

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE090215\
 Data File : BE090709.D
 Acq On : 2 Sep 2015 18:00
 Operator : UM/IZ
 Sample : G3484-06
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 DUP02-082815

Quant Time: Sep 02 23:06:08 2015
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE090115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 02 23:04:24 2015
 Response via : Initial Calibration

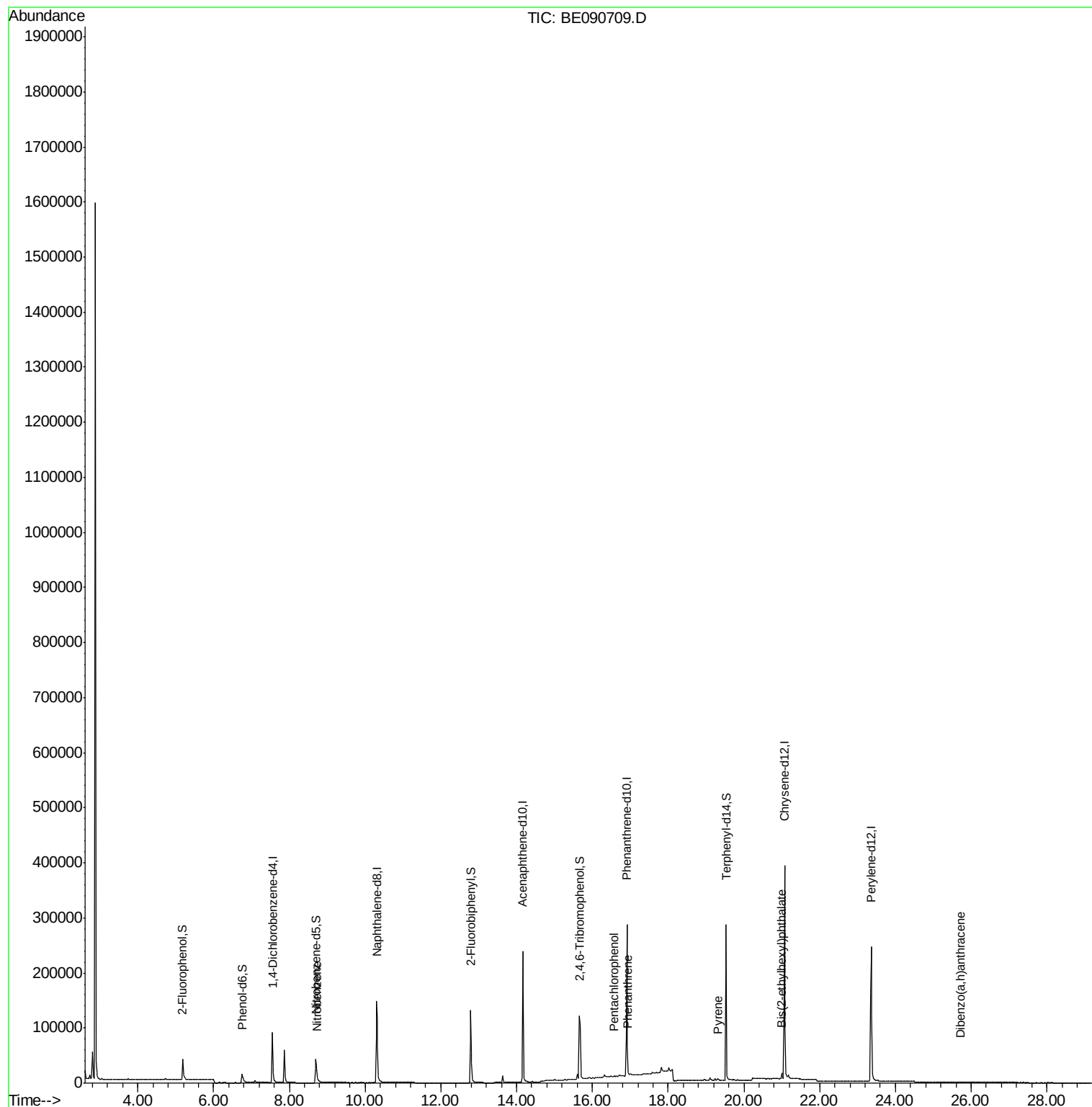
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.55	152	50542	5.00	ng	0.00
6) Naphthalene-d8	10.31	136	244308	5.00	ng	0.00
12) Acenaphthene-d10	14.17	164	138625	5.00	ng	0.00
18) Phenanthrene-d10	16.91	188	322739	5.00	ng	0.00
25) Chrysene-d12	21.07	240	371809	5.00	ng	0.00
32) Perylene-d12	23.36	264	349316	5.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.18	112	36775	3.74	ng	0.00
5) Phenol-d6	6.75	99	33037	2.35	ng	0.00
7) Nitrobenzene-d5	8.70	82	66400	4.11	ng	0.00
13) 2,4,6-Tribromophenol	15.67	330	60438	14.72	ng	0.00
14) 2-Fluorobiphenyl	12.79	172	157800	4.11	ng	-0.01
27) Terphenyl-d14	19.53	244	288432	7.01	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.24	88	46	Below Cal	#	35
3) n-Nitrosodimethylamine	3.44	42	110	Below Cal	#	1
8) Nitrobenzene	8.74	77	21	0.11 ng	#	48
20) Hexachlorobenzene	16.23	284	230	Below Cal	#	1
21) Pentachlorophenol	16.58	266	87	0.48 ng	#	73
22) Phenanthrene	16.94	178	2318	0.03 ng	#	45
26) Pyrene	19.32	202	2921	0.04 ng	#	90
29) Chrysene	21.11	228	1208	Below Cal	#	28
30) Bis(2-ethylhexyl)phthalate	21.01	149	11119	0.57 ng	#	94
36) Dibenzo(a,h)anthracene	25.73	278	134	0.14 ng	#	1

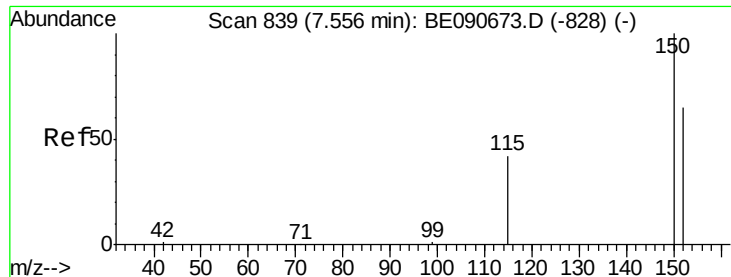
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 7.55 min Scan# 838

Delta R.T. -0.00 min

Lab File: BE090709.D

Acq: 2 Sep 2015 18:00

Instrument :

BNA_E

ClientSampleId :

DUP02-082815

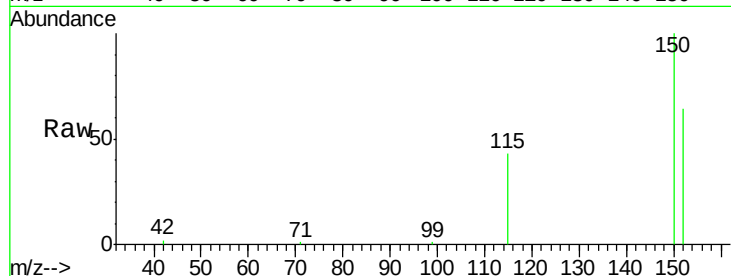
Tgt Ion: 152 Resp: 50542

Ion Ratio Lower Upper

152 100

150 155.8 122.2 183.4

115 66.8 51.0 76.4

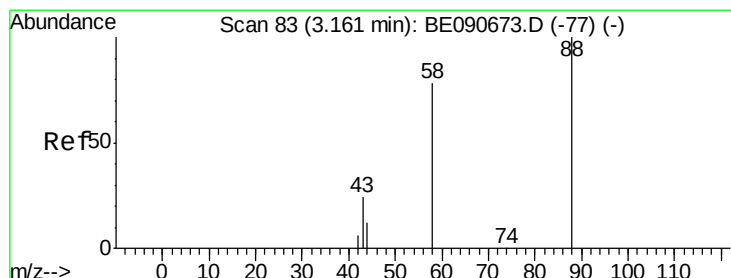
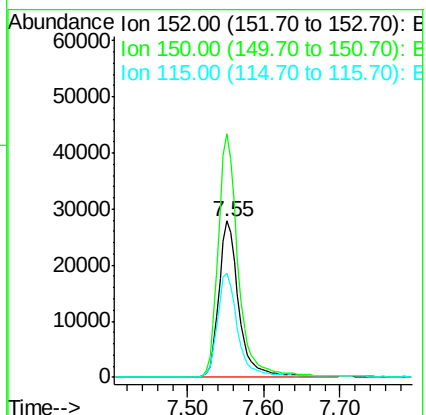
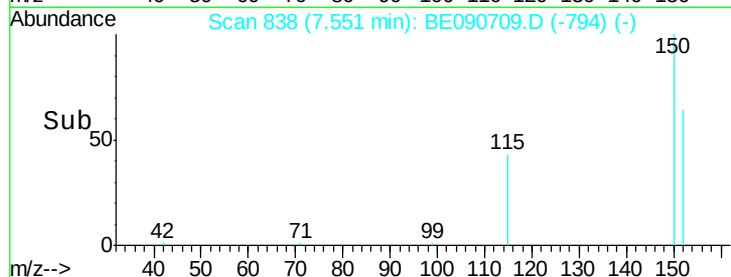


Abundance

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



#2

1,4-Dioxane

Concen: Below Cal

RT: 3.24 min Scan# 94

Delta R.T. 0.08 min

Lab File: BE090709.D

Acq: 2 Sep 2015 18:00

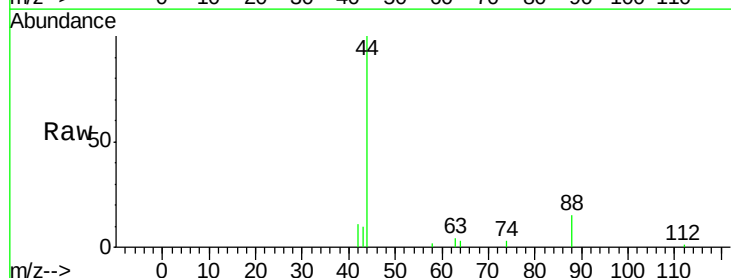
Tgt Ion: 88 Resp: 46

Ion Ratio Lower Upper

88 100

58 23.9 68.4 102.6#

43 0.0 26.9 40.3#

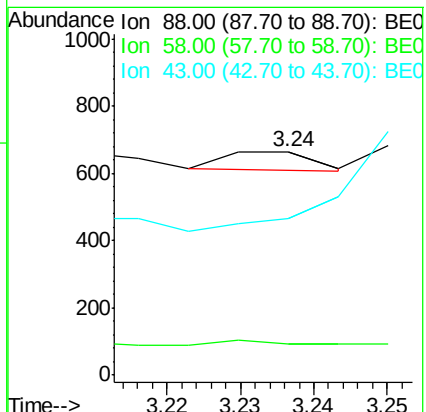
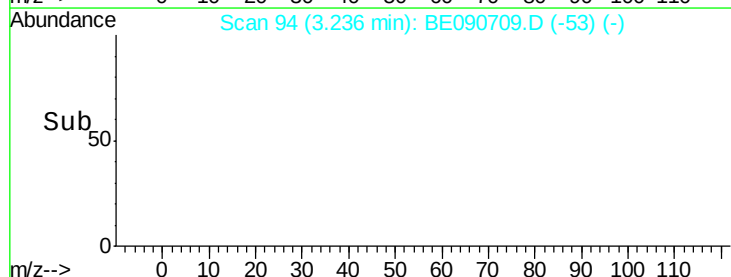


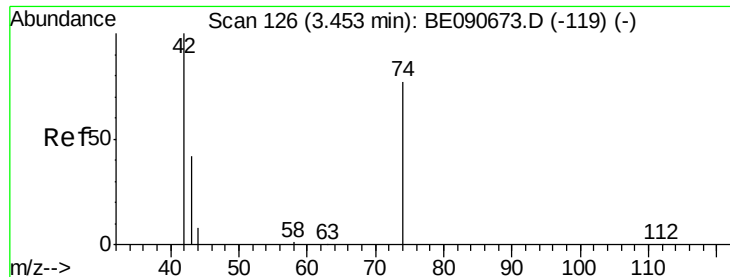
Abundance

Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#3

n-Nitrosodimethylamine

Concen: Below Cal

RT: 3.44 min Scan# 124

Delta R.T. -0.01 min

Lab File: BE090709.D

Acq: 2 Sep 2015 18:00

Instrument :

BNA_E

ClientSampleId :

DUP02-082815

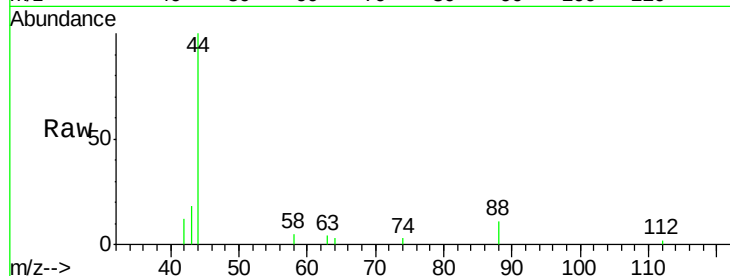
Tgt Ion: 42 Resp: 110

Ion Ratio Lower Upper

42 100

74 25.5 83.7 125.5#

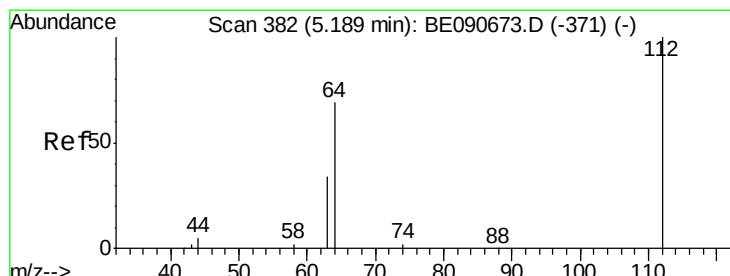
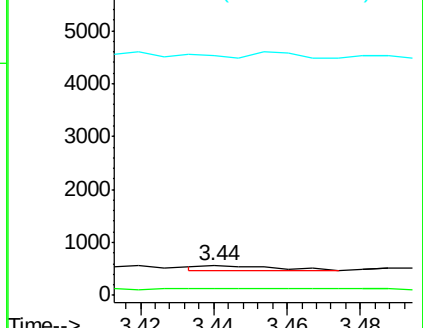
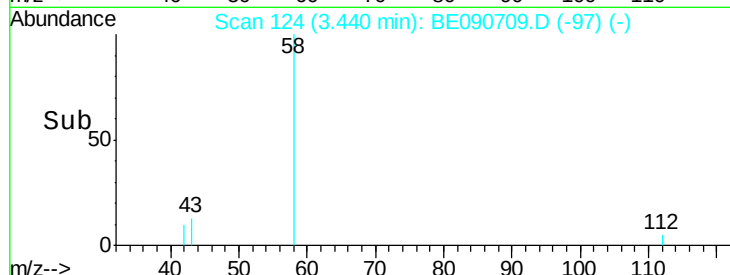
44 150.9 10.0 15.0#



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: 3.74 ng

RT: 5.18 min Scan# 381

Delta R.T. -0.01 min

Lab File: BE090709.D

Acq: 2 Sep 2015 18:00

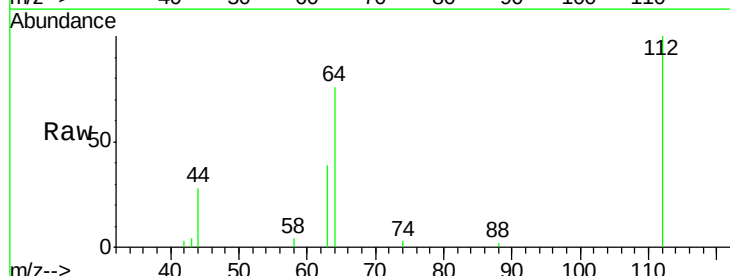
Tgt Ion: 112 Resp: 36775

Ion Ratio Lower Upper

112 100

64 72.2 57.3 85.9

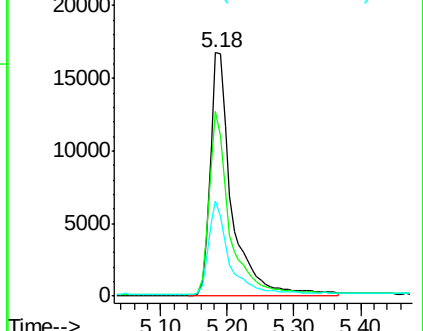
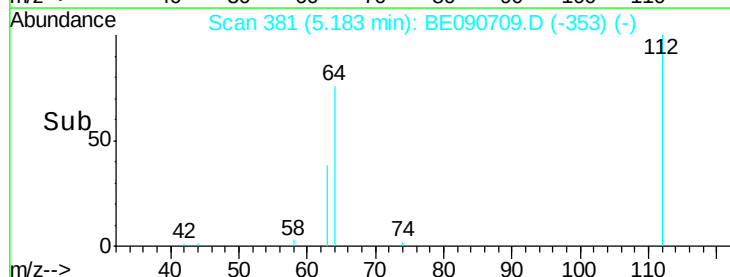
63 36.8 29.2 43.8

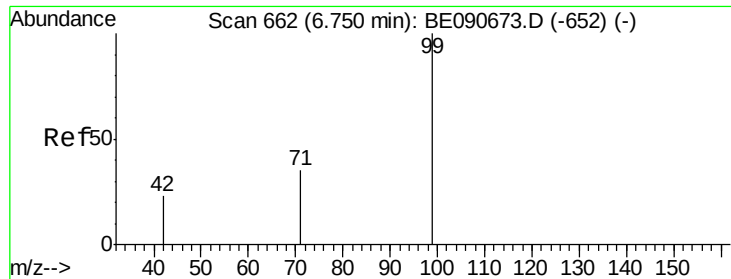


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 2.35 ng

RT: 6.75 min Scan# 662

Delta R.T. -0.01 min

Lab File: BE090709.D

Acq: 2 Sep 2015 18:00

Instrument :

BNA_E

ClientSampleId :

DUP02-082815

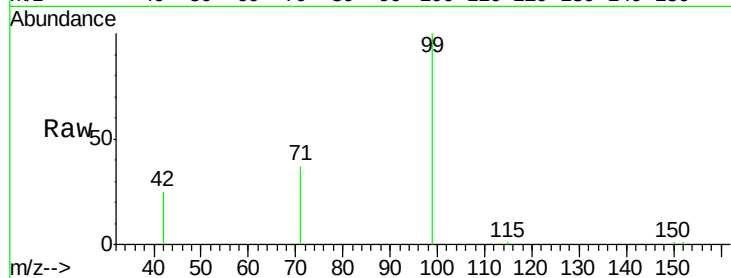
Tgt Ion: 99 Resp: 33037

Ion Ratio Lower Upper

99 100

42 21.5 16.8 25.2

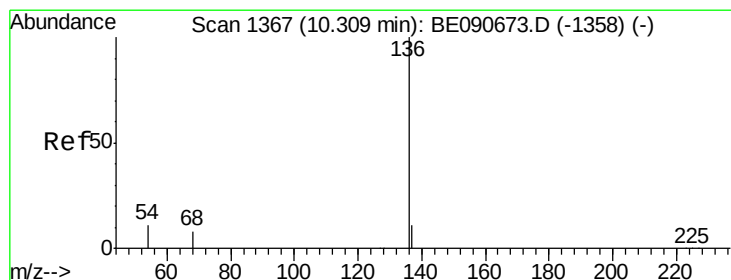
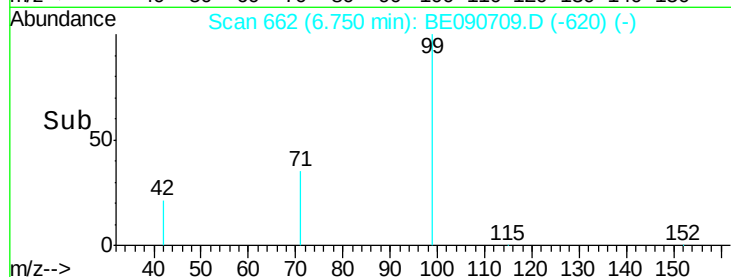
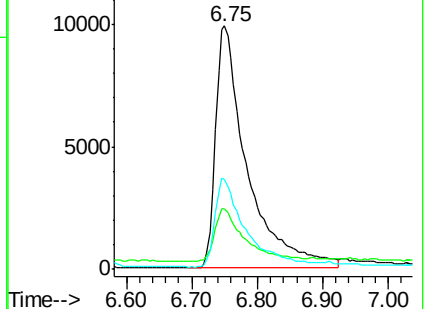
71 36.1 28.3 42.5



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

Naphthalene-d8

Concen: 5.00 ng

RT: 10.31 min Scan# 1367

Delta R.T. 0.00 min

Lab File: BE090709.D

Acq: 2 Sep 2015 18:00

Tgt Ion: 136 Resp: 244308

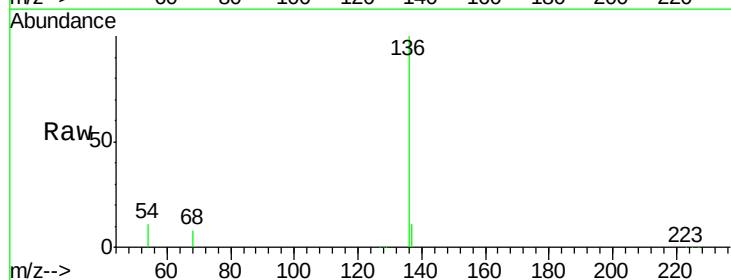
Ion Ratio Lower Upper

136 100

137 11.1 8.7 13.1

54 11.1 9.0 13.6

68 8.1 6.3 9.5

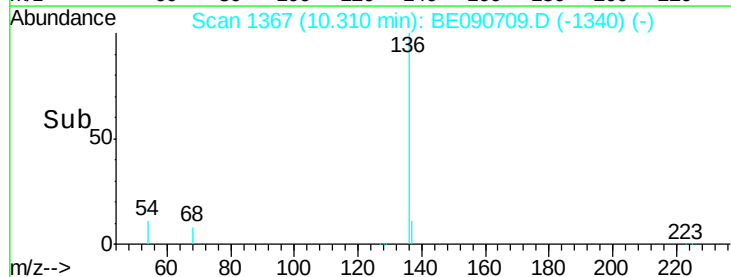
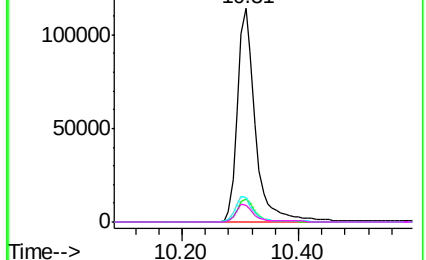


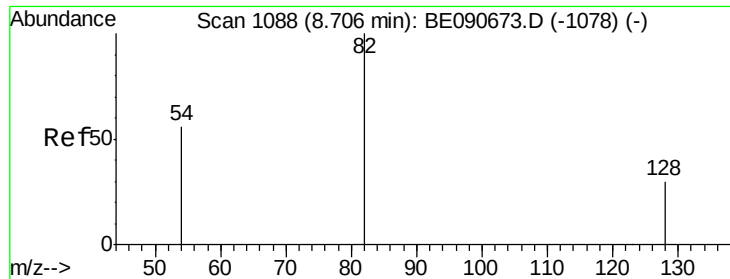
Abundance Ion 136.00 (135.70 to 136.70): E

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: 4.11 ng

RT: 8.70 min Scan# 1087

Delta R.T. -0.01 min

Lab File: BE090709.D

Acq: 2 Sep 2015 18:00

Instrument :

BNA_E

ClientSampleId :

DUP02-082815

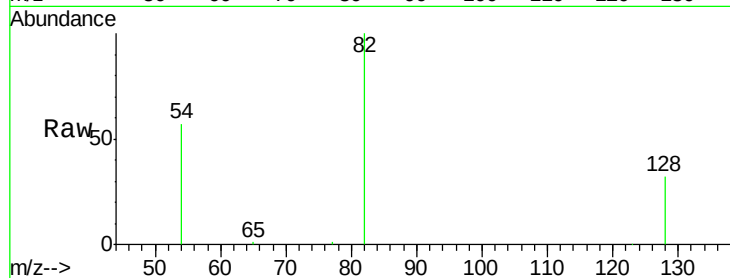
Tgt Ion: 82 Resp: 66400

Ion Ratio Lower Upper

82 100

128 31.5 25.0 37.4

54 56.9 46.3 69.5

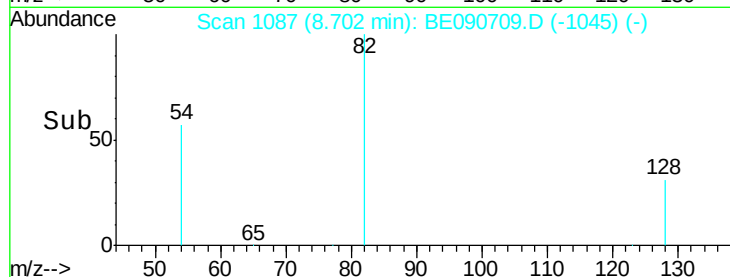


Abundance Ion 82.00 (81.70 to 82.70): BE0

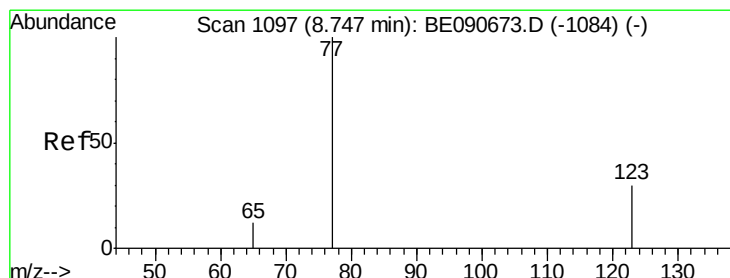
Ion 128.00 (127.70 to 128.70): BE0

Ion 54.00 (53.70 to 54.70): BE0

Time-->



Time-->



#8

Nitrobenzene

Concen: 0.11 ng

RT: 8.74 min Scan# 1096

Delta R.T. -0.00 min

Lab File: BE090709.D

Acq: 2 Sep 2015 18:00

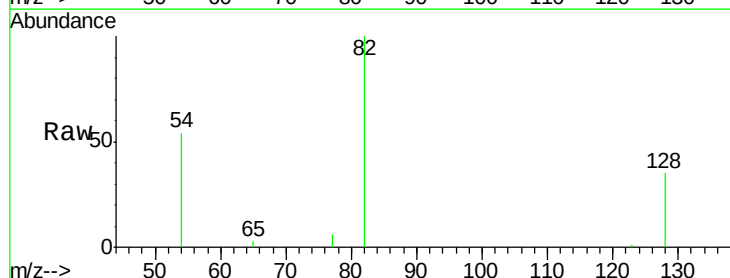
Tgt Ion: 77 Resp: 21

Ion Ratio Lower Upper

77 100

123 23.8 25.1 37.7#

65 71.4 9.9 14.9#

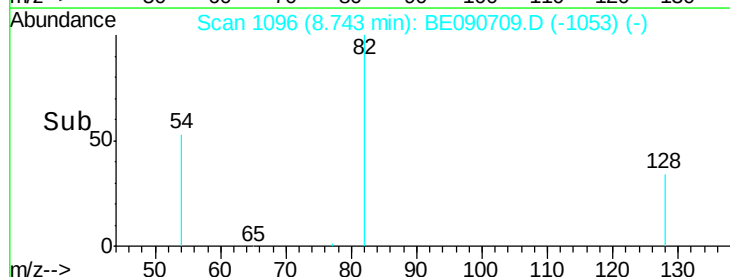


Abundance Ion 77.00 (76.70 to 77.70): BE0

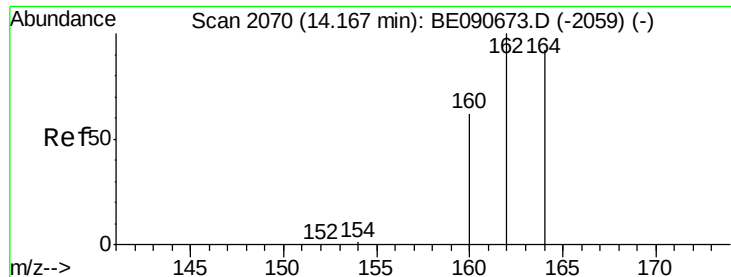
Ion 123.00 (122.70 to 123.70): BE0

Ion 65.00 (64.70 to 65.70): BE0

Time-->



Time-->



#12

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.17 min Scan# 2070

Delta R.T. 0.00 min

Lab File: BE090709.D

Acq: 2 Sep 2015 18:00

Instrument :

BNA_E

ClientSampleId :

DUP02-082815

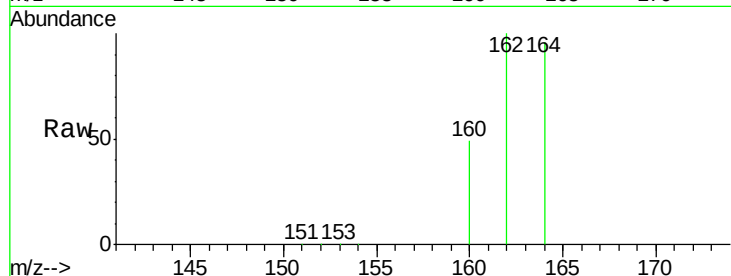
Tgt Ion:164 Resp: 138625

Ion Ratio Lower Upper

164 100

162 103.8 86.8 130.2

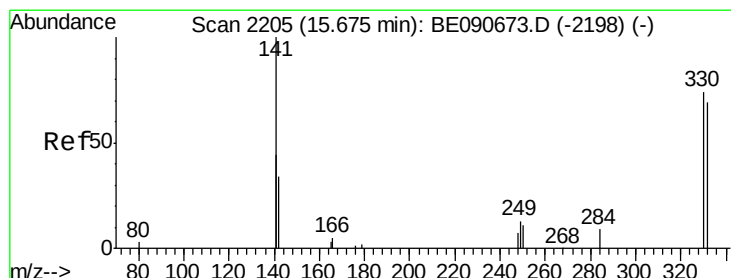
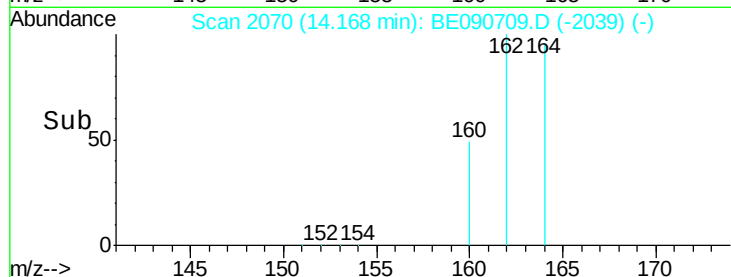
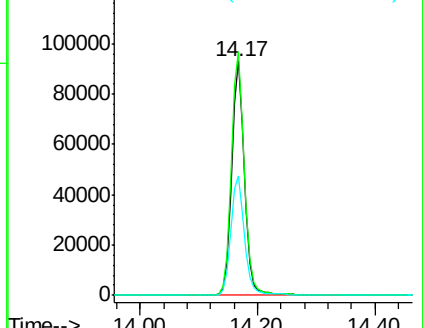
160 50.9 53.9 80.9#



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: 14.72 ng

RT: 15.67 min Scan# 2204

Delta R.T. -0.00 min

Lab File: BE090709.D

Acq: 2 Sep 2015 18:00

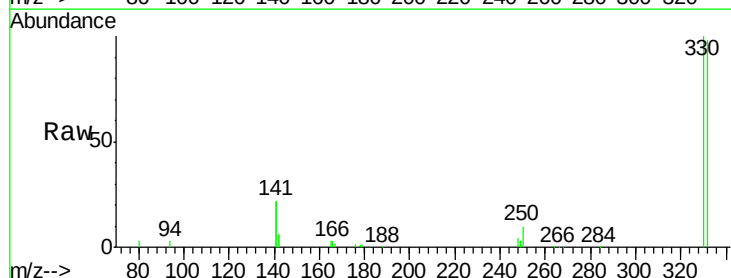
Tgt Ion:330 Resp: 60438

Ion Ratio Lower Upper

330 100

332 95.6 74.9 112.3

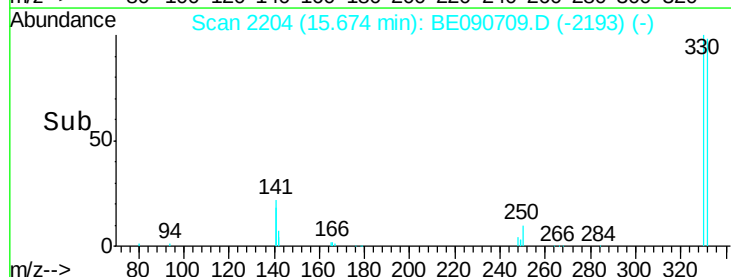
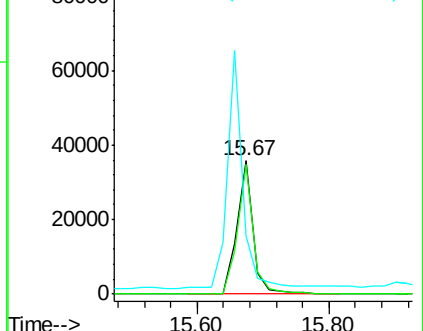
141 174.9 145.2 217.8

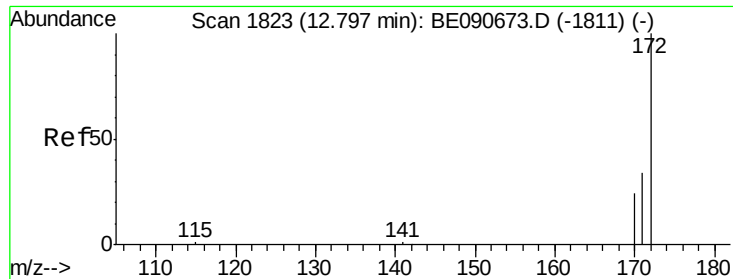


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

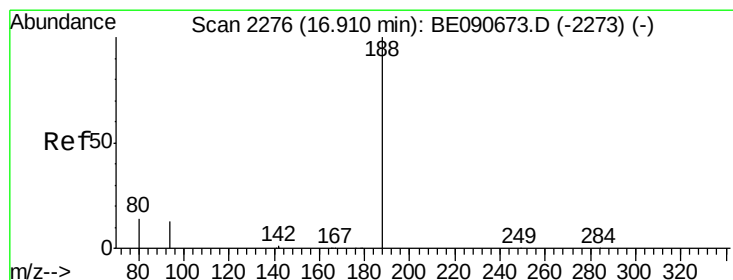
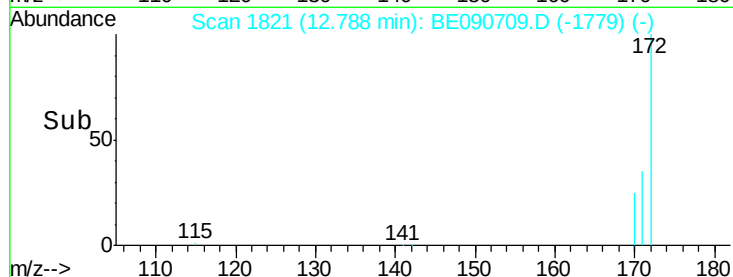
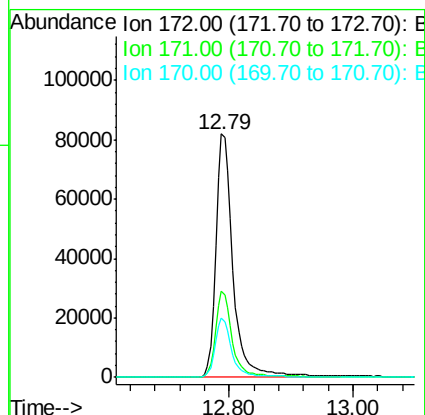
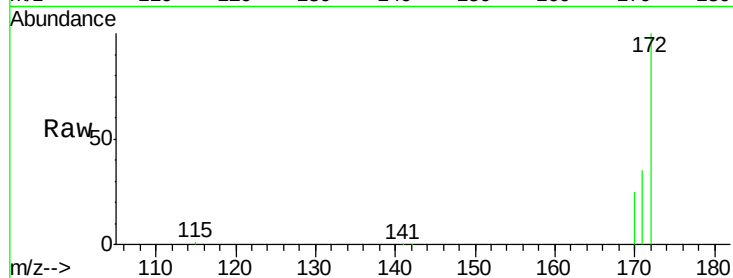




#14
2-Fluorobiphenyl
Concen: 4.11 ng
RT: 12.79 min Scan# 1821
Delta R.T. -0.01 min
Lab File: BE090709.D
Acq: 2 Sep 2015 18:00

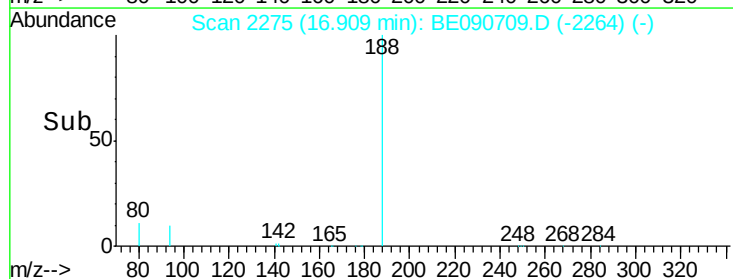
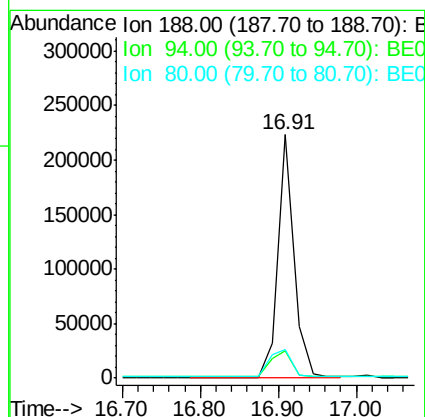
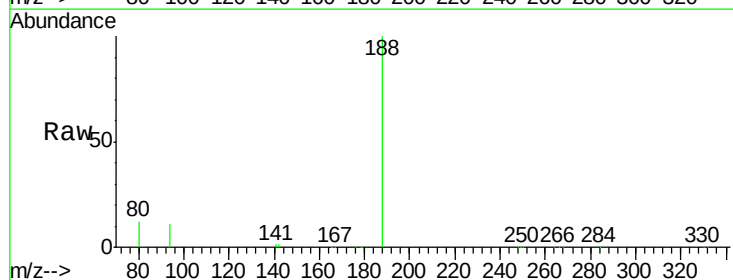
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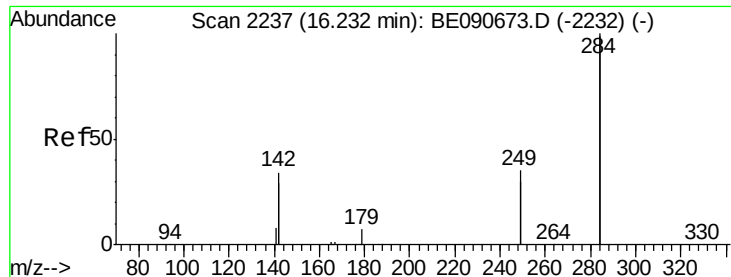
Tgt Ion:172 Resp: 157800
Ion Ratio Lower Upper
172 100
171 35.3 27.8 41.8
170 24.6 19.8 29.6



#18
Phenanthrene-d10
Concen: 5.00 ng
RT: 16.91 min Scan# 2275
Delta R.T. -0.00 min
Lab File: BE090709.D
Acq: 2 Sep 2015 18:00

Tgt Ion:188 Resp: 322739
Ion Ratio Lower Upper
188 100
94 11.0 10.3 15.5
80 11.6 11.0 16.6





#20

Hexachlorobenzene

Concen: Below Cal

RT: 16.23 min Scan# 2236

Delta R.T. -0.00 min

Lab File: BE090709.D

Acq: 2 Sep 2015 18:00

Instrument :

BNA_E

ClientSampleId :

DUP02-082815

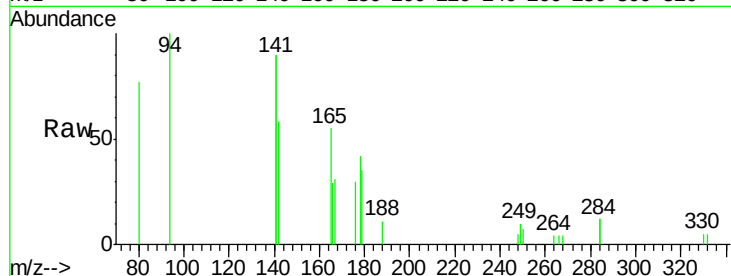
Tgt Ion:284 Resp: 230

Ion Ratio Lower Upper

284 100

142 850.4 35.0 52.4#

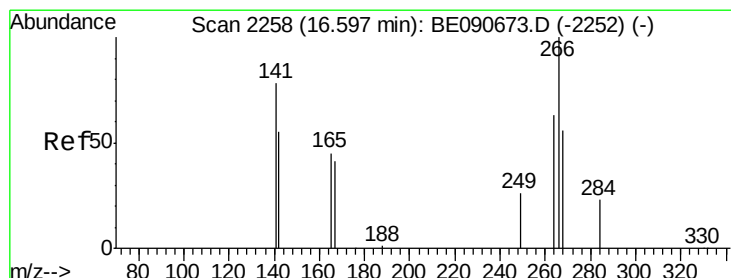
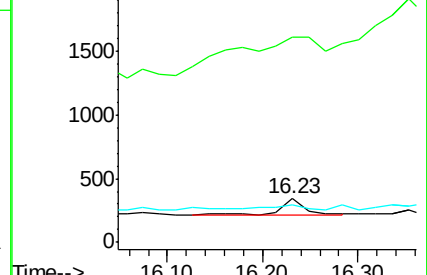
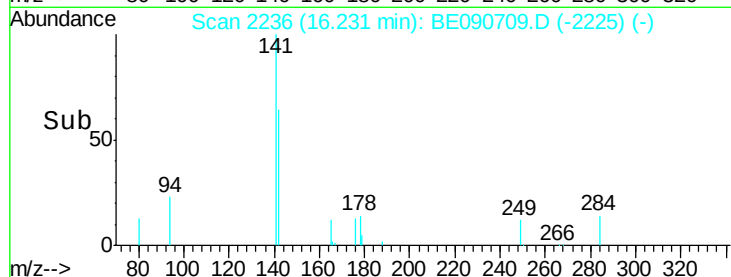
249 53.9 25.5 38.3#



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#21

Pentachlorophenol

Concen: 0.48 ng

RT: 16.58 min Scan# 2256

Delta R.T. -0.02 min

Lab File: BE090709.D

Acq: 2 Sep 2015 18:00

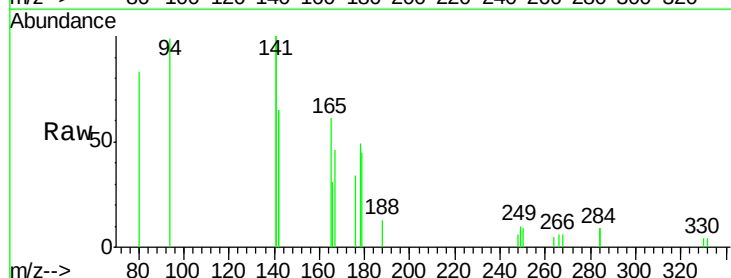
Tgt Ion:266 Resp: 87

Ion Ratio Lower Upper

266 100

268 90.2 49.6 74.4#

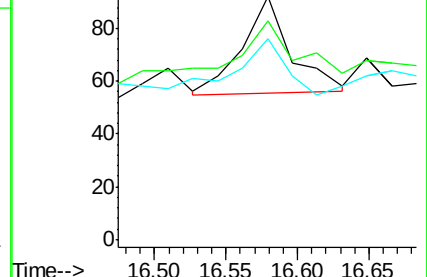
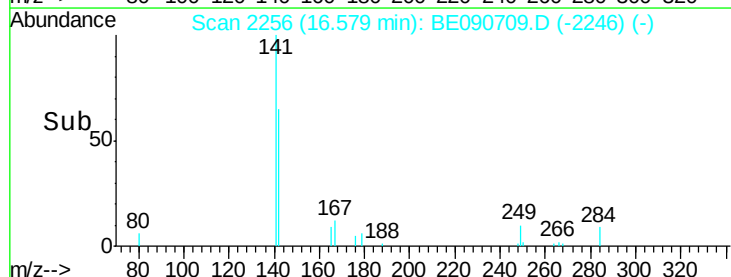
264 82.6 53.9 80.9#

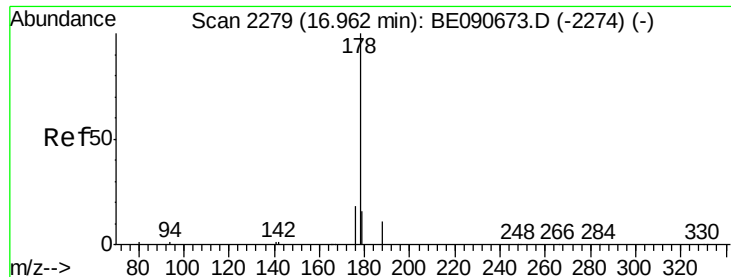


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#22

Phenanthrene

Concen: 0.03 ng

RT: 16.94 min Scan# 2277

Delta R.T. -0.00 min

Lab File: BE090709.D

Acq: 2 Sep 2015 18:00

Instrument :

BNA_E

ClientSampleId :

DUP02-082815

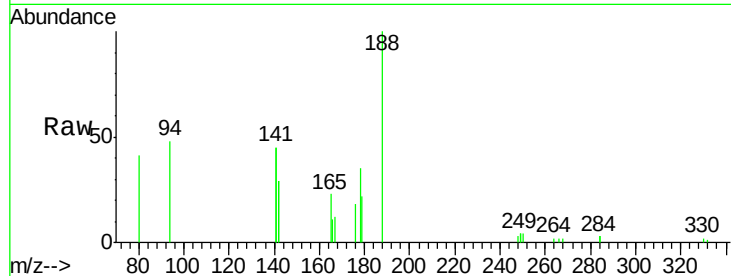
Tgt Ion:178 Resp: 2318

Ion Ratio Lower Upper

178 100

176 47.0 15.6 23.4#

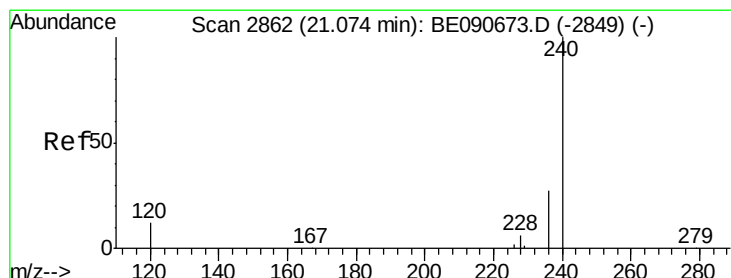
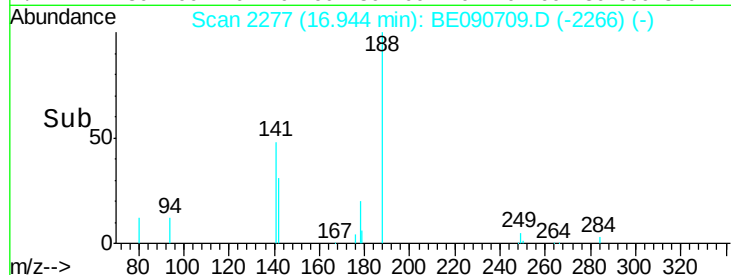
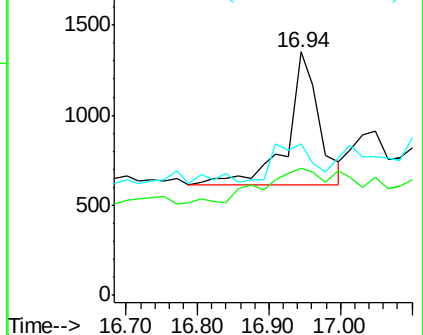
179 36.3 12.8 19.2#



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



#25

Chrysene-d12

Concen: 5.00 ng

RT: 21.07 min Scan# 2860

Delta R.T. -0.00 min

Lab File: BE090709.D

Acq: 2 Sep 2015 18:00

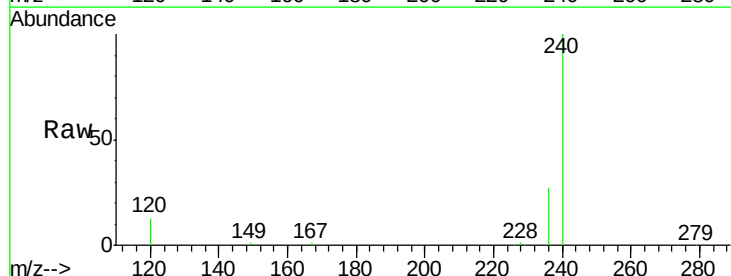
Tgt Ion:240 Resp: 371809

Ion Ratio Lower Upper

240 100

120 13.2 10.1 15.1

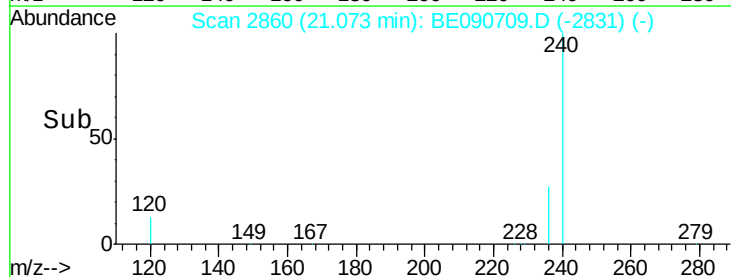
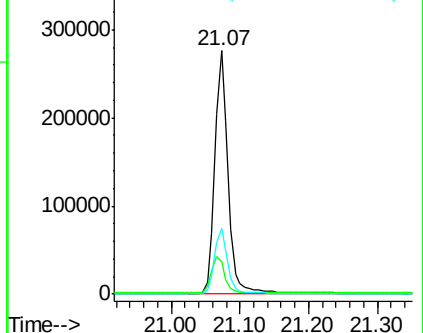
236 27.0 21.9 32.9

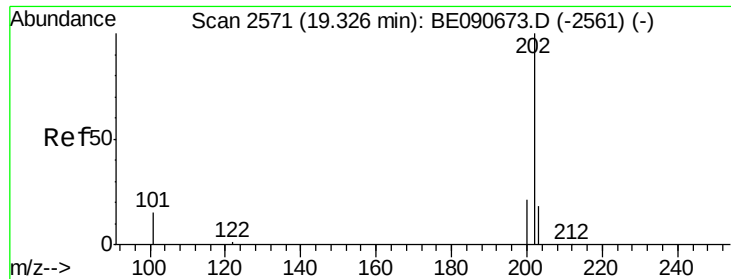


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

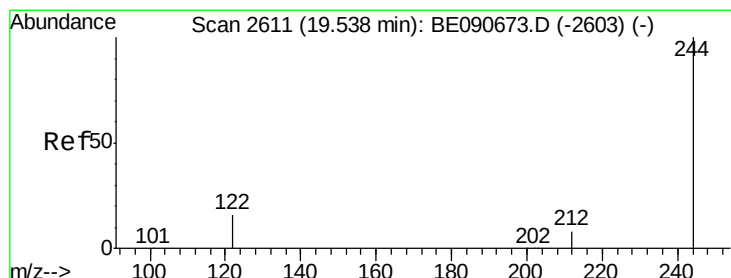
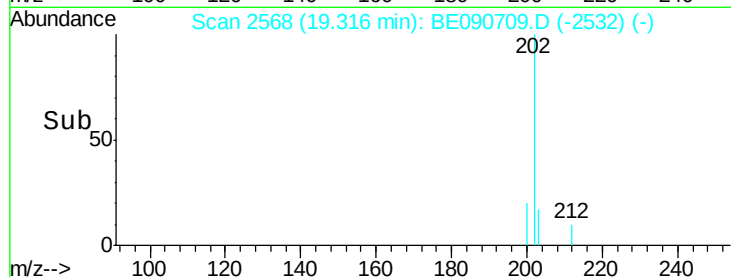
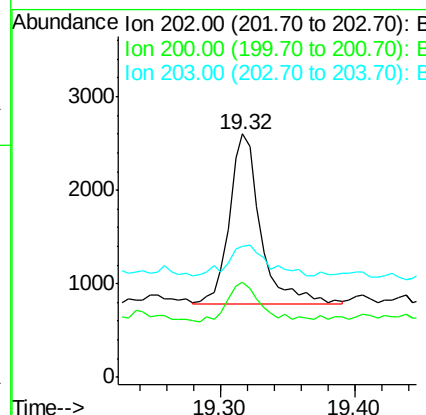
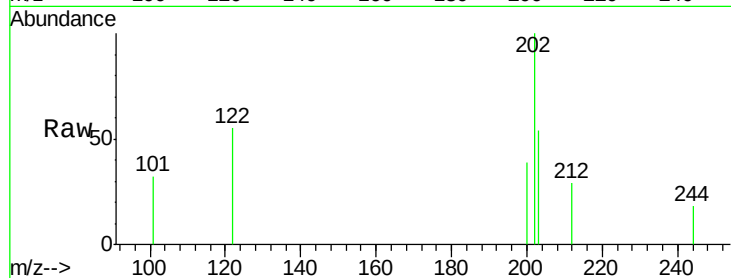




#26
 Pyrene
 Concen: 0.04 ng
 RT: 19.32 min Scan# 2568
 Delta R.T. -0.01 min
 Lab File: BE090709.D
 Acq: 2 Sep 2015 18:00

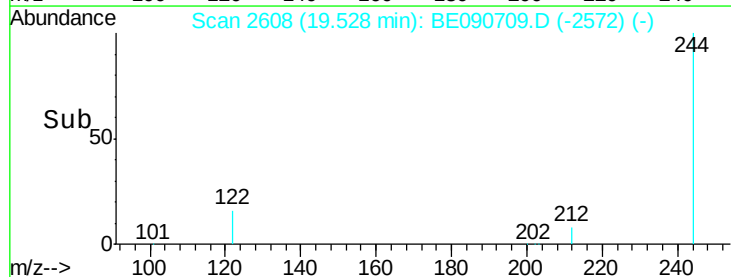
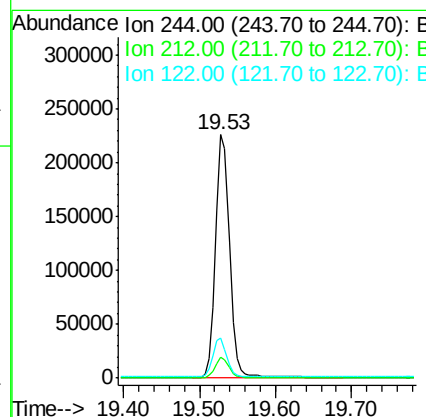
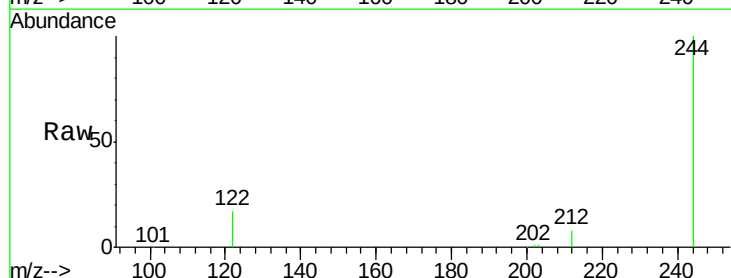
Instrument :
 BNA_E
 ClientSampleId :
 DUP02-082815

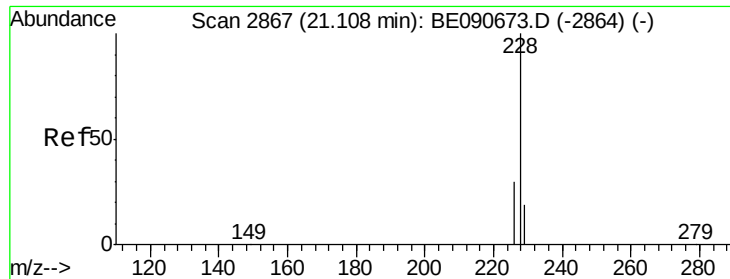
Tgt Ion: 202 Resp: 2921
 Ion Ratio Lower Upper
 202 100
 200 25.6 16.7 25.1#
 203 22.0 13.8 20.6#



#27
 Terphenyl-d14
 Concen: 7.01 ng
 RT: 19.53 min Scan# 2608
 Delta R.T. -0.01 min
 Lab File: BE090709.D
 Acq: 2 Sep 2015 18:00

Tgt Ion: 244 Resp: 288432
 Ion Ratio Lower Upper
 244 100
 212 8.4 6.9 10.3
 122 16.5 12.9 19.3





#29

Chrysene

Concen: Below Cal

RT: 21.11 min Scan# 2865

Delta R.T. -0.00 min

Lab File: BE090709.D

Acq: 2 Sep 2015 18:00

Instrument :

BNA_E

ClientSampleId :

DUP02-082815

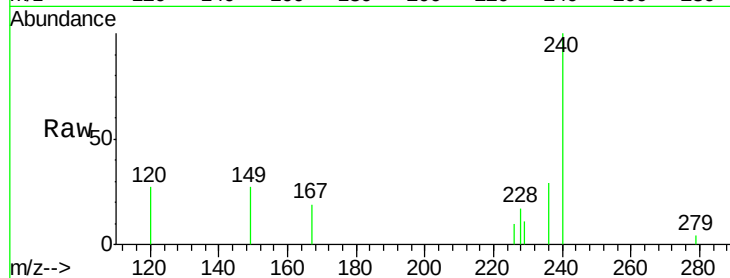
Tgt Ion:228 Resp: 1208

Ion Ratio Lower Upper

228 100

226 59.5 24.2 36.4#

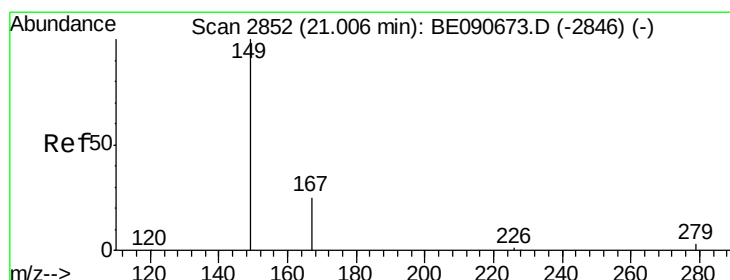
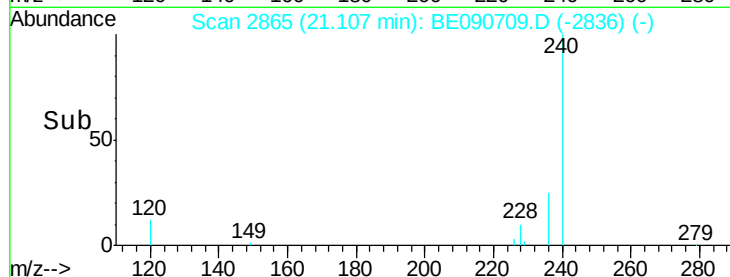
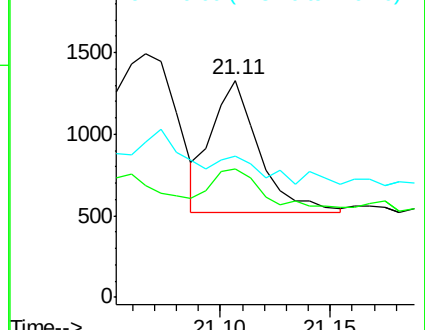
229 65.4 15.3 22.9#



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



#30

Bis(2-ethylhexyl)phthalate

Concen: 0.57 ng

RT: 21.01 min Scan# 2850

Delta R.T. -0.00 min

Lab File: BE090709.D

Acq: 2 Sep 2015 18:00

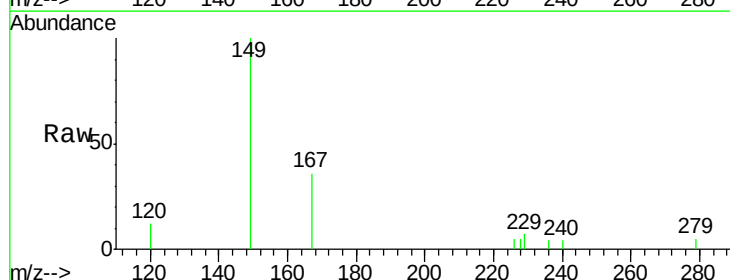
Tgt Ion:149 Resp: 11119

Ion Ratio Lower Upper

149 100

167 28.5 20.1 30.1

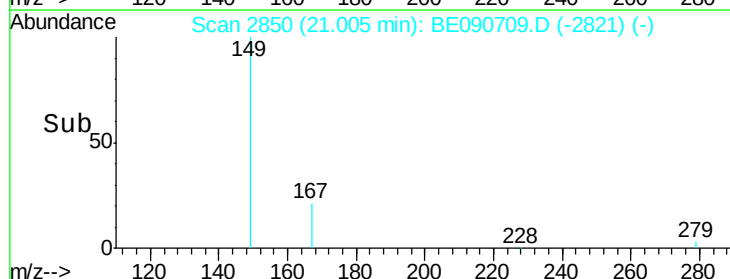
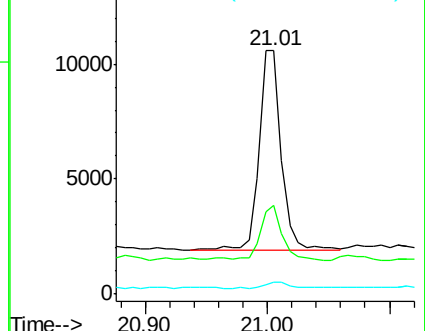
279 3.8 2.3 3.5#

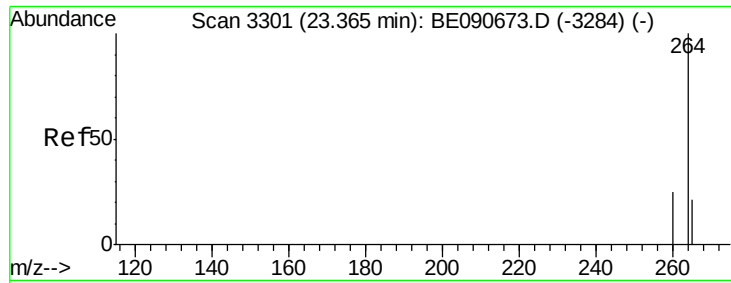


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

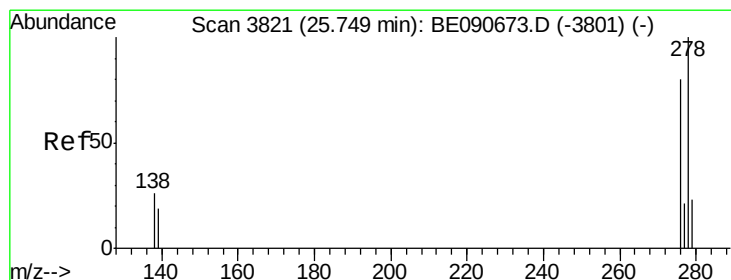
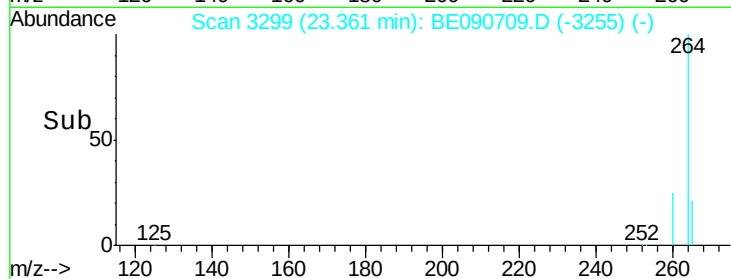
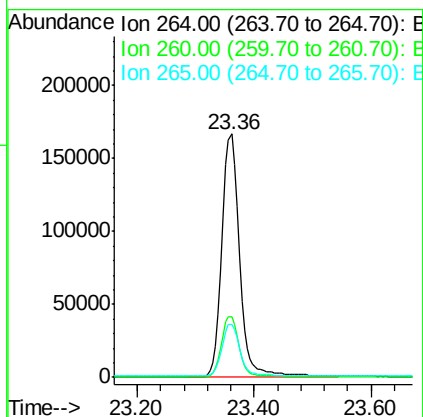
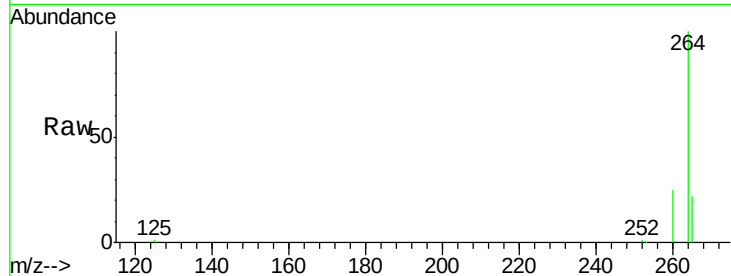




#32
Perylene-d12
 Concen: 5.00 ng
 RT: 23.36 min Scan# 3299
 Delta R.T. 0.00 min
 Lab File: BE090709.D
 Acq: 2 Sep 2015 18:00

Instrument :
 BNA_E
 ClientSampleId :
 DUP02-082815

Tgt Ion: 264 Resp: 349316
 Ion Ratio Lower Upper
 264 100
 260 24.8 19.7 29.5
 265 21.8 17.5 26.3



#36
Dibenzo(a,h)anthracene
 Concen: 0.14 ng
 RT: 25.73 min Scan# 3816
 Delta R.T. -0.01 min
 Lab File: BE090709.D
 Acq: 2 Sep 2015 18:00

Tgt Ion: 278 Resp: 134
 Ion Ratio Lower Upper
 278 100
 139 151.1 15.4 23.0#
 279 86.7 18.8 28.2#

