

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE082415\
 Data File : BE090602.D
 Acq On : 24 Aug 2015 15:45
 Operator : UM/IZ
 Sample : IDOC-S-BL
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 IDOC-S-BL

Quant Time: Aug 24 22:58:53 2015
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE081415.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 14 16:52:42 2015
 Response via : Initial Calibration

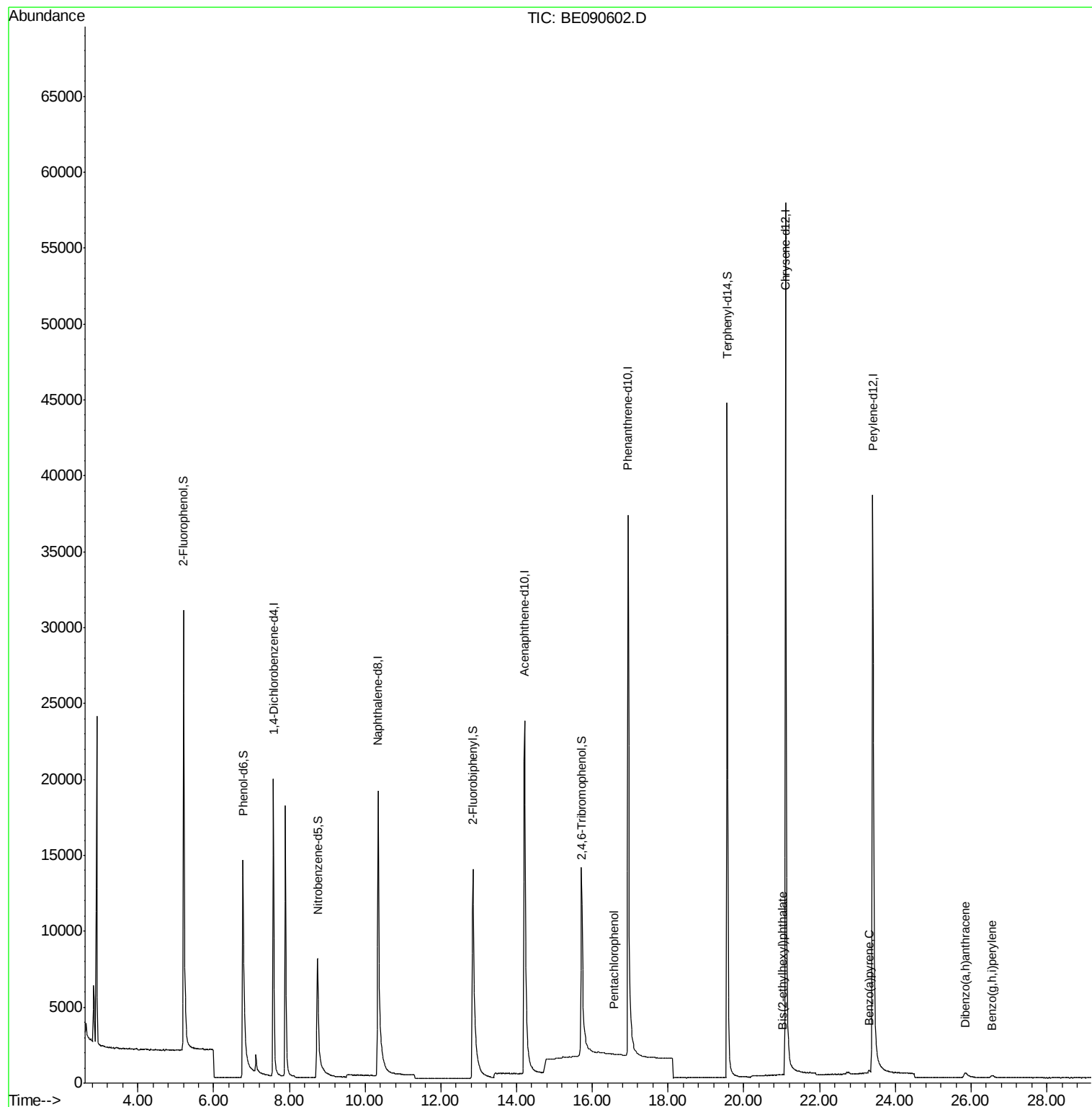
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.58	152	11422	5.00	ng	0.00
6) Naphthalene-d8	10.34	136	46362	5.00	ng	0.00
12) Acenaphthene-d10	14.21	164	26902	5.00	ng	0.01
18) Phenanthrene-d10	16.95	188	71751	5.00	ng	0.00
25) Chrysene-d12	21.10	240	81377	5.00	ng	0.00
32) Perylene-d12	23.41	264	75409	5.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.21	112	26997	8.17	ng	0.00
5) Phenol-d6	6.77	99	31022	6.39	ng	0.00
7) Nitrobenzene-d5	8.74	82	15624	4.23	ng	0.02
13) 2,4,6-Tribromophenol	15.73	330	10091	9.75	ng	0.02
14) 2-Fluorobiphenyl	12.84	172	34499	4.29	ng	0.03
27) Terphenyl-d14	19.56	244	65952	4.43	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.32	88	47	Below Cal	#	36
21) Pentachlorophenol	16.58	266	6	0.31 ng	#	67
30) Bis(2-ethylhexyl)phthalate	21.03	149	66	0.14 ng	#	70
35) Benzo(a)pyrene	23.31	252	436	0.03 ng	#	13
36) Dibenzo(a,h)anthracene	25.86	278	545	0.03 ng	#	39
37) Benzo(g,h,i)perylene	26.56	276	510	0.03 ng	#	45

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

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#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 7.58 min Scan# 844

Delta R.T. -0.00 min

Lab File: BE090602.D

Acq: 24 Aug 2015 15:45

Instrument :

BNA_E

ClientSampleId :

IDOC-S-BL

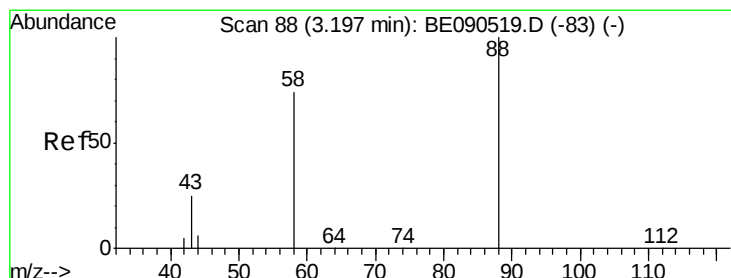
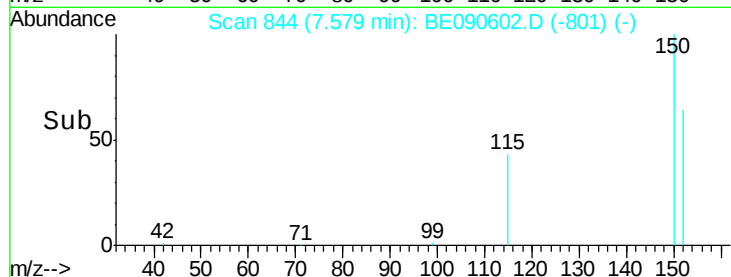
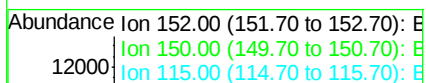
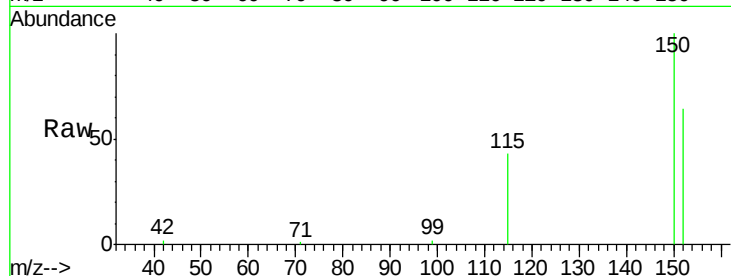
Tgt Ion: 152 Resp: 11422

Ion Ratio Lower Upper

152 100

150 155.9 123.0 184.4

115 67.4 48.9 73.3



#2

1,4-Dioxane

Concen: Below Cal

RT: 3.32 min Scan# 107

Delta R.T. 0.13 min

Lab File: BE090602.D

Acq: 24 Aug 2015 15:45

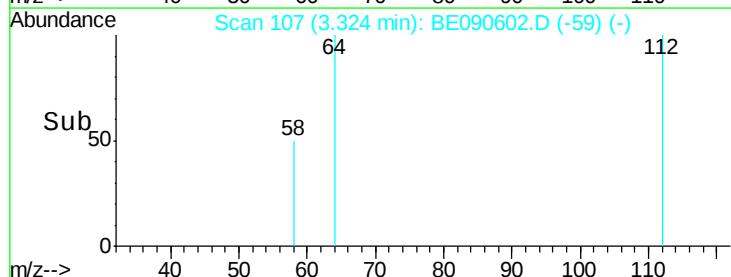
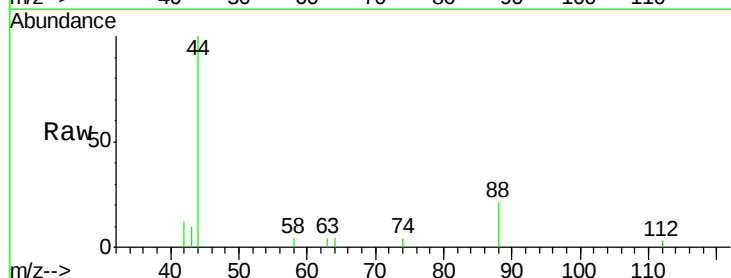
Tgt Ion: 88 Resp: 47

Ion Ratio Lower Upper

88 100

58 12.8 70.0 105.0#

43 21.3 28.4 42.6#





#4

2-Fluorophenol

Concen: 8.17 ng

RT: 5.21 min Scan# 385

Delta R.T. -0.01 min

Lab File: BE090602.D

Acq: 24 Aug 2015 15:45

Instrument :

BNA_E

ClientSampleId :

IDOC-S-BL

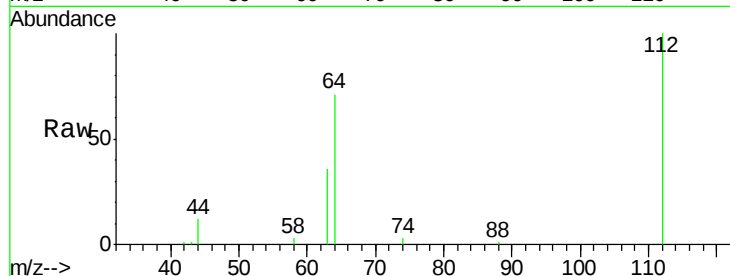
Tgt Ion: 112 Resp: 26997

Ion Ratio Lower Upper

112 100

64 70.0 37.1 55.7#

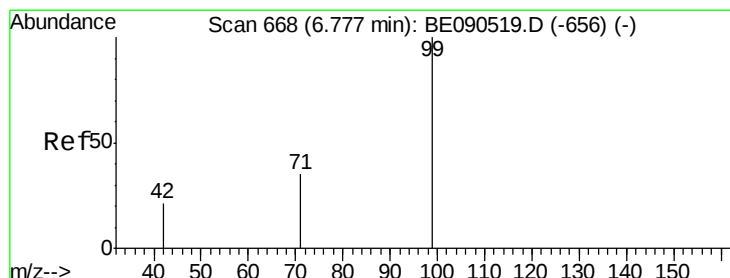
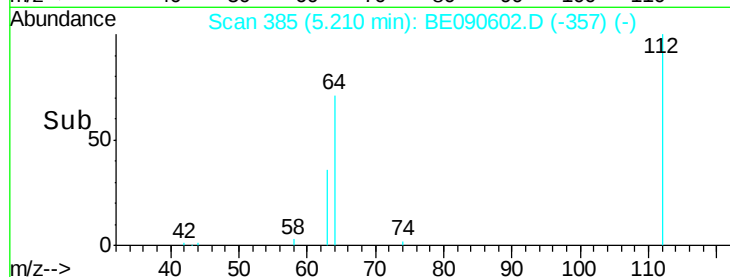
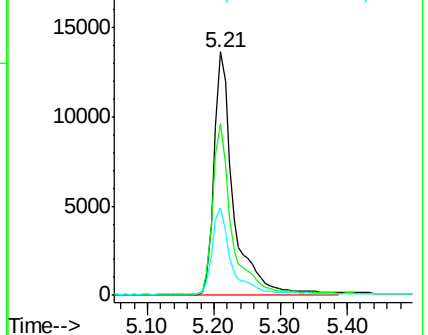
63 35.6 19.5 29.3#



Abundance Ion 112.00 (111.70 to 112.70): BE090519.D (-378) (-)

Ion 64.00 (63.70 to 64.70): BE090519.D (-378) (-)

Ion 63.00 (62.70 to 63.70): BE090519.D (-378) (-)



#5

Phenol-d6

Concen: 6.39 ng

RT: 6.77 min Scan# 667

Delta R.T. -0.00 min

Lab File: BE090602.D

Acq: 24 Aug 2015 15:45

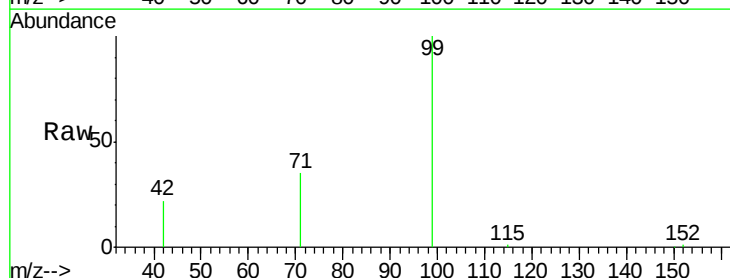
Tgt Ion: 99 Resp: 31022

Ion Ratio Lower Upper

99 100

42 20.9 18.2 27.4

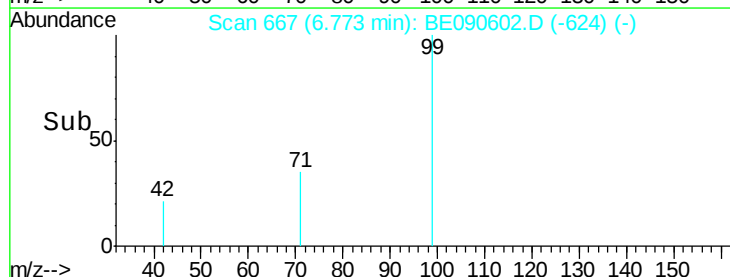
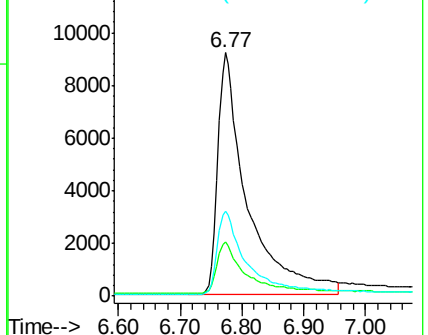
71 35.2 27.4 41.0

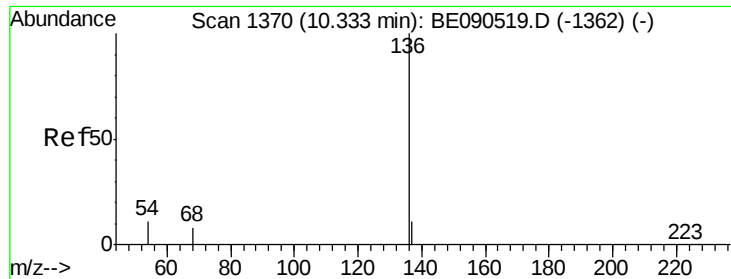


Abundance Ion 99.00 (98.70 to 99.70): BE090519.D (-656) (-)

Ion 42.00 (41.70 to 42.70): BE090519.D (-656) (-)

Ion 71.00 (70.70 to 71.70): BE090519.D (-656) (-)





#6

Naphthalene-d8

Concen: 5.00 ng

RT: 10.34 min Scan# 1371

Delta R.T. 0.01 min

Lab File: BE090602.D

Acq: 24 Aug 2015 15:45

Instrument :

BNA_E

ClientSampleId :

IDOC-S-BL

Tgt Ion:136 Resp: 46362

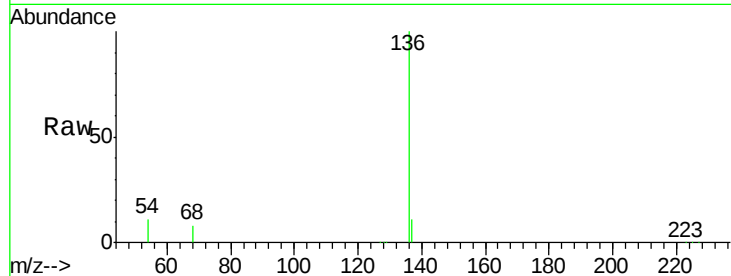
Ion Ratio Lower Upper

136 100

137 11.1 8.7 13.1

54 11.4 9.4 14.0

68 8.4 6.5 9.7

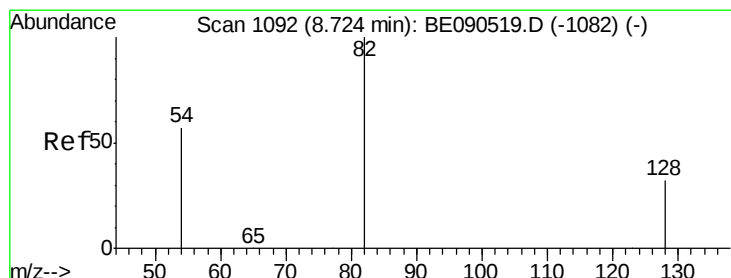
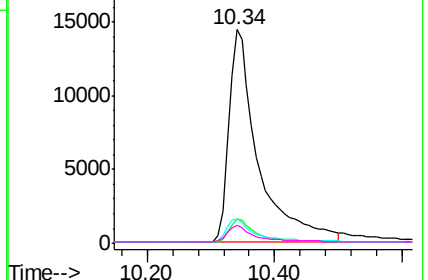
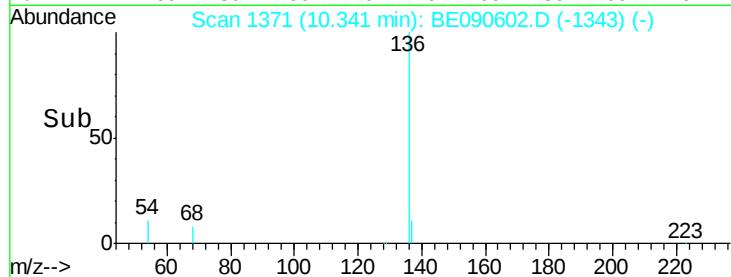


Abundance Ion 136.00 (135.70 to 136.70): E

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



#7

Nitrobenzene-d5

Concen: 4.23 ng

RT: 8.74 min Scan# 1096

Delta R.T. 0.02 min

Lab File: BE090602.D

Acq: 24 Aug 2015 15:45

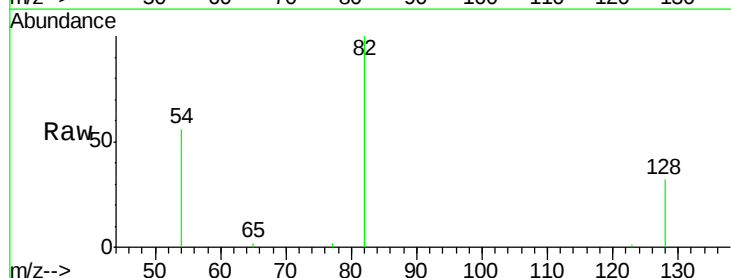
Tgt Ion: 82 Resp: 15624

Ion Ratio Lower Upper

82 100

128 31.9 25.0 37.6

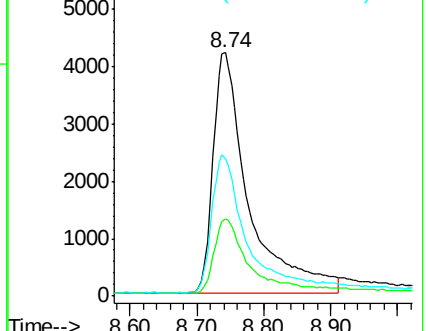
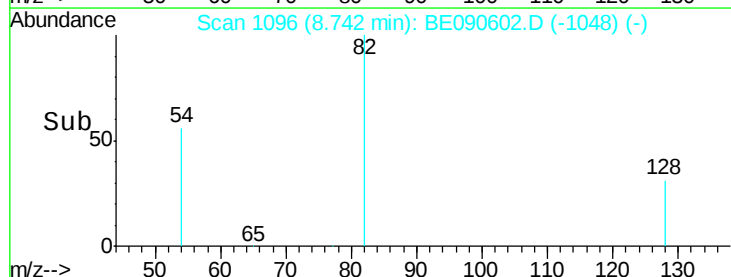
54 56.5 48.8 73.2

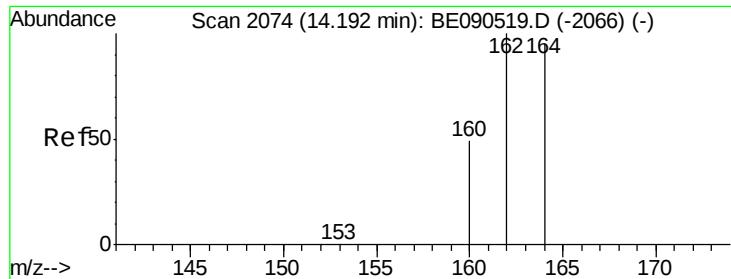


Abundance Ion 82.00 (81.70 to 82.70): BE0

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: 14.21 min Scan# 2076

Delta R.T. 0.01 min

Lab File: BE090602.D

Acq: 24 Aug 2015 15:45

Instrument :

BNA_E

ClientSampleId :

IDOC-S-BL

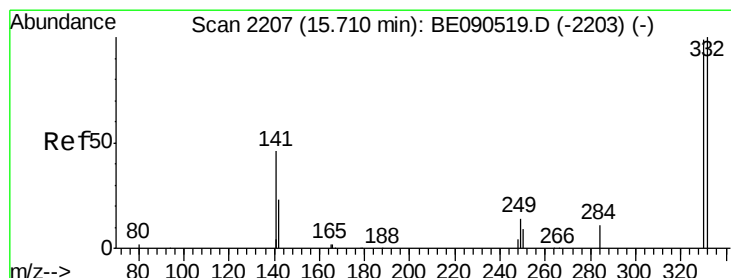
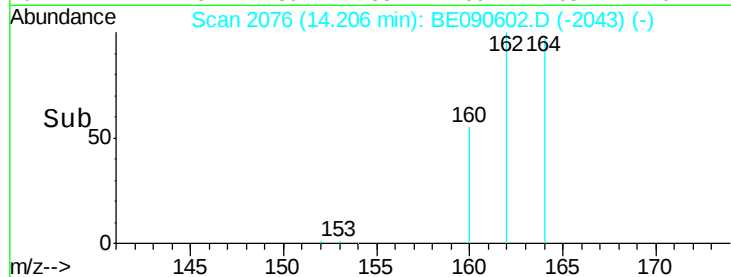
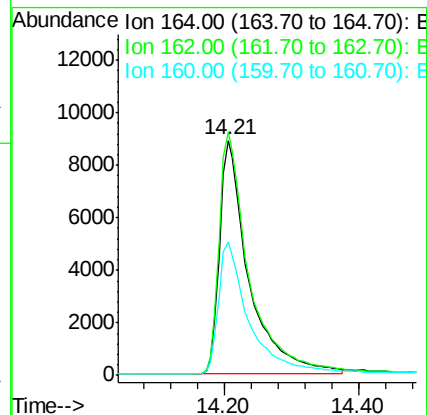
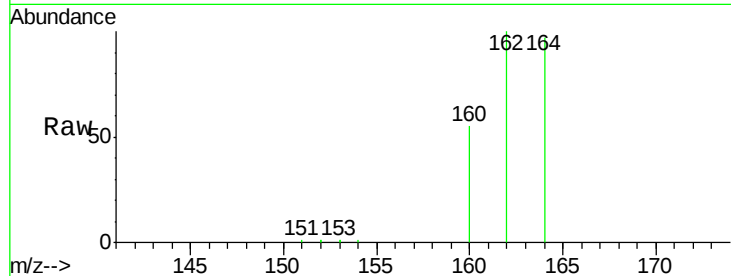
Tgt Ion:164 Resp: 26902

Ion Ratio Lower Upper

164 100

162 103.5 81.8 122.8

160 56.8 44.2 66.4



#13

2,4,6-Tribromophenol

Concen: 9.75 ng

RT: 15.73 min Scan# 2208

Delta R.T. 0.02 min

Lab File: BE090602.D

Acq: 24 Aug 2015 15:45

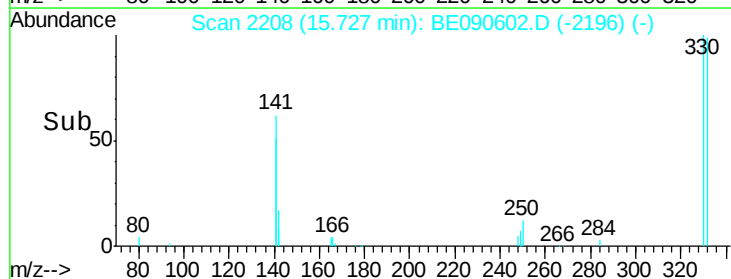
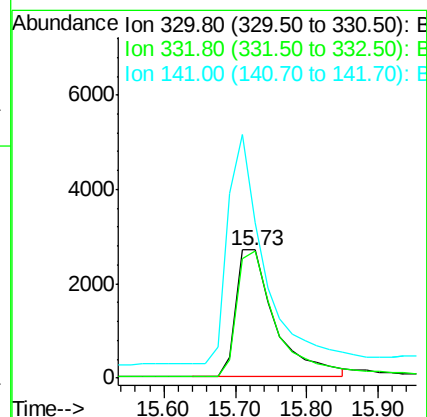
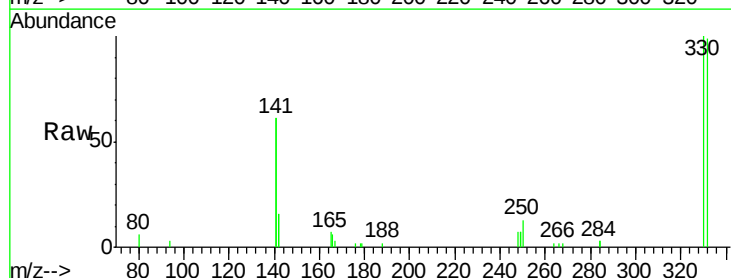
Tgt Ion:330 Resp: 10091

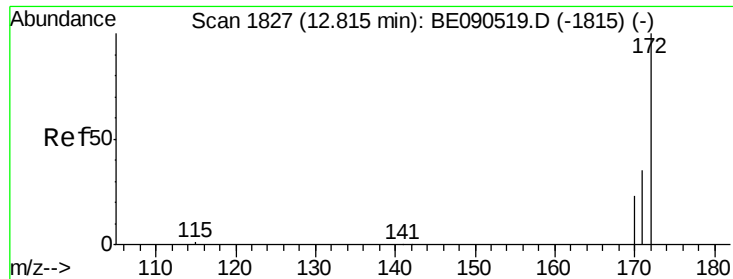
Ion Ratio Lower Upper

330 100

332 97.4 75.8 113.6

141 171.2 114.4 171.6

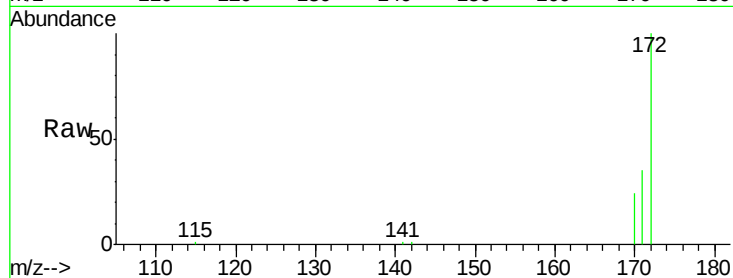




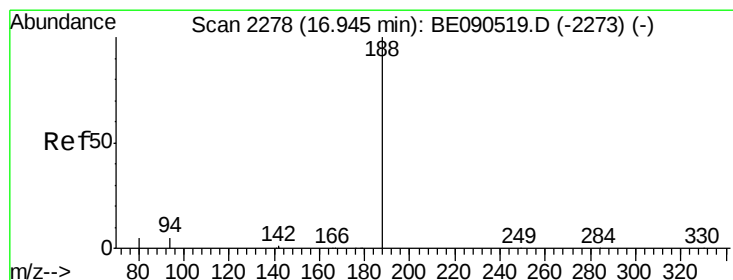
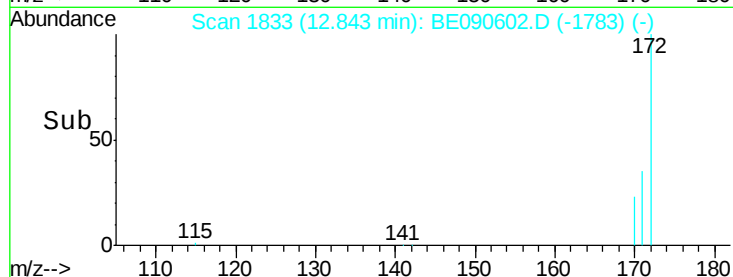
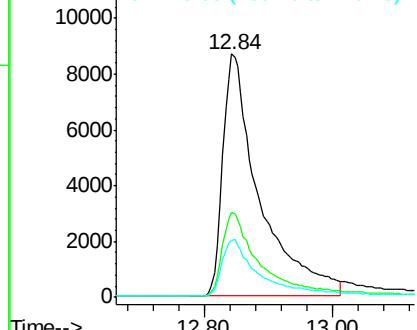
#14
2-Fluorobiphenyl
Concen: 4.29 ng
RT: 12.84 min Scan# 1833
Delta R.T. 0.03 min
Lab File: BE090602.D
Acq: 24 Aug 2015 15:45

Instrument :
BNA_E
ClientSampleId :
IDOC-S-BL

Tgt Ion:172 Resp: 34499
Ion Ratio Lower Upper
172 100
171 34.9 28.5 42.7
170 23.5 19.8 29.8

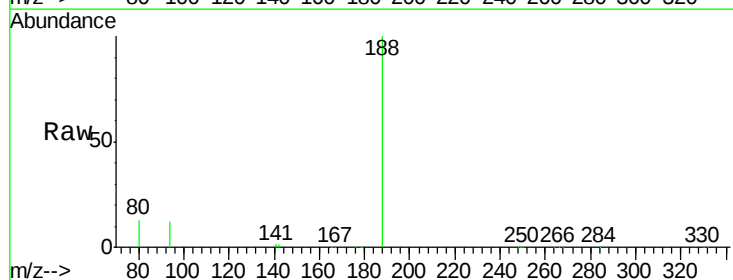


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

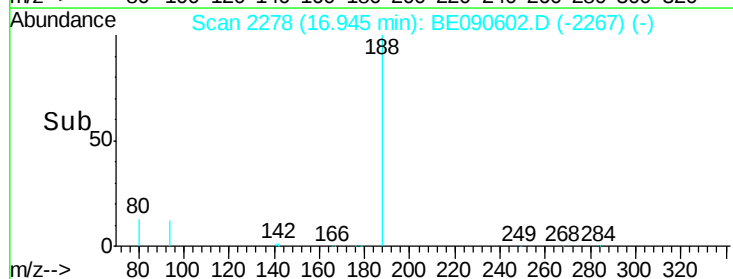
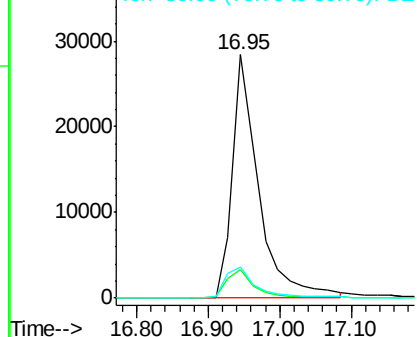


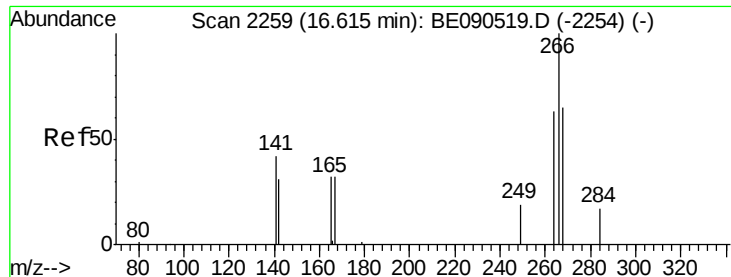
#18
Phenanthrene-d10
Concen: 5.00 ng
RT: 16.95 min Scan# 2278
Delta R.T. -0.00 min
Lab File: BE090602.D
Acq: 24 Aug 2015 15:45

Tgt Ion:188 Resp: 71751
Ion Ratio Lower Upper
188 100
94 12.0 5.7 8.5#
80 12.9 5.8 8.8#



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

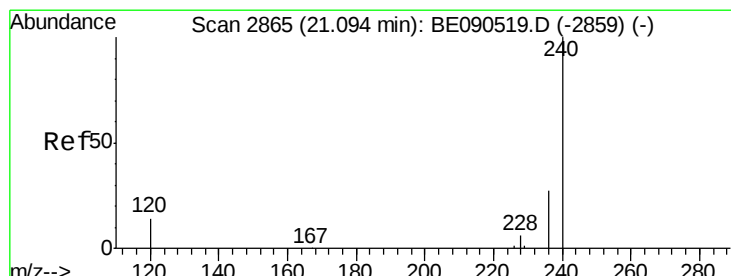
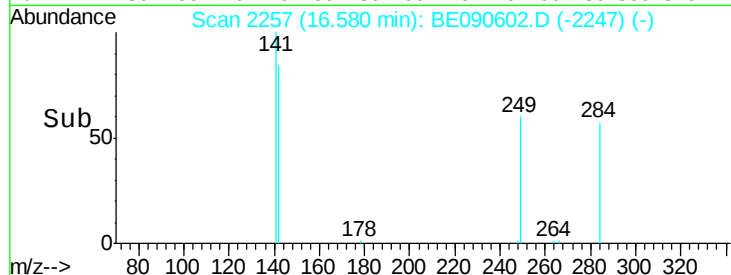
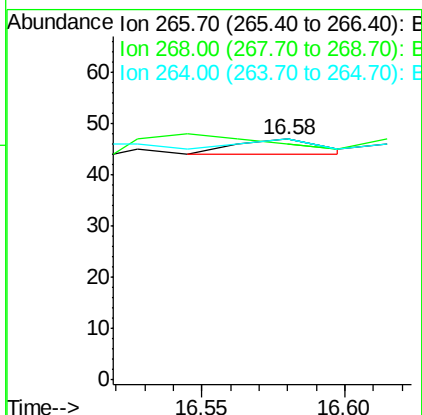
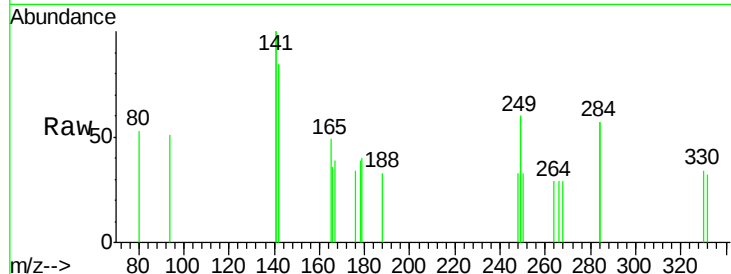




#21
 Pentachlorophenol
 Concen: 0.31 ng
 RT: 16.58 min Scan# 2257
 Delta R.T. -0.03 min
 Lab File: BE090602.D
 Acq: 24 Aug 2015 15:45

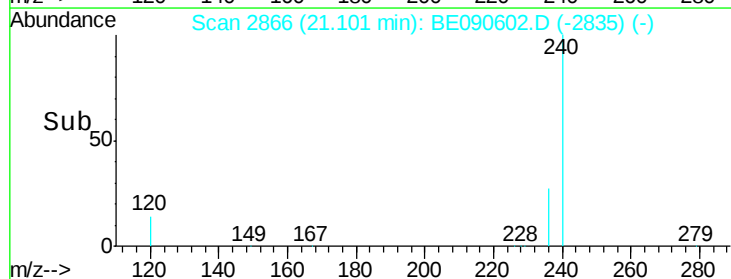
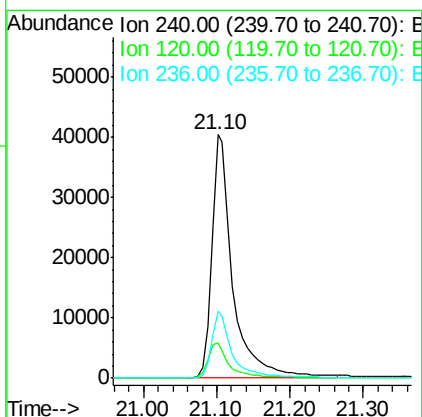
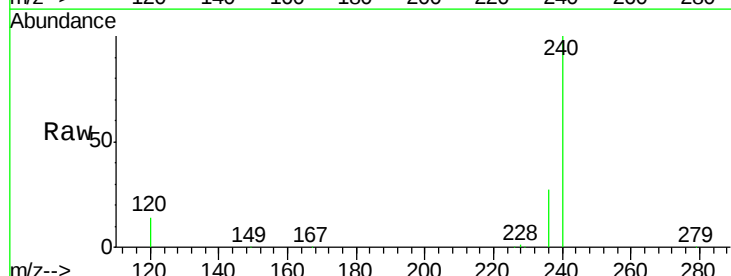
Instrument :
 BNA_E
 ClientSampleId :
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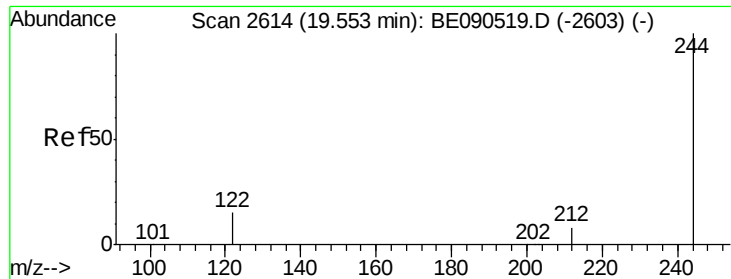
Tgt Ion: 266 Resp: 6
 Ion Ratio Lower Upper
 266 100
 268 97.9 58.5 87.7#
 264 100.0 56.0 84.0#



#25
 Chrysene-d12
 Concen: 5.00 ng
 RT: 21.10 min Scan# 2866
 Delta R.T. 0.01 min
 Lab File: BE090602.D
 Acq: 24 Aug 2015 15:45

Tgt Ion: 240 Resp: 81377
 Ion Ratio Lower Upper
 240 100
 120 14.3 8.3 12.5#
 236 27.5 21.0 31.4

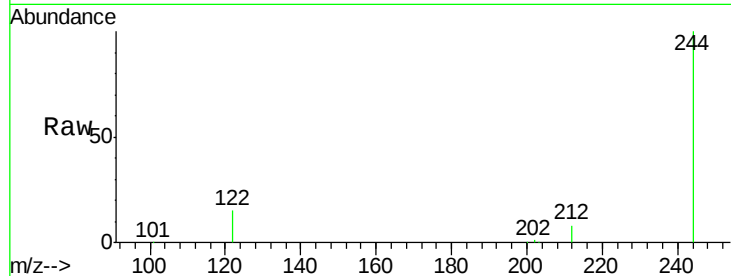




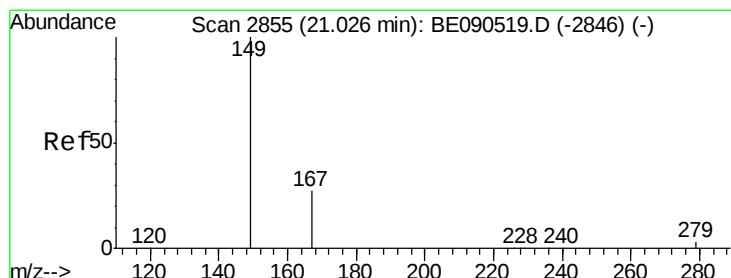
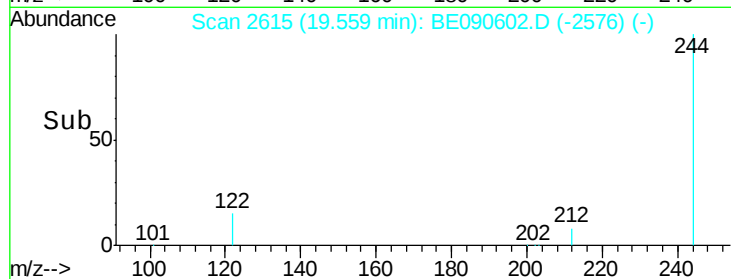
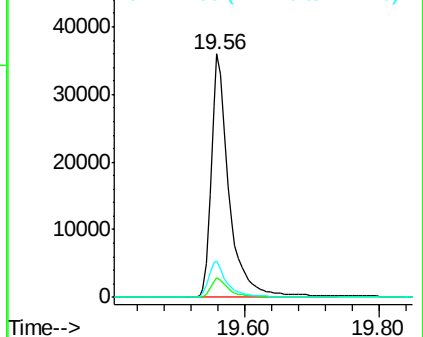
#27
 Terphenyl-d14
 Concen: 4.43 ng
 RT: 19.56 min Scan# 2615
 Delta R.T. 0.01 min
 Lab File: BE090602.D
 Acq: 24 Aug 2015 15:45

Instrument :
 BNA_E
 ClientSampleId :
 IDOC-S-BL

Tgt Ion: 244 Resp: 65952
 Ion Ratio Lower Upper
 244 100
 212 8.1 6.6 9.8
 122 15.0 10.2 15.4

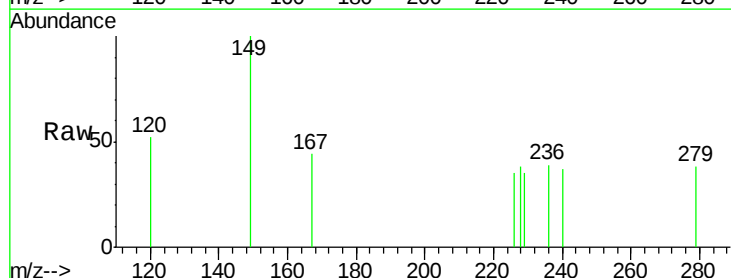


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E

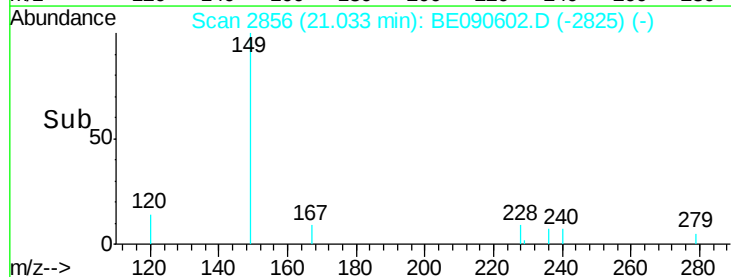
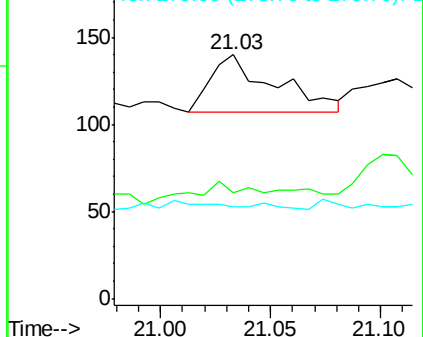


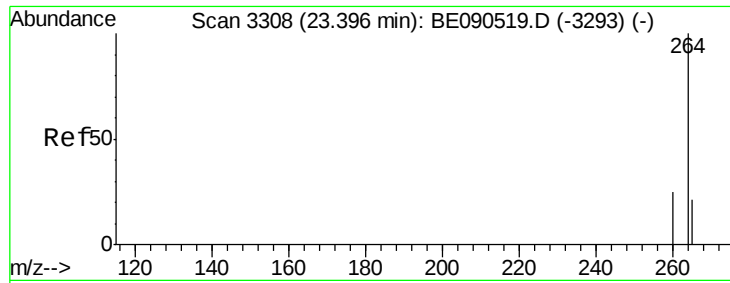
#30
 Bis(2-ethylhexyl)phthalate
 Concen: 0.14 ng
 RT: 21.03 min Scan# 2856
 Delta R.T. 0.01 min
 Lab File: BE090602.D
 Acq: 24 Aug 2015 15:45

Tgt Ion: 149 Resp: 66
 Ion Ratio Lower Upper
 149 100
 167 40.9 19.8 29.8#
 279 0.0 2.4 3.6#



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

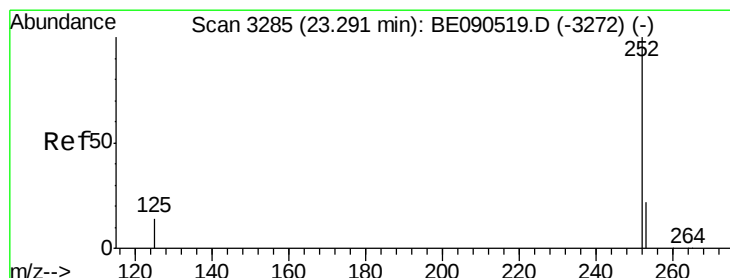
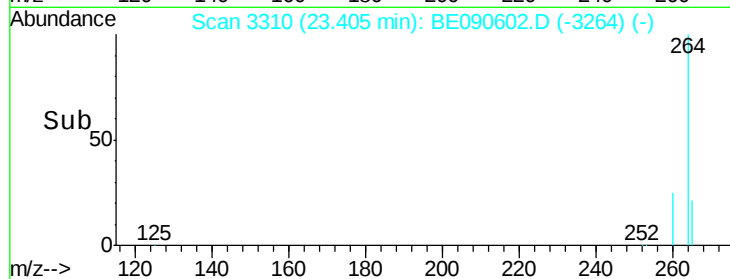
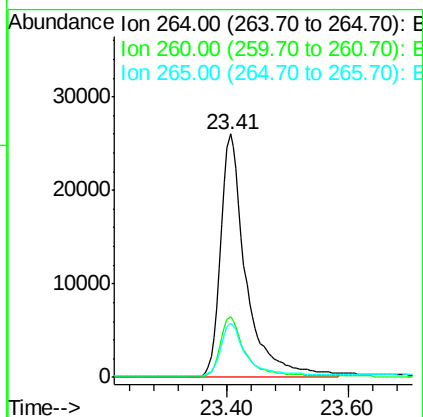
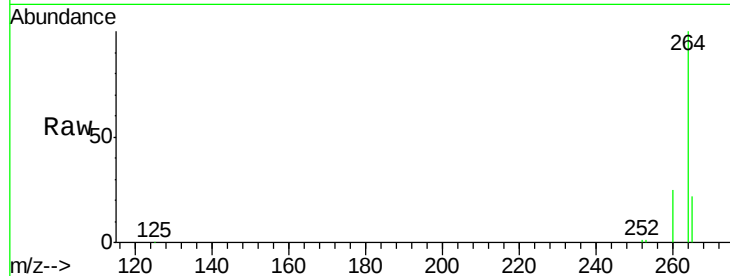




#32
 Perylene-d12
 Concen: 5.00 ng
 RT: 23.41 min Scan# 3310
 Delta R.T. 0.01 min
 Lab File: BE090602.D
 Acq: 24 Aug 2015 15:45

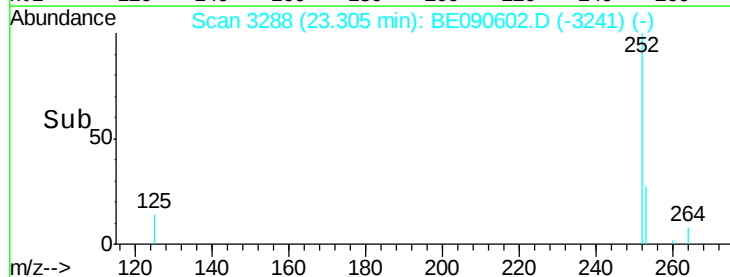
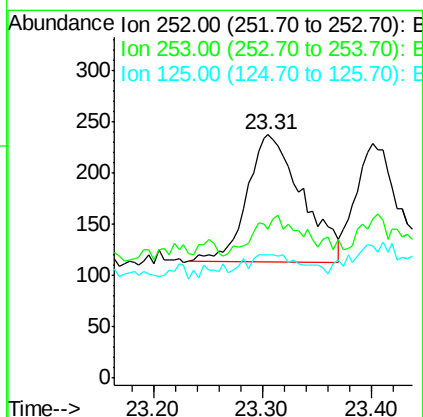
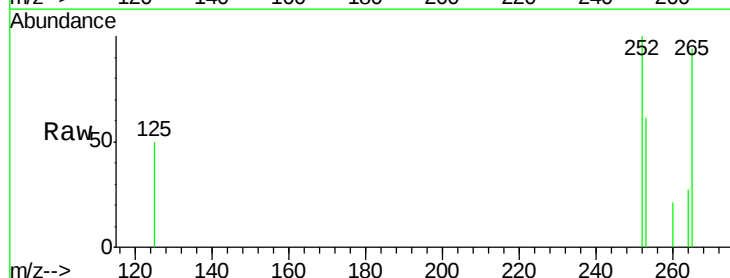
Instrument :
 BNA_E
 ClientSampleId :
 IDOC-S-BL

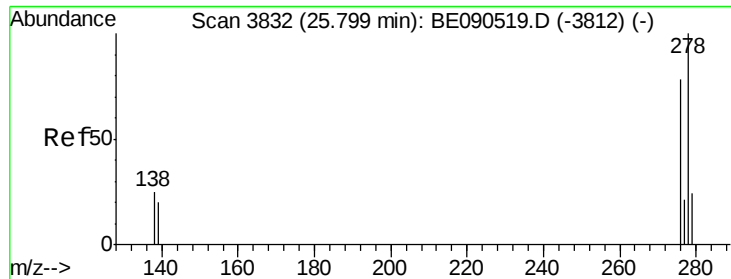
Tgt Ion: 264 Resp: 75409
 Ion Ratio Lower Upper
 264 100
 260 24.7 20.1 30.1
 265 22.1 17.2 25.8



#35
 Benzo(a)pyrene
 Concen: 0.03 ng
 RT: 23.31 min Scan# 3288
 Delta R.T. 0.01 min
 Lab File: BE090602.D
 Acq: 24 Aug 2015 15:45

Tgt Ion: 252 Resp: 436
 Ion Ratio Lower Upper
 252 100
 253 60.9 17.6 26.4#
 125 50.4 9.8 14.6#

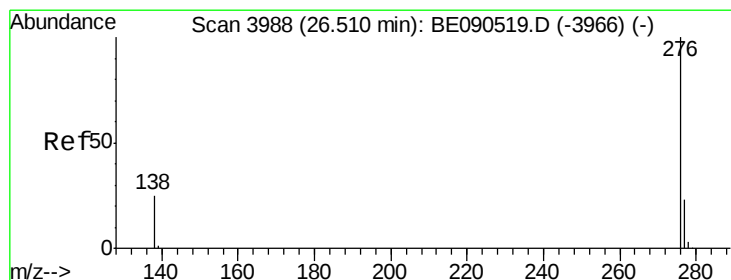
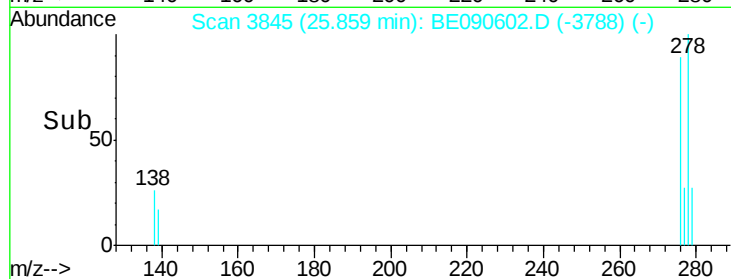
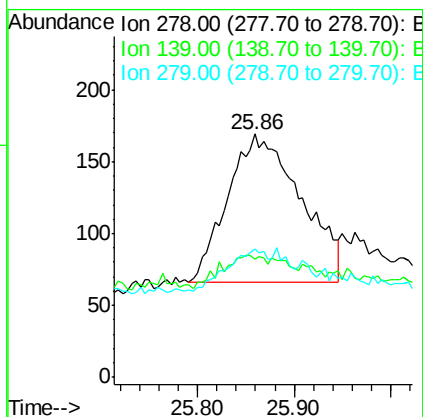
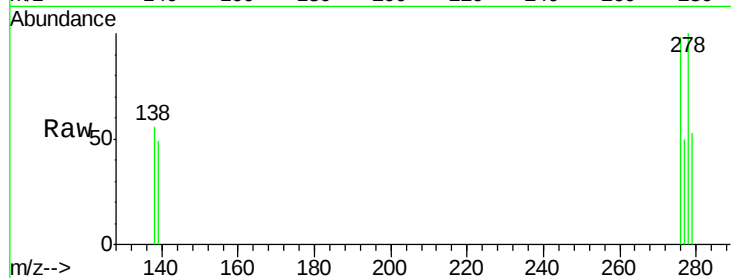




#36
Dibenzo(a,h)anthracene
Concen: 0.03 ng
RT: 25.86 min Scan# 3845
Delta R.T. 0.06 min
Lab File: BE090602.D
Acq: 24 Aug 2015 15:45

Instrument :
BNA_E
ClientSampleId :
IDOC-S-BL

Tgt Ion: 278 Resp: 545
Ion Ratio Lower Upper
278 100
139 48.5 14.2 21.4#
279 52.7 20.1 30.1#



#37
Benzo(g,h,i)perylene
Concen: 0.03 ng
RT: 26.56 min Scan# 3999
Delta R.T. 0.05 min
Lab File: BE090602.D
Acq: 24 Aug 2015 15:45

Tgt Ion: 276 Resp: 510
Ion Ratio Lower Upper
276 100
277 47.0 20.1 30.1#
138 55.5 18.1 27.1#

