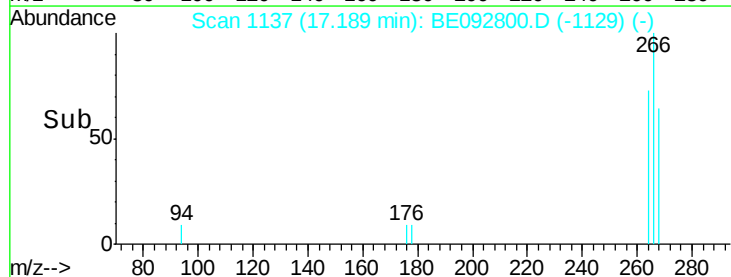
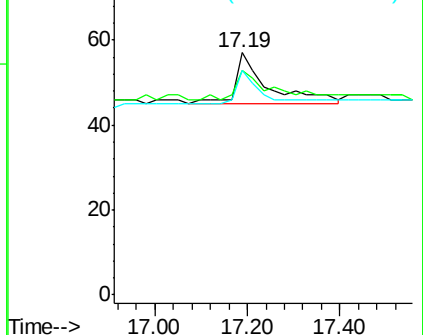
264 93.0 57.2 85.8#

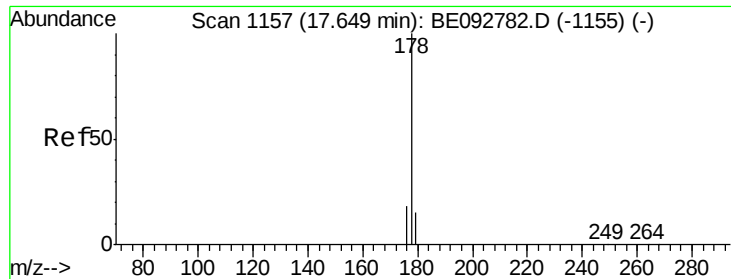


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#22

Anthracene

Concen: 0.03 ng

RT: 17.65 min Scan# 1157

Delta R.T. 0.00 min

Lab File: BE092800.D

Acq: 6 Mar 2017 23:18

Instrument :

BNA_E

ClientSampleId :

CPS103051

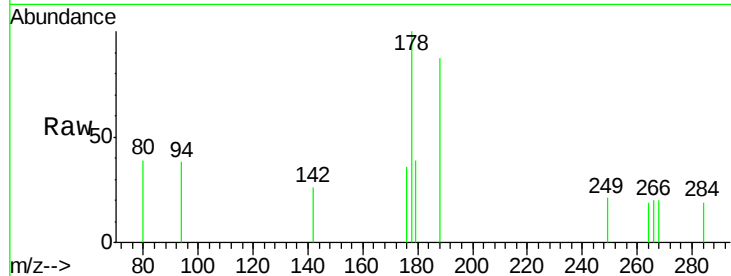
Tgt Ion:178 Resp: 431

Ion Ratio Lower Upper

178 100

176 23.2 15.0 22.4#

179 15.8 12.2 18.2

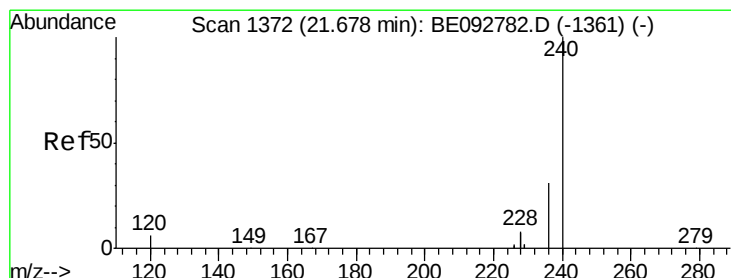
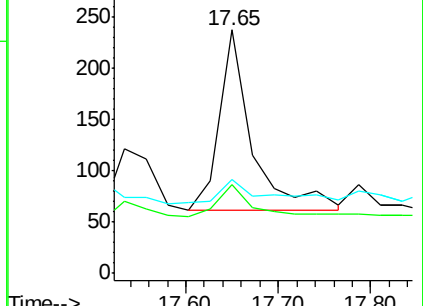
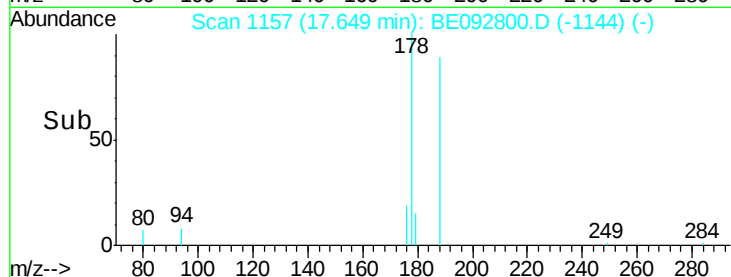


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

17.65



#24

Chrysene-d12

Concen: 5.00 ng

RT: 21.68 min Scan# 1372

Delta R.T. -0.02 min

Lab File: BE092800.D

Acq: 6 Mar 2017 23:18

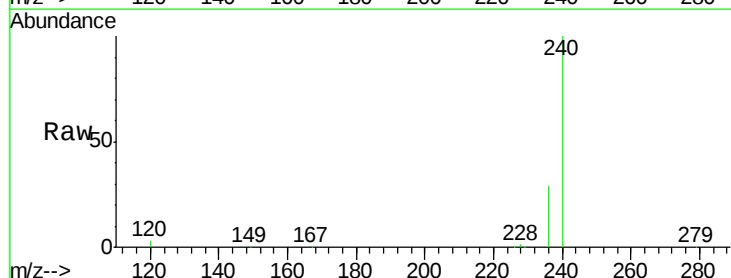
Tgt Ion:240 Resp: 81035

Ion Ratio Lower Upper

240 100

120 3.4 2.6 4.0

236 28.7 24.6 37.0

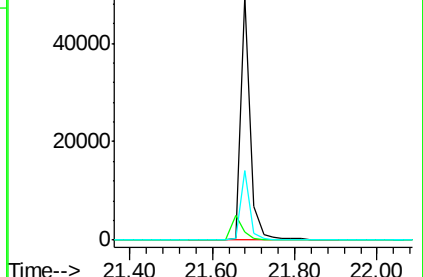
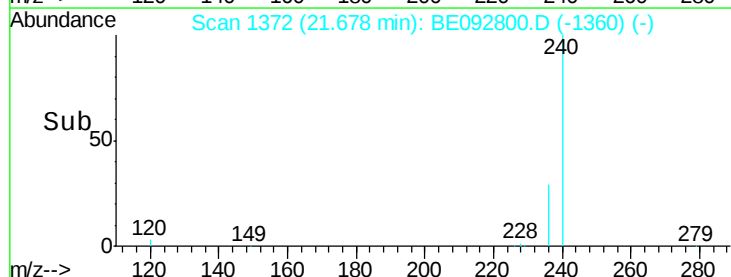


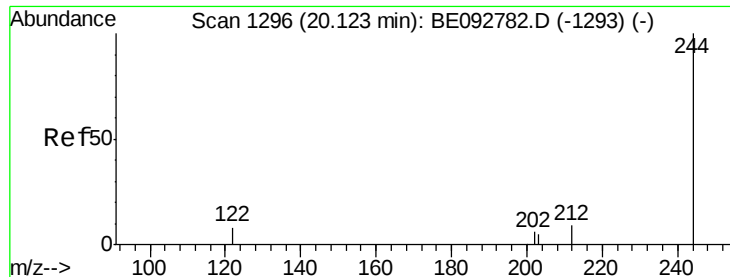
Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

21.68

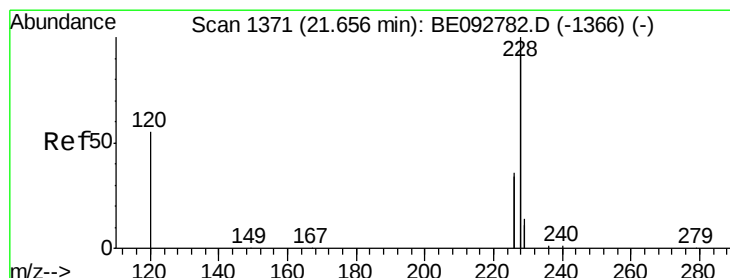
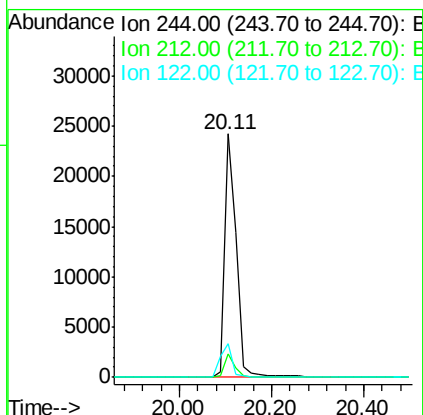
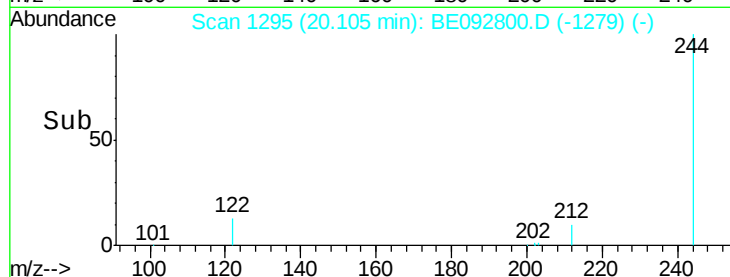
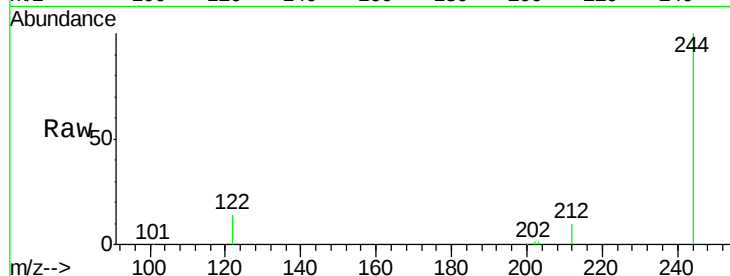




#26
 Terphenyl-d14
 Concen: 4.31 ng
 RT: 20.11 min Scan# 1295
 Delta R.T. -0.03 min
 Lab File: BE092800.D
 Acq: 6 Mar 2017 23:18

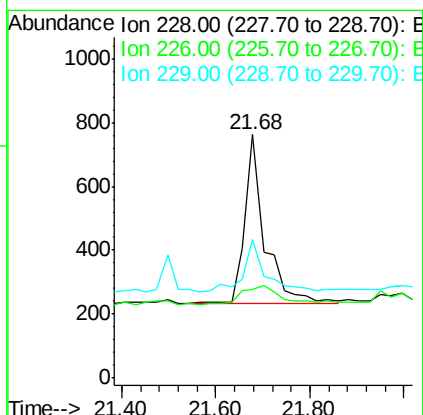
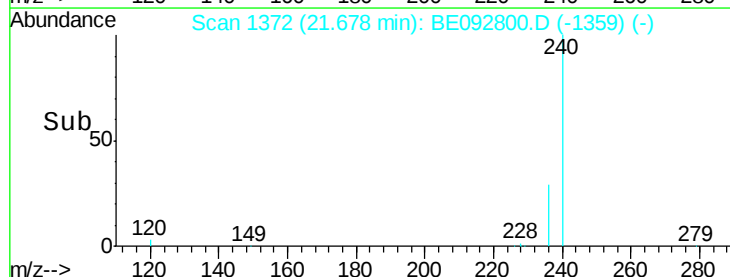
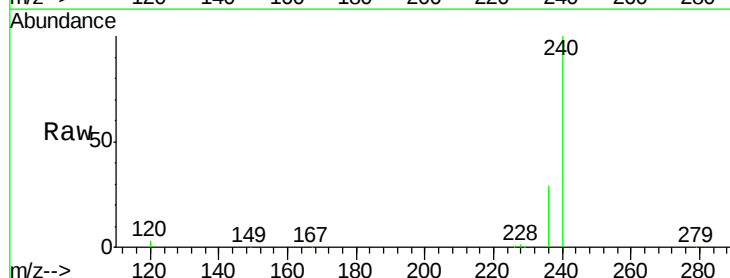
Instrument :
 BNA_E
 ClientSampleId :
 CPS103051

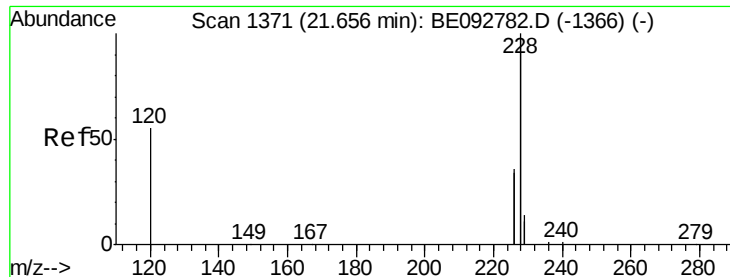
Tgt Ion:244 Resp: 42133
 Ion Ratio Lower Upper
 244 100
 212 9.9 6.7 10.1
 122 13.7 3.6 5.4#



#27
 Benzo(a)anthracene
 Concen: 0.09 ng
 RT: 21.68 min Scan# 1372
 Delta R.T. 0.00 min
 Lab File: BE092800.D
 Acq: 6 Mar 2017 23:18

Tgt Ion:228 Resp: 1576
 Ion Ratio Lower Upper
 228 100
 226 36.2 23.6 35.4#
 229 57.0 13.3 19.9#





#28

Chrysene

Concen: 0.02 ng

RT: 21.68 min Scan# 1372

Delta R.T. -0.05 min

Lab File: BE092800.D

Acq: 6 Mar 2017 23:18

Instrument :

BNA_E

ClientSampleId :

CPS103051

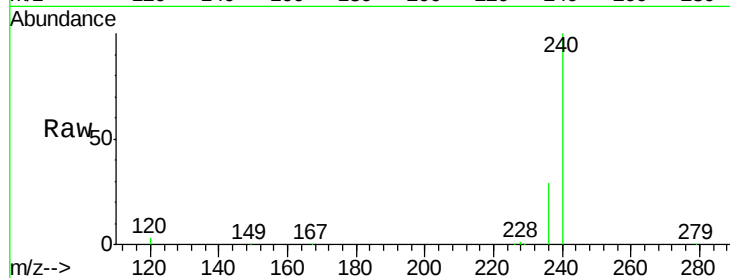
Tgt Ion:228 Resp: 1606

Ion Ratio Lower Upper

228 100

226 36.2 36.3 54.5#

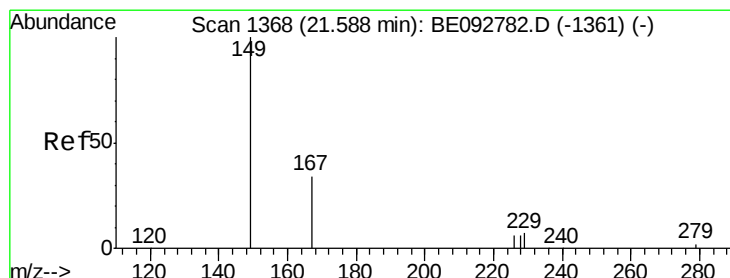
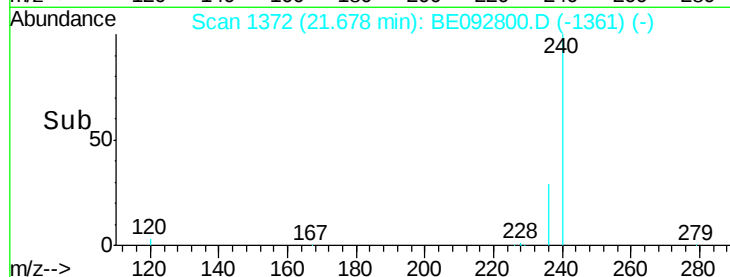
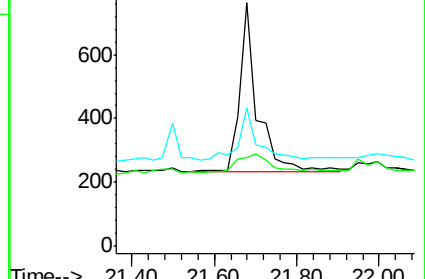
229 57.0 10.6 16.0#



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#29

Bis(2-ethylhexyl)phthalate

Concen: 0.46 ng

RT: 21.57 min Scan# 1367

Delta R.T. -0.02 min

Lab File: BE092800.D

Acq: 6 Mar 2017 23:18

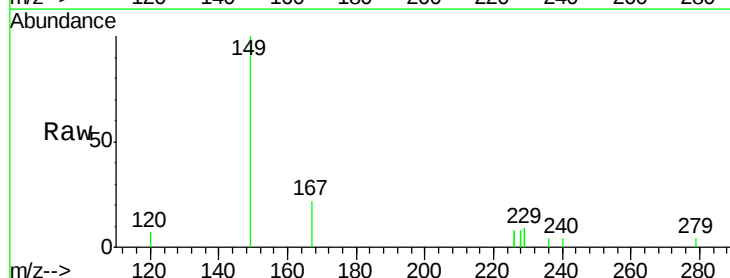
Tgt Ion:149 Resp: 2993

Ion Ratio Lower Upper

149 100

167 0.0 16.0 24.0#

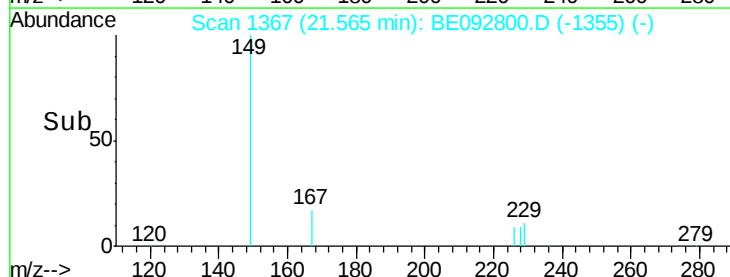
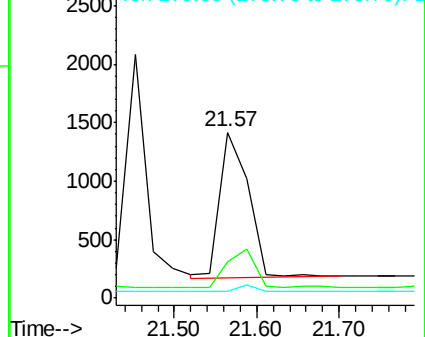
279 0.0 16.0 24.0#

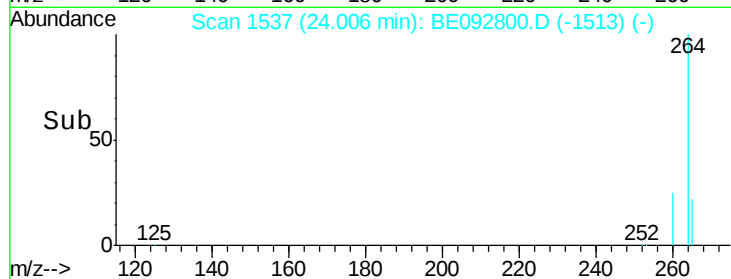
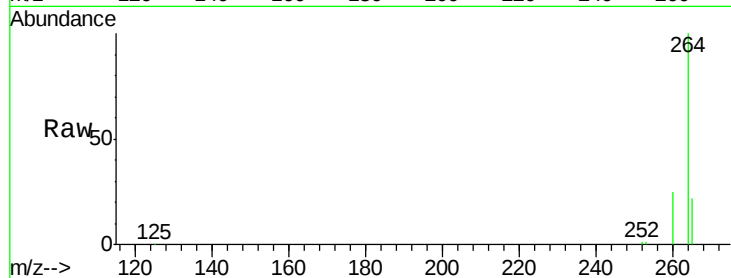
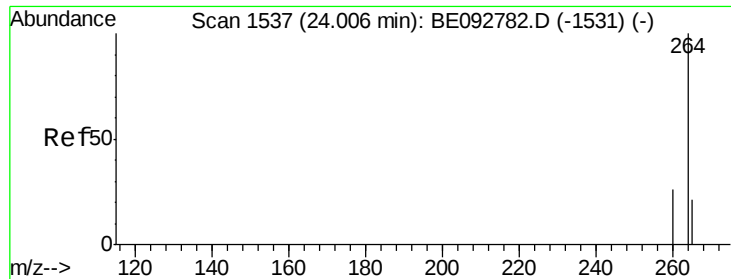


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#31

Perylene-d12

Concen: 5.00 ng

RT: 24.01 min Scan# 1537

Delta R.T. -0.02 min

Lab File: BE092800.D

Acq: 6 Mar 2017 23:18

Instrument :

BNA_E

ClientSampleId :

CPS103051

Tgt Ion: 264 Resp: 67225

Ion Ratio Lower Upper

264 100

260 24.8 20.1 30.1

265 22.3 17.9 26.9

