

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 08:07:12 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

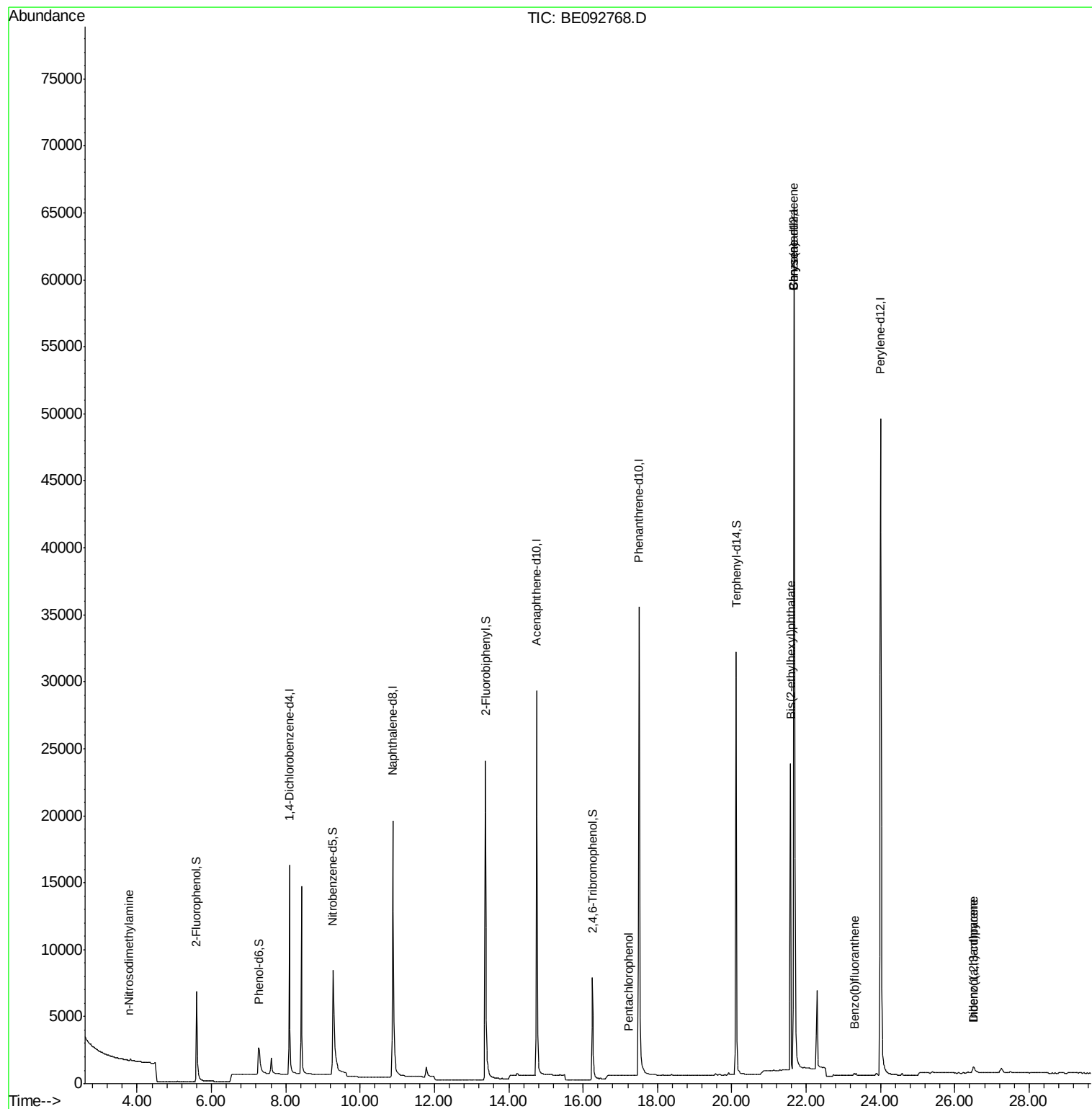
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.10	152	9328	5.00	ng	-0.02
7) Naphthalene-d8	10.88	136	38729	5.00	ng	-0.02
12) Acenaphthene-d10	14.75	164	22772	5.00	ng	-0.02
18) Phenanthrene-d10	17.51	188	58302	5.00	ng	0.00
24) Chrysene-d12	21.68	240	85420	5.00	ng	-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						
3) n-Nitrosodimethylamine	3.77	42	8	0.21	ng	# 2
20) Pentachlorophenol	17.23	266	35	0.31	ng	# 76
27) Benzo(a)anthracene	21.68	228	2831	0.03	ng	# 76
28) Chrysene	21.68	228	2845	0.03	ng	# 64
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
32) Benzo(b)fluoranthene	23.30	252	298	0.05	ng	# 1
35) Dibenzo(a,h)anthracene	26.51	278	302	0.02	ng	# 1

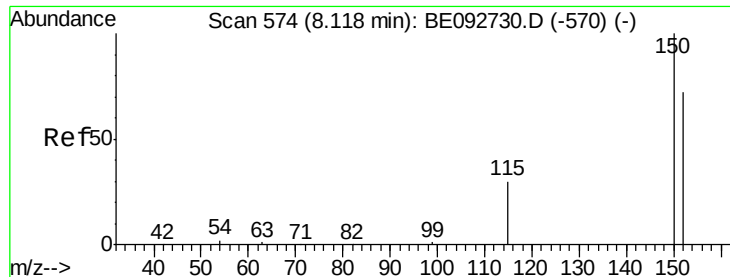
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BE092768.D

Acq: 28 Feb 2017 18:16

Instrument :

BNA_E

ClientSampleId :

CPS043051

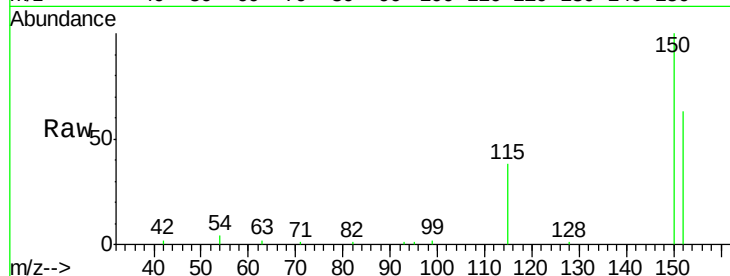
Tot Ion:152 Resp: 9328

Ion Ratio Lower Upper

152 100

150 159.3 106.0 159.0#

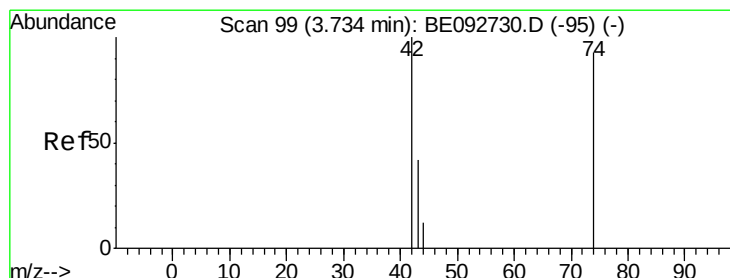
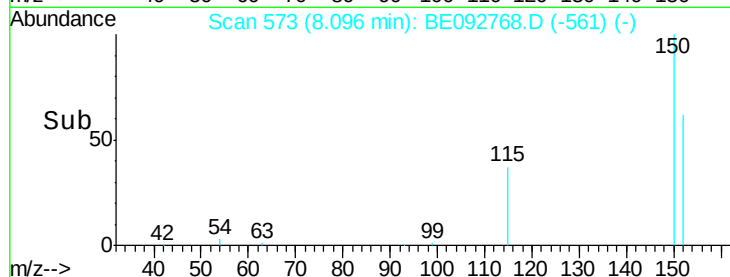
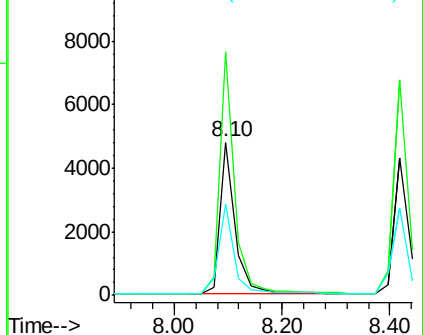
115 60.1 31.2 46.8#



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



#3

n-Nitrosodimethylamine

Concen: 0.21 ng

RT: 3.77 min Scan# 102

Delta R.T. 0.04 min

Lab File: BE092768.D

Acq: 28 Feb 2017 18:16

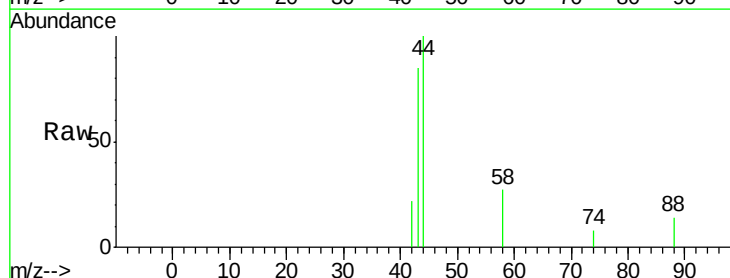
Tgt Ion: 42 Resp: 8

Ion Ratio Lower Upper

42 100

74 0.0 86.0 129.0#

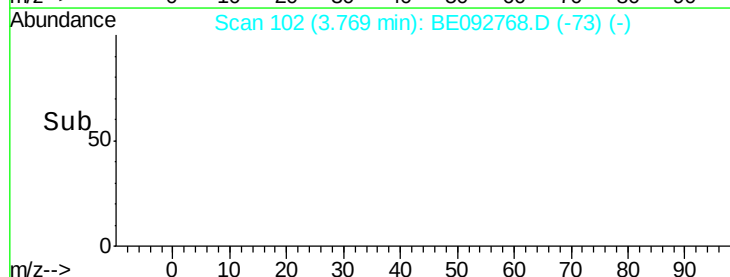
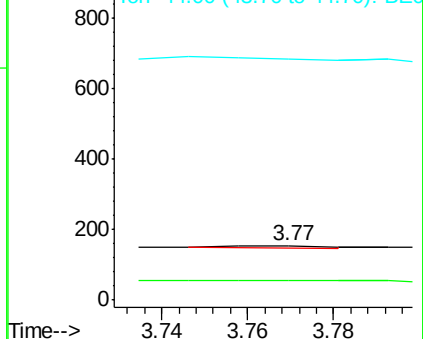
44 0.0 5.1 7.7#

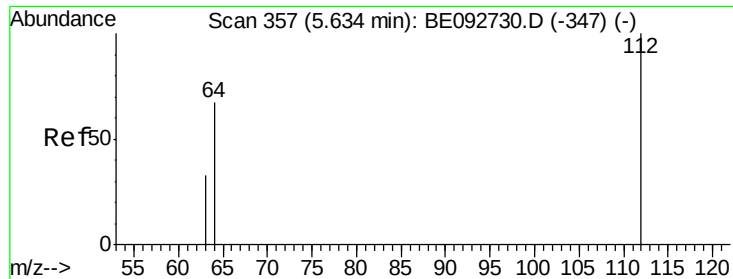


Abundance Ion 42.00 (41.70 to 42.70): BE0

Ion 74.00 (73.70 to 74.70): BE0

Ion 44.00 (43.70 to 44.70): BE0





#4

2-Fluorophenol

Concen: 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

Instrument :

BNA_E

ClientSampleId :

CPS043051

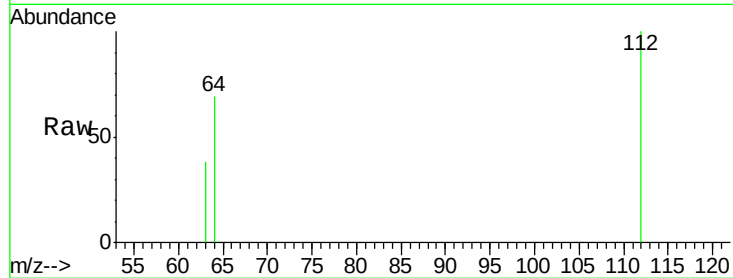
Tot Ion:112 Resp: 7043

Ion Ratio Lower Upper

112 100

64 68.0 53.5 80.3

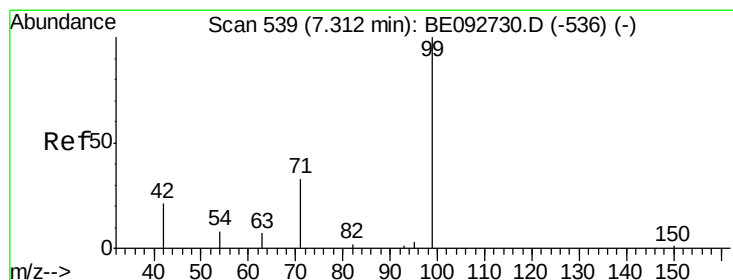
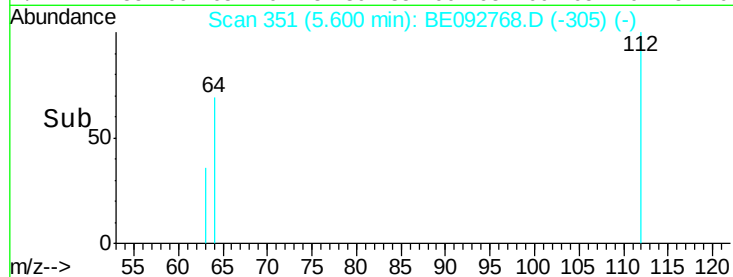
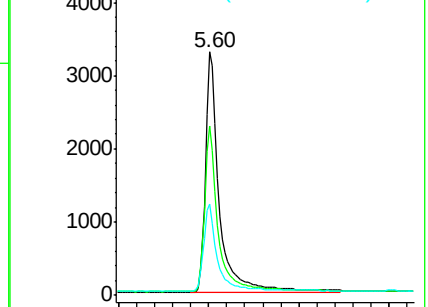
63 36.0 27.9 41.9



Abundance Ion 112.00 (111.70 to 112.70): BE0

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0



#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

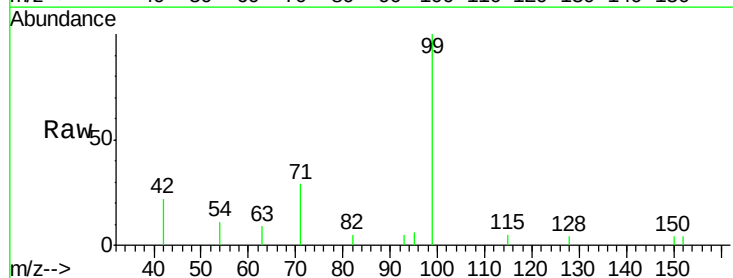
Tgt Ion: 99 Resp: 4767

Ion Ratio Lower Upper

99 100

42 0.0 16.0 24.0#

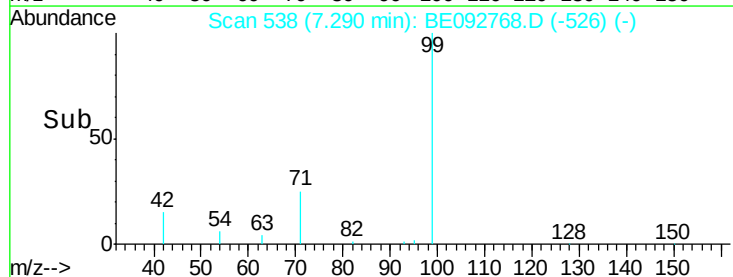
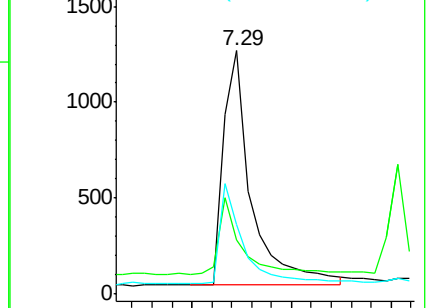
71 0.0 30.6 45.8#

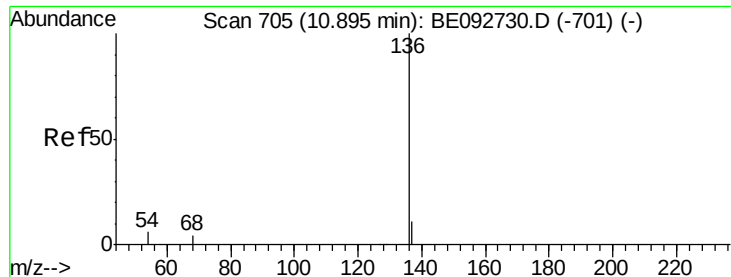


Abundance Ion 99.00 (98.70 to 99.70): BE0

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

Instrument :

BNA_E

ClientSampleId :

CPS043051

Tot Ion:136 Resp: 38729

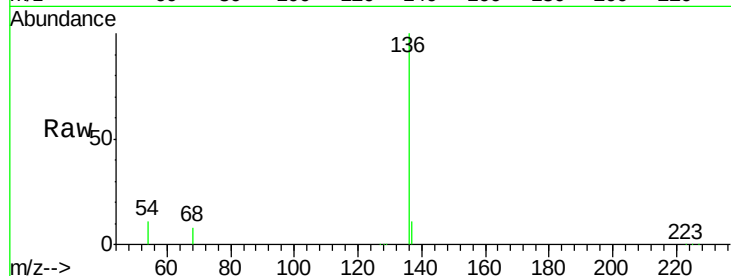
Ion Ratio Lower Upper

136 100

137 10.6 8.2 12.4

54 11.5 9.6 14.4

68 7.7 6.7 10.1

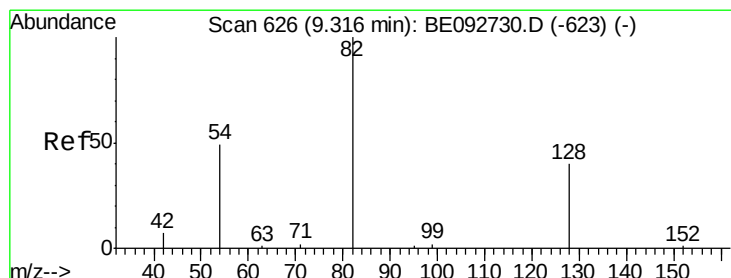
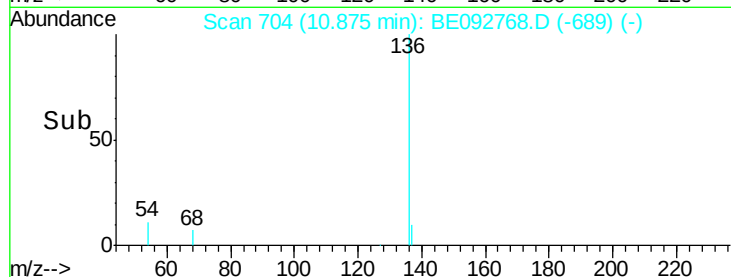
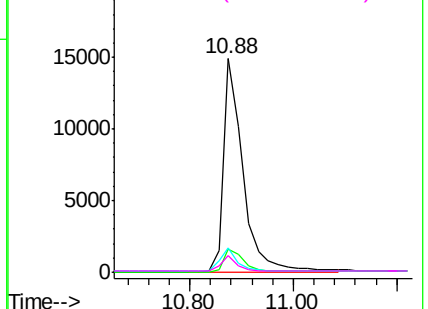


Abundance Ion 136.00 (135.70 to 136.70): E

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

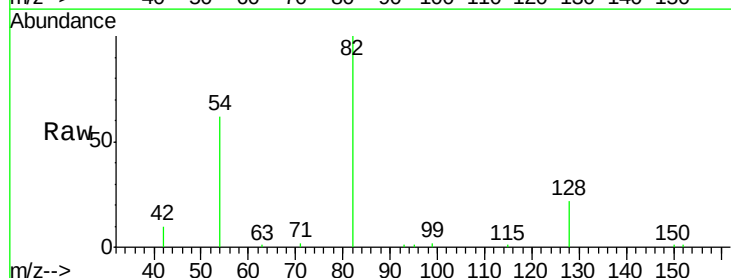
Tgt Ion: 82 Resp: 13065

Ion Ratio Lower Upper

82 100

128 22.0 39.0 58.4#

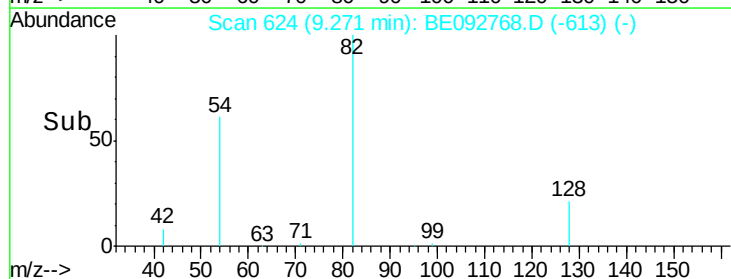
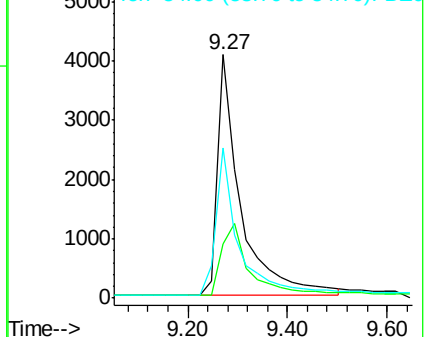
54 61.7 44.8 67.2

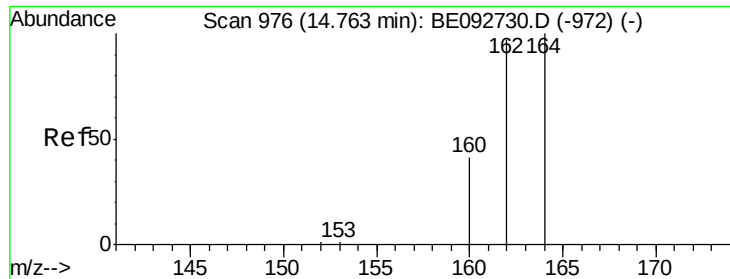


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

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: BE092768.D

Acq: 28 Feb 2017 18:16

Instrument :

BNA_E

ClientSampleId :

CPS043051

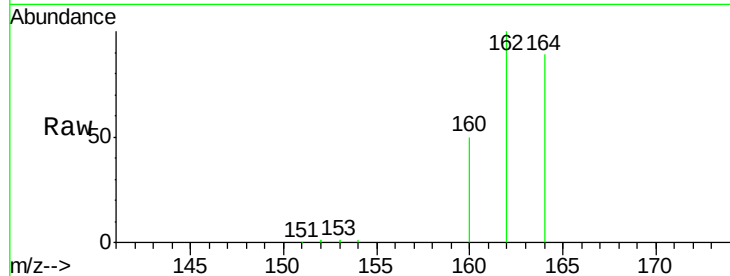
Tot Ion:164 Resp: 22772

Ion Ratio Lower Upper

164 100

162 111.8 71.4 107.0#

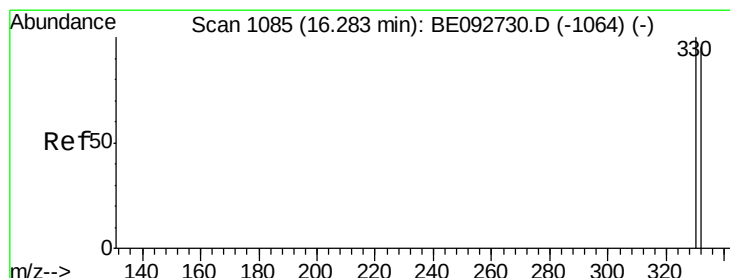
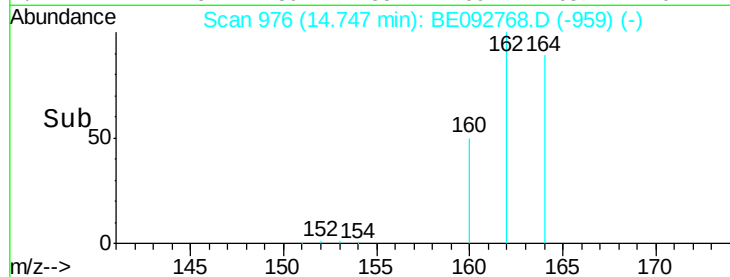
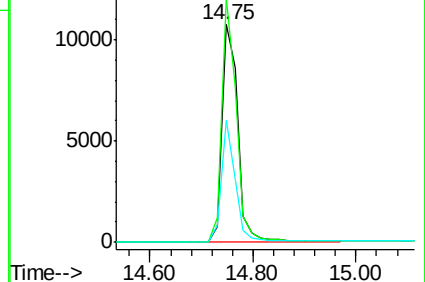
160 56.1 27.4 41.2#



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



#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

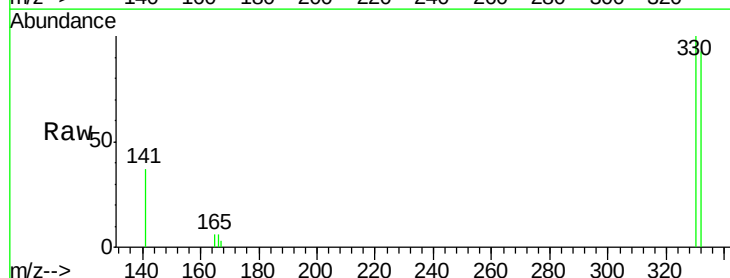
Tgt Ion:330 Resp: 6243

Ion Ratio Lower Upper

330 100

332 97.4 75.4 113.0

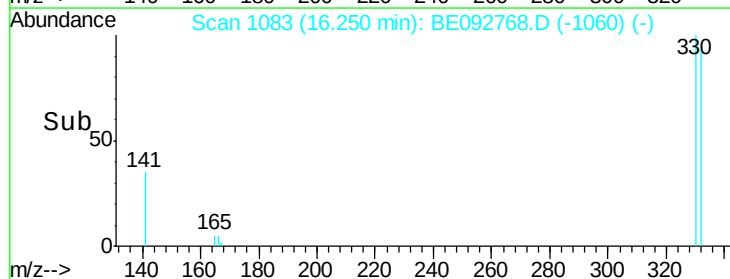
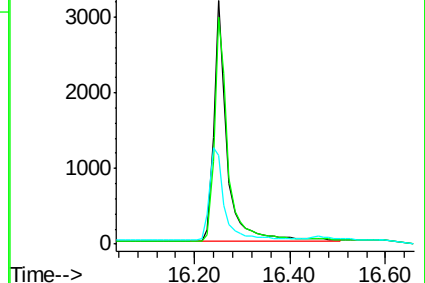
141 43.6 31.0 46.6

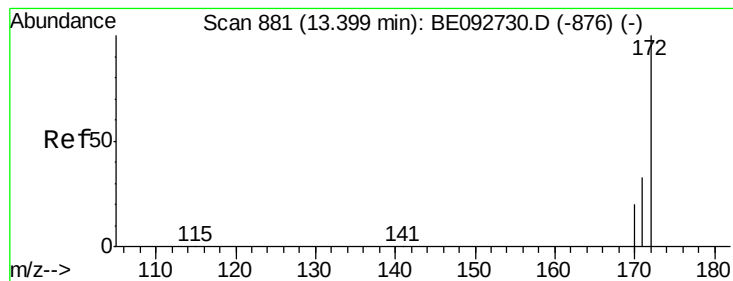


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

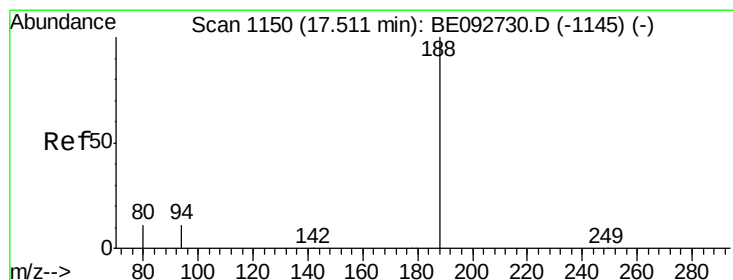
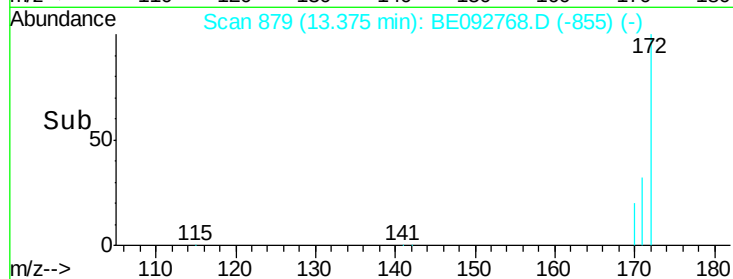
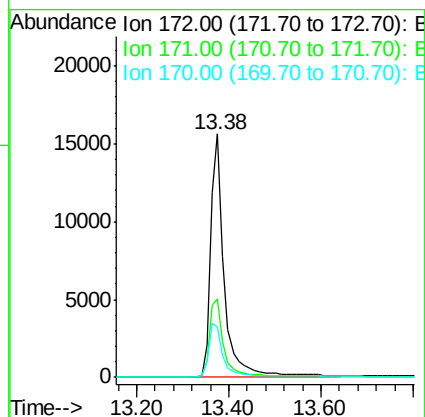
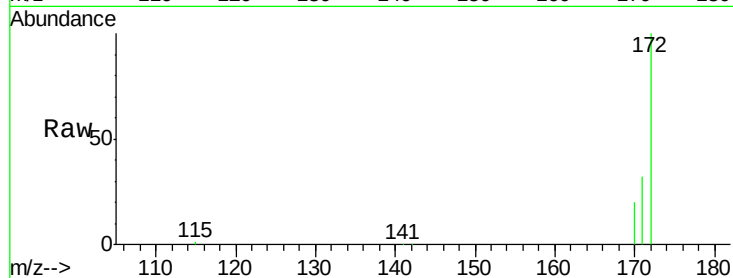




#14
2-Fluorobiphenyl
Concen: 5.86 ng
RT: 13.38 min Scan# 879
Delta R.T. -0.02 min
Lab File: BE092768.D
Acq: 28 Feb 2017 18:16

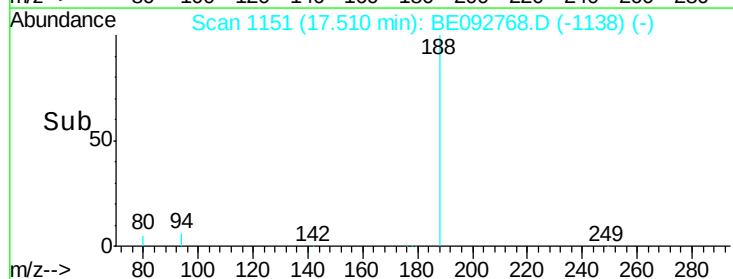
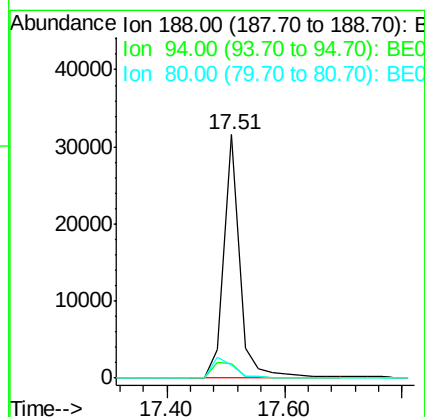
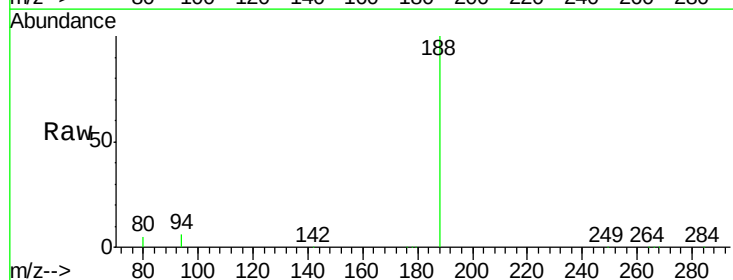
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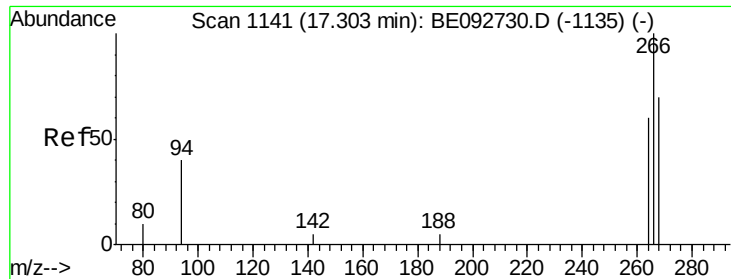
Tot Ion:172 Resp: 32510
Ion Ratio Lower Upper
172 100
171 32.5 30.1 45.1
170 20.4 21.8 32.6#



#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

Tgt Ion:188 Resp: 58302
Ion Ratio Lower Upper
188 100
94 5.8 3.2 4.8#
80 5.2 2.6 3.8#

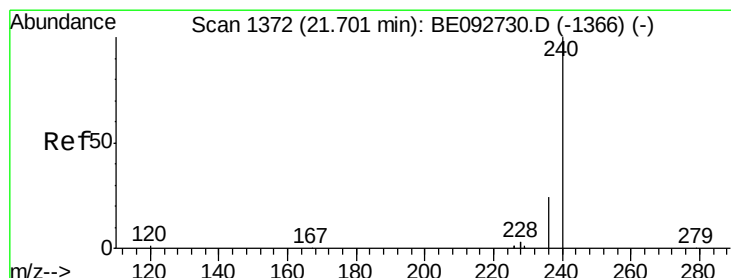
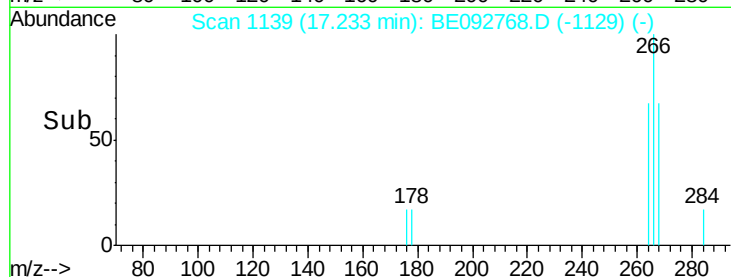
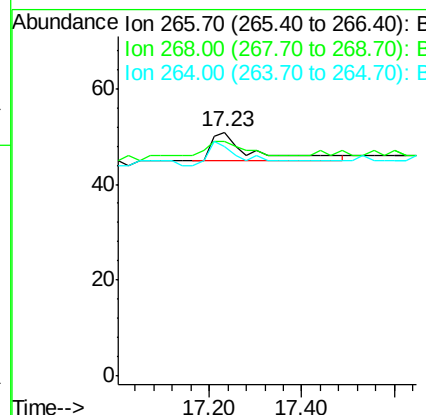
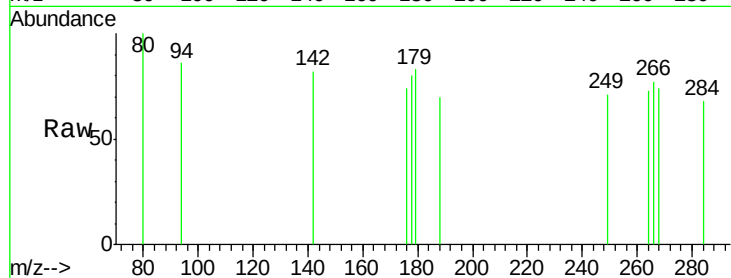




#20
 Pentachlorophenol
 Concen: 0.31 ng
 RT: 17.23 min Scan# 1139
 Delta R.T. -0.07 min
 Lab File: BE092768.D
 Acq: 28 Feb 2017 18:16

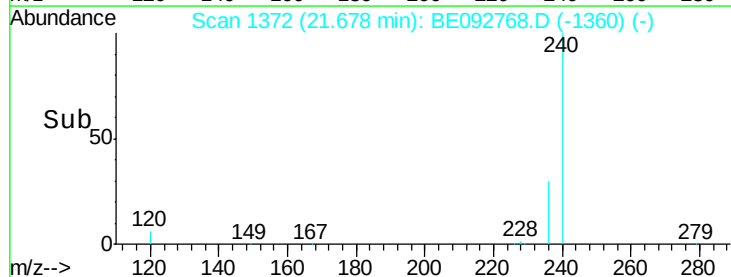
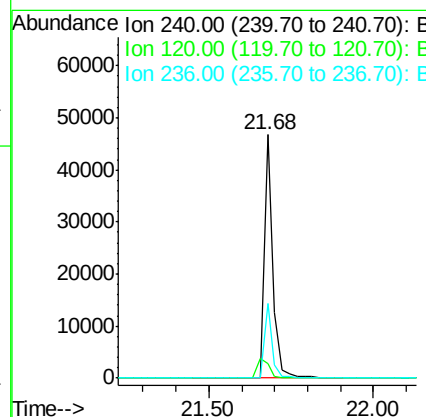
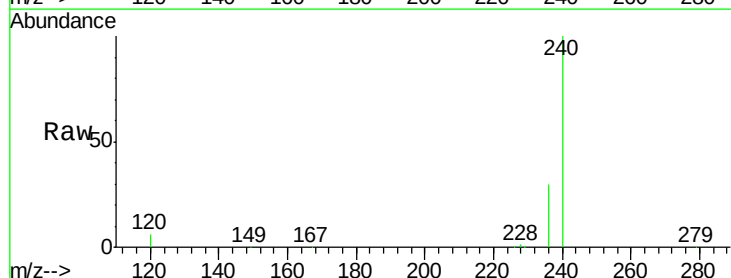
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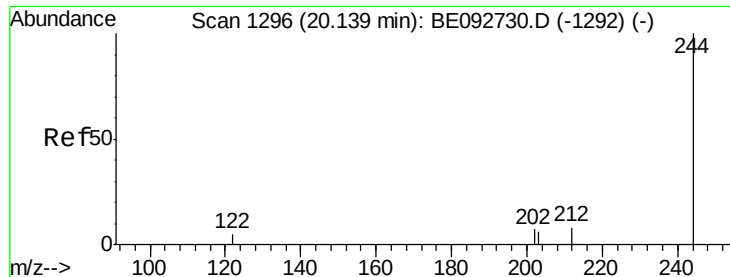
Tot Ion: 266 Resp: 35
 Ion Ratio Lower Upper
 266 100
 268 96.1 62.5 93.7#
 264 94.1 57.2 85.8#



#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





#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

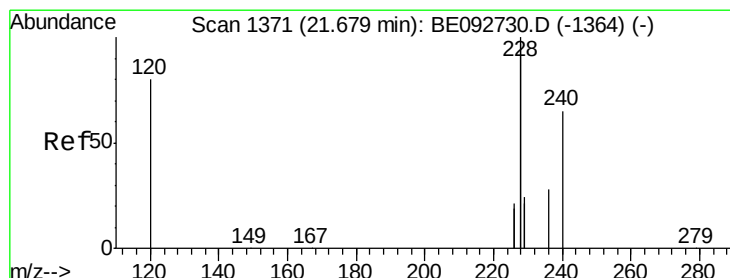
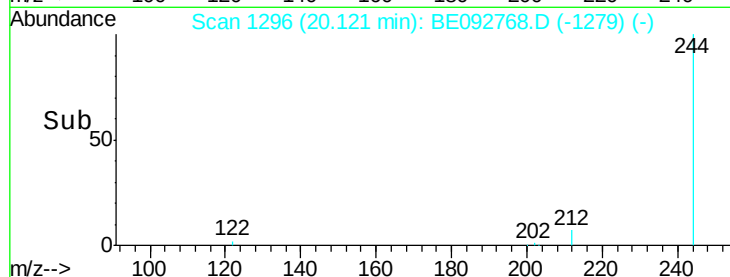
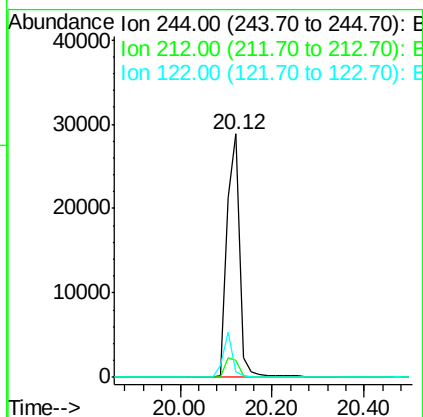
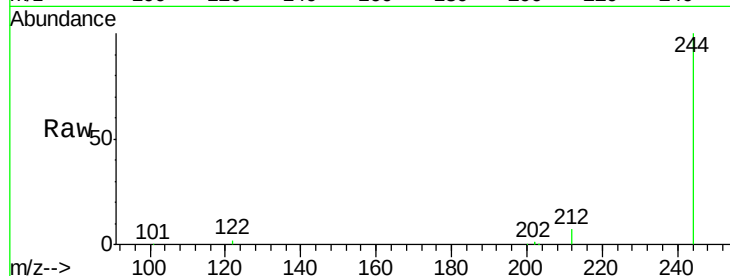
Tot Ion:244 Resp: 55516

Ion Ratio Lower Upper

244 100

212 7.0 6.7 10.1

122 2.2 3.6 5.4#



#27

Benzo(a)anthracene

Concen: 0.03 ng

RT: 21.68 min Scan# 1372

Delta R.T. -0.00 min

Lab File: BE092768.D

Acq: 28 Feb 2017 18:16

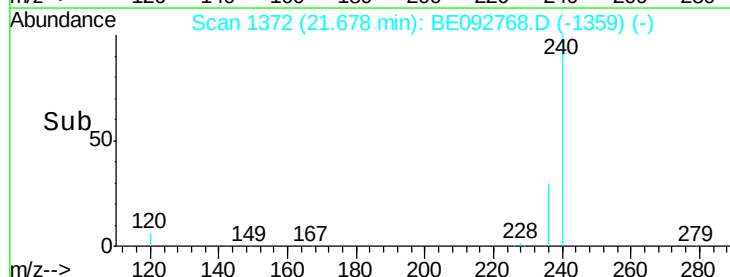
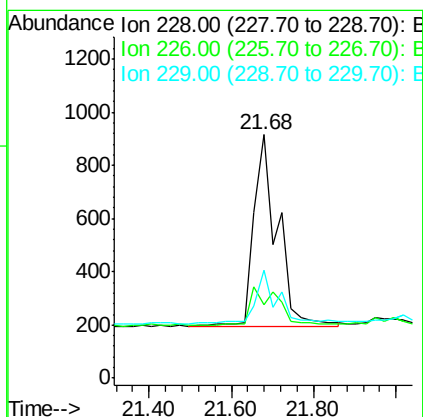
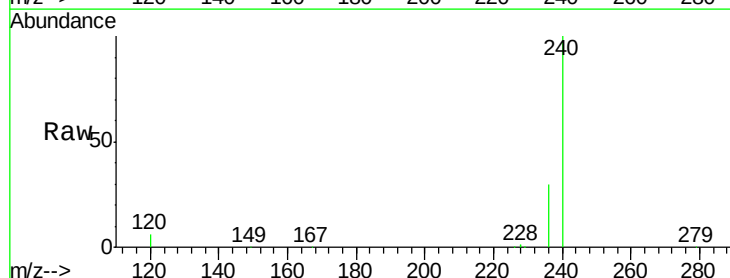
Tgt Ion:228 Resp: 2831

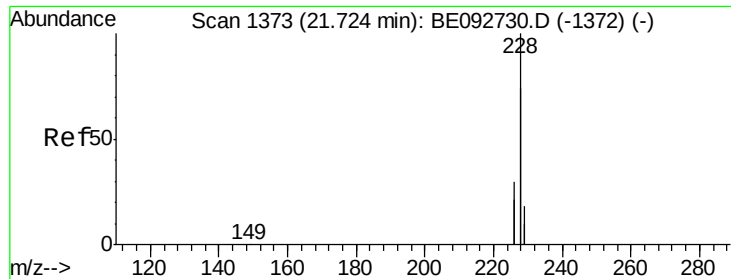
Ion Ratio Lower Upper

228 100

226 29.9 23.6 35.4

229 44.3 13.3 19.9#

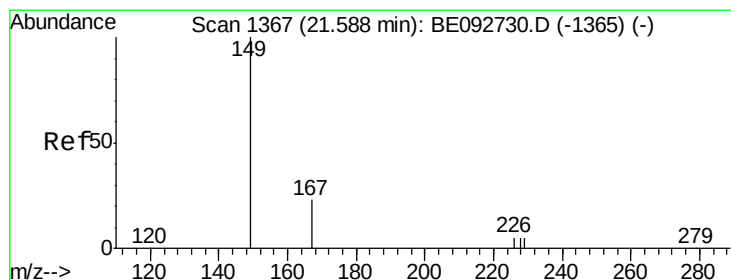
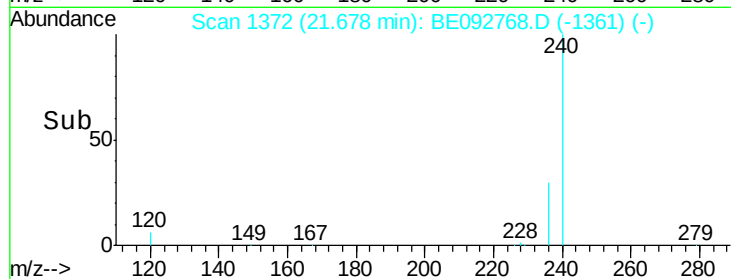
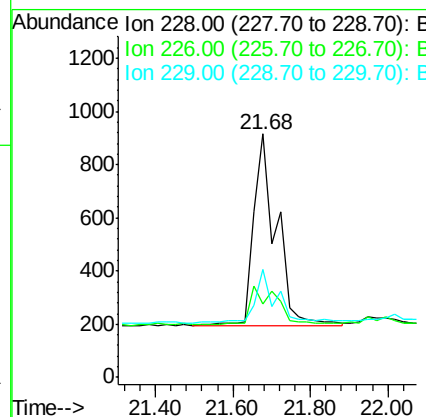
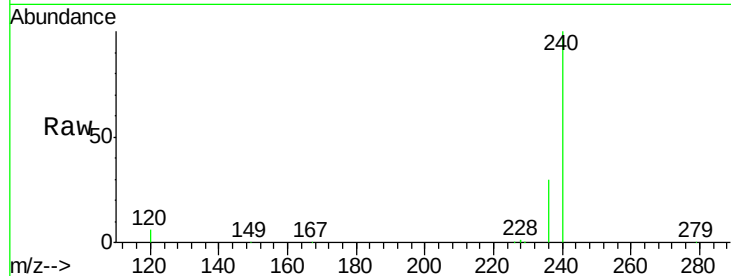




#28
 Chrysene
 Concen: 0.03 ng
 RT: 21.68 min Scan# 1372
 Delta R.T. -0.05 min
 Lab File: BE092768.D
 Acq: 28 Feb 2017 18:16

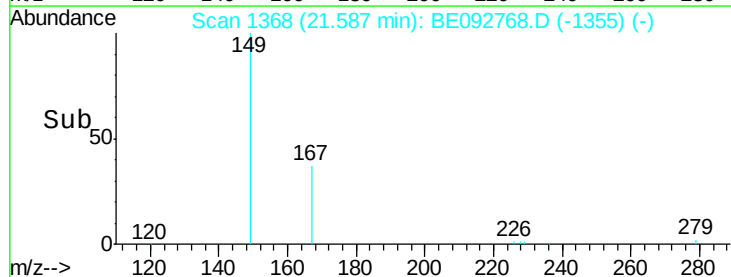
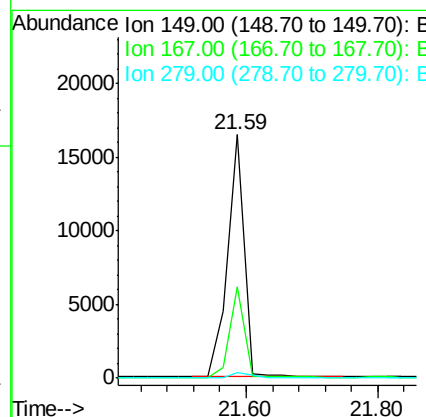
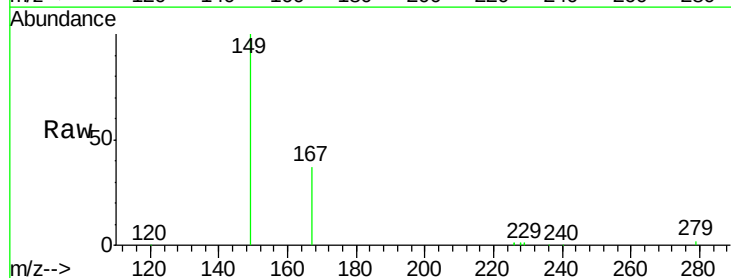
Instrument :
 BNA_E
 ClientSampleId :
 CPS043051

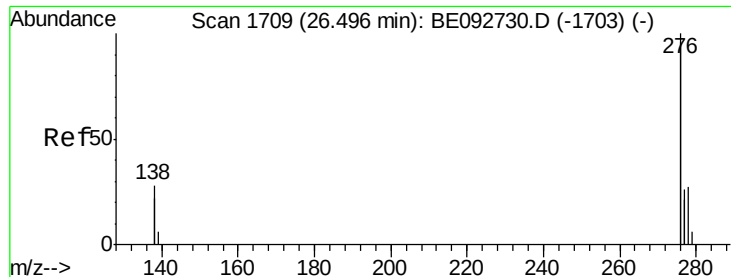
Tot Ion:228 Resp: 2845
 Ion Ratio Lower Upper
 228 100
 226 29.9 36.3 54.5#
 229 44.3 10.6 16.0#



#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#

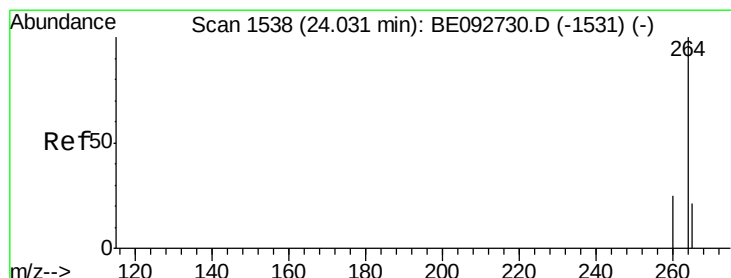
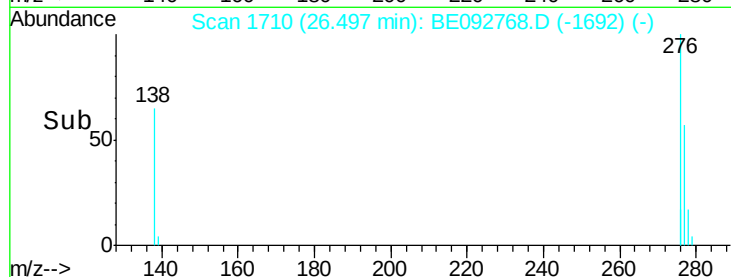
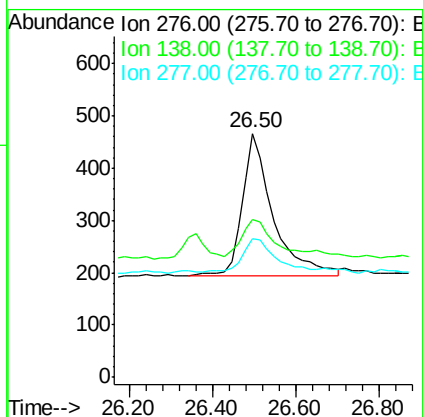
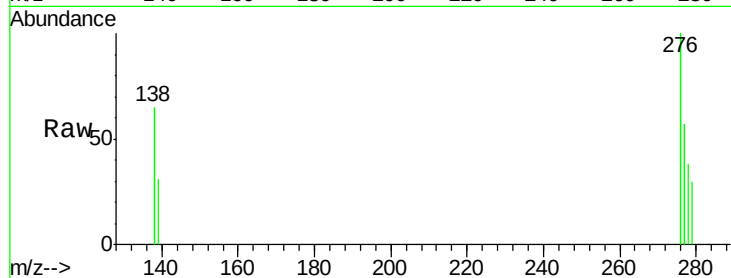




#30
 Indeno(1,2,3-cd)pyrene
 Concen: 0.04 ng
 RT: 26.50 min Scan# 1710
 Delta R.T. 0.00 min
 Lab File: BE092768.D
 Acq: 28 Feb 2017 18:16

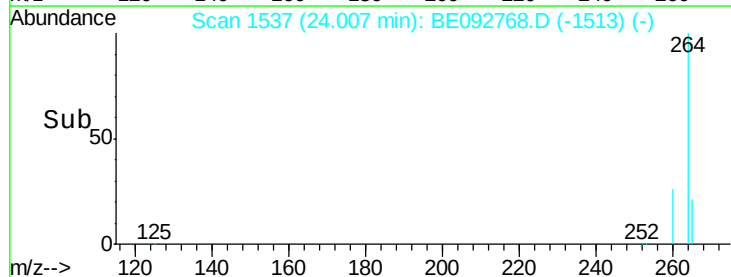
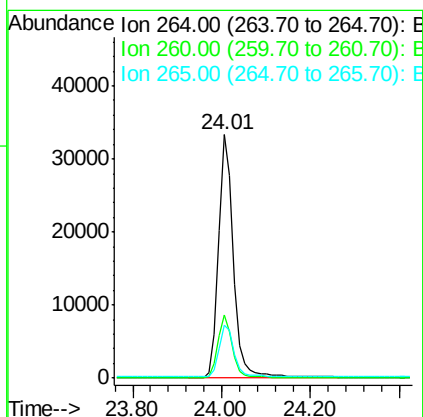
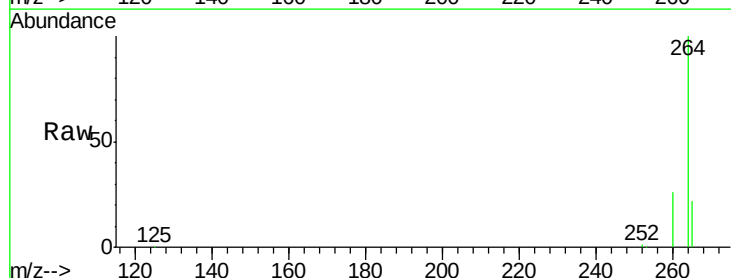
Instrument :
 BNA_E
 ClientSampleId :
 CPS043051

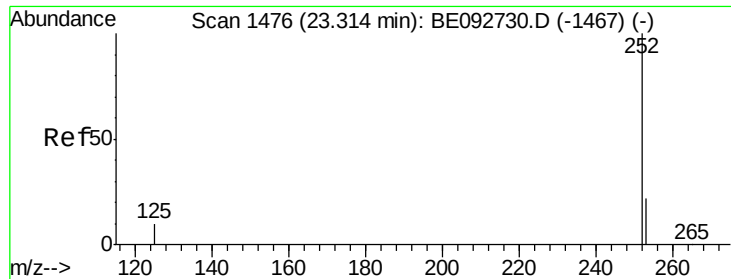
Tot Ion:276 Resp: 1407
 Ion Ratio Lower Upper
 276 100
 138 28.9 20.3 30.5
 277 24.0 19.7 29.5



#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





#32

Benzo(b)fluoranthene

Concen: 0.05 ng

RT: 23.30 min Scan# 1476

Delta R.T. -0.01 min

Lab File: BE092768.D

Acq: 28 Feb 2017 18:16

Instrument :

BNA_E

ClientSampleId :

CPS043051

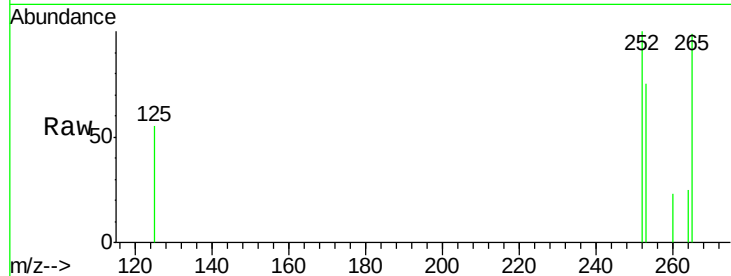
Tot Ion:252 Resp: 298

Ion Ratio Lower Upper

252 100

253 74.6 18.7 28.1#

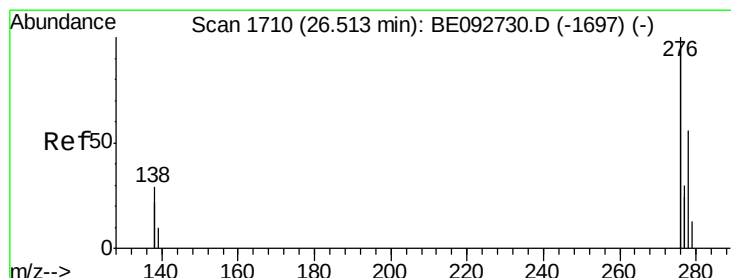
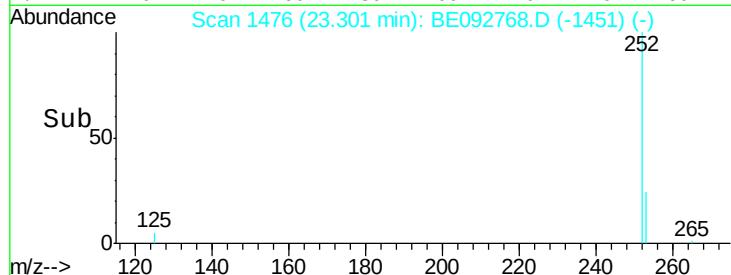
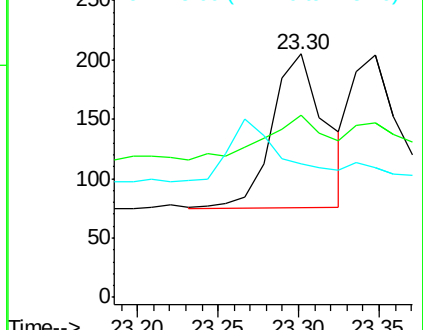
125 55.1 10.5 15.7#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#35

Dibenzo(a,h)anthracene

Concen: 0.02 ng

RT: 26.51 min Scan# 1711

Delta R.T. 0.00 min

Lab File: BE092768.D

Acq: 28 Feb 2017 18:16

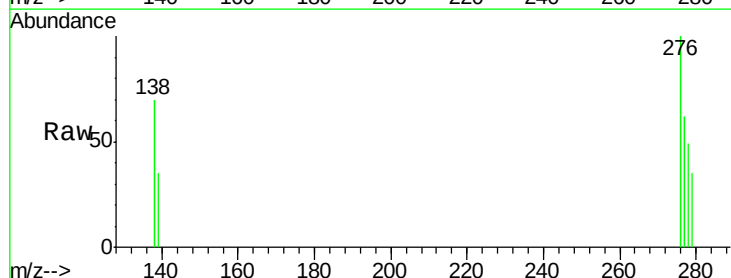
Tgt Ion:278 Resp: 302

Ion Ratio Lower Upper

278 100

139 71.6 13.8 20.8#

279 72.5 21.4 32.2#



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E

