

Data Path : Z:\HPCHEM1\BNA E\DATA\BE081115\
 Data File : BE090456.D
 Acq On : 12 Aug 2015 8:13
 Operator : UM/IZ
 Sample : G3136-08
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Aug 12 11:24:40 2015
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE080515.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 06 12:28:08 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.58	152	19993	5.00	ng	0.00
6) Naphthalene-d8	10.34	136	92540	5.00	ng	0.00
12) Acenaphthene-d10	14.19	164	52935	5.00	ng	0.00
18) Phenanthrene-d10	16.94	188	123971	5.00	ng	0.00
25) Chrysene-d12	21.09	240	144382	5.00	ng	0.00
32) Perylene-d12	23.40	264	128867	5.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.22	112	14176	4.73	ng	0.00
5) Phenol-d6	6.77	99	13625	2.28	ng	0.00
7) Nitrobenzene-d5	8.73	82	27709	3.73	ng	0.00
13) 2,4,6-Tribromophenol	15.71	330	17043	9.60	ng	0.00
14) 2-Fluorobiphenyl	12.82	172	66835	4.59	ng	0.00
27) Terphenyl-d14	19.55	244	128212	6.03	ng	-0.01

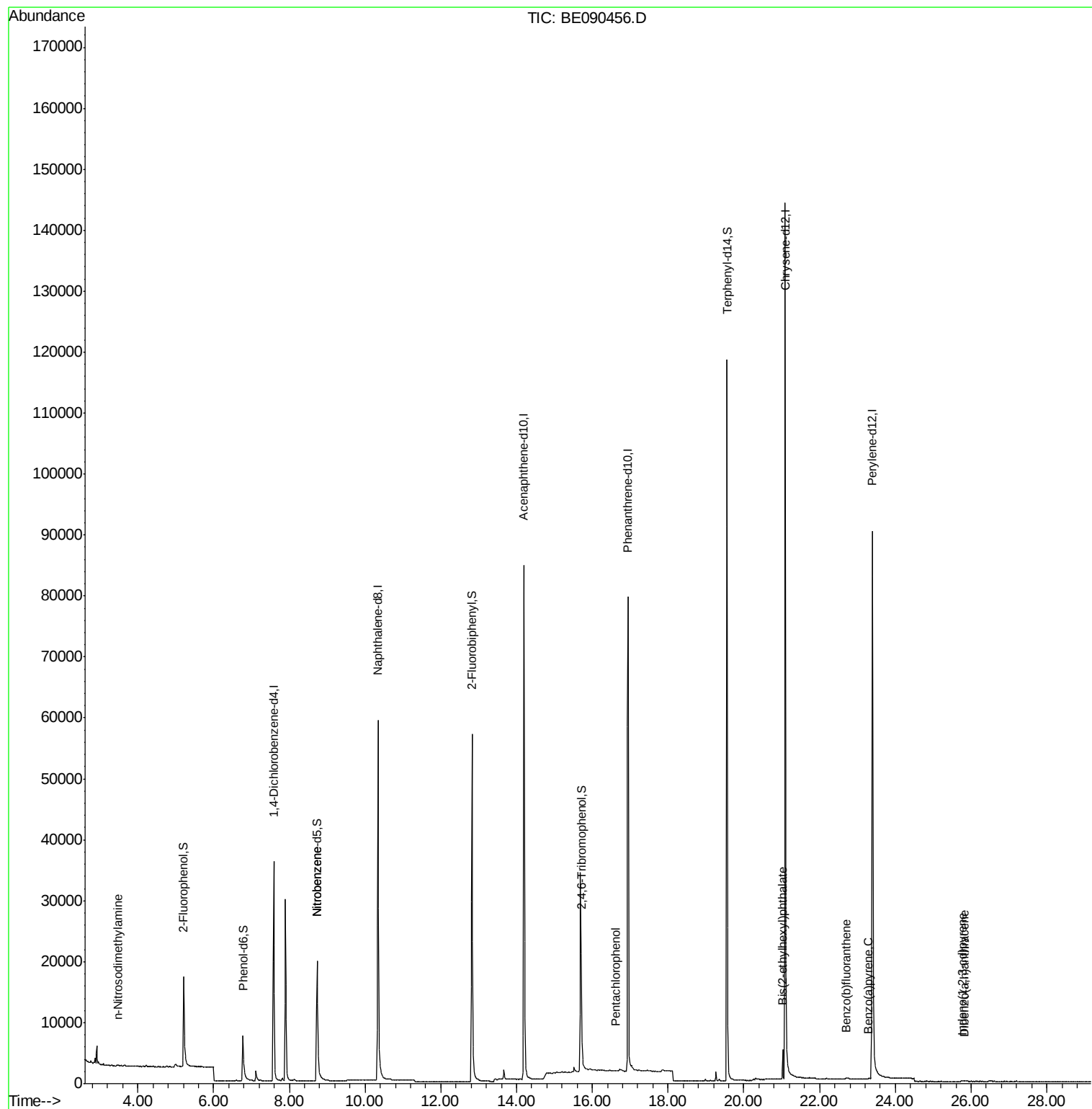
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) n-Nitrosodimethylamine	3.46	42	104	0.03	ng	# 1
8) Nitrobenzene	8.73	77	71	0.22	ng	# 54
10) Hexachlorobutadiene	10.70	225	3	Below Cal		# 57
21) Pentachlorophenol	16.61	266	39	0.14	ng	# 68
30) Bis(2-ethylhexyl)phthalate	21.03	149	4079	0.62	ng	# 98
31) Indeno(1,2,3-cd)pyrene	25.78	276	224	0.26	ng	# 71
33) Benzo(b)fluoranthene	22.70	252	243	0.20	ng	# 1
35) Benzo(a)pyrene	23.29	252	155	0.23	ng	# 1
36) Dibenzo(a,h)anthracene	25.82	278	172	0.29	ng	# 1

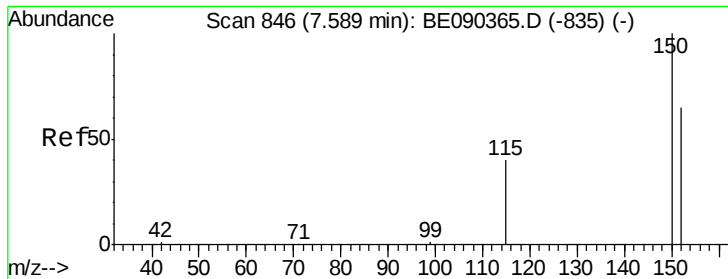
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Aug 06 12:28:08 2015
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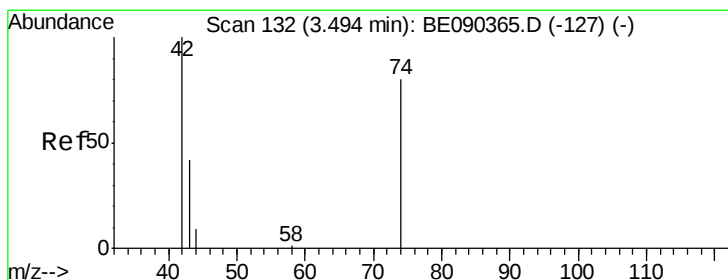
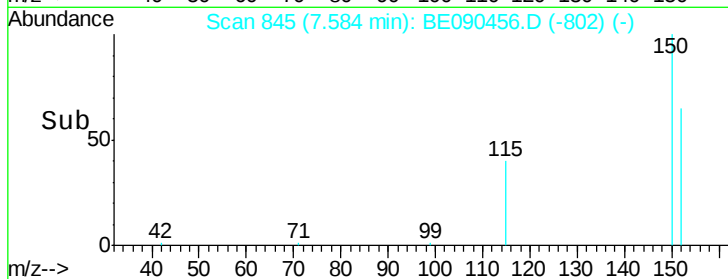
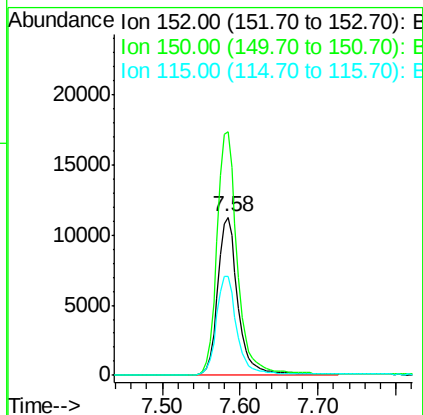
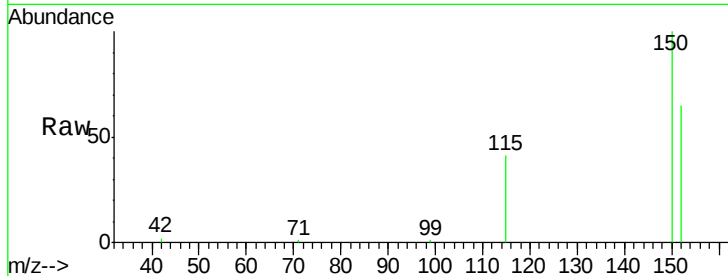


#1

1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.58 min Scan# 845
Delta R.T. -0.00 min
Lab File: BE090456.D
Acq: 12 Aug 2015 8:13

Instrument :
BNA_E
ClientSampleId :

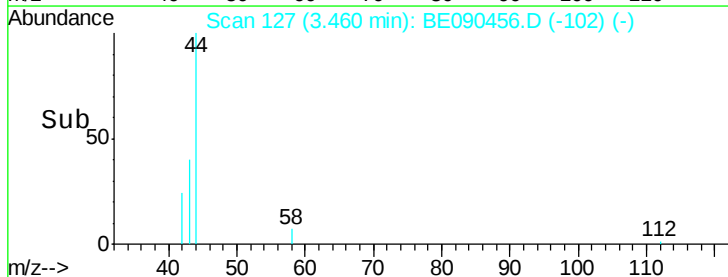
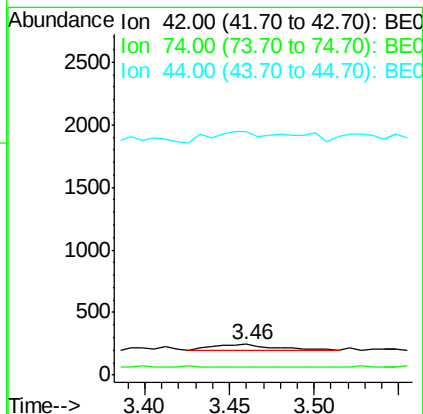
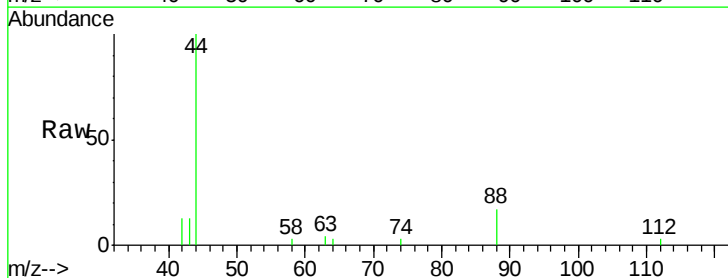
Tot Ion:152 Resp: 19993
Ion Ratio Lower Upper
152 100
150 154.3 123.0 184.4
115 62.8 48.9 73.3

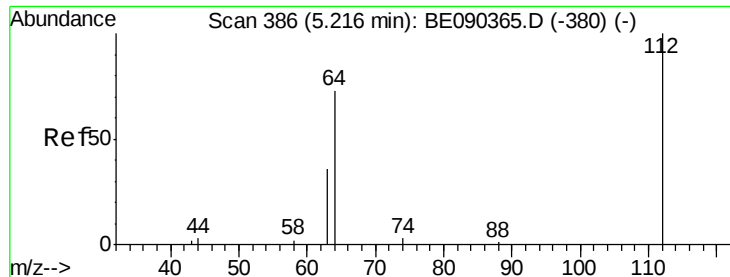


#3

n-Nitrosodimethylamine
Concen: 0.03 ng
RT: 3.46 min Scan# 127
Delta R.T. -0.03 min
Lab File: BE090456.D
Acq: 12 Aug 2015 8:13

Tgt Ion: 42 Resp: 104
Ion Ratio Lower Upper
42 100
74 0.0 75.2 112.8#
44 177.9 8.7 13.1#





#4

2-Fluorophenol

Concen: 4.73 ng

RT: 5.22 min Scan# 386

Delta R.T. 0.00 min

Lab File: BE090456.D

Acq: 12 Aug 2015 8:13

Instrument :

BNA_E

ClientSampleId :

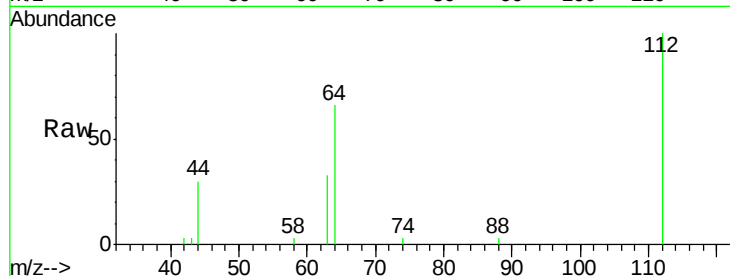
Tot Ion:112 Resp: 14176

Ion Ratio Lower Upper

112 100

64 70.9 37.1 55.7#

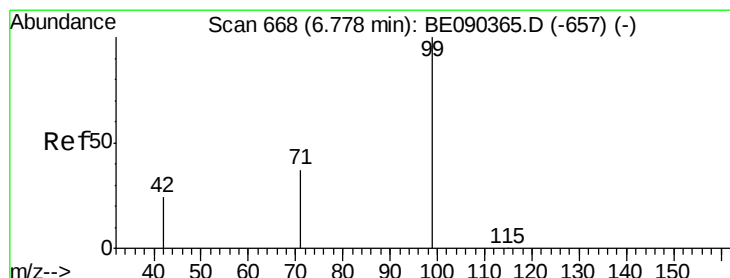
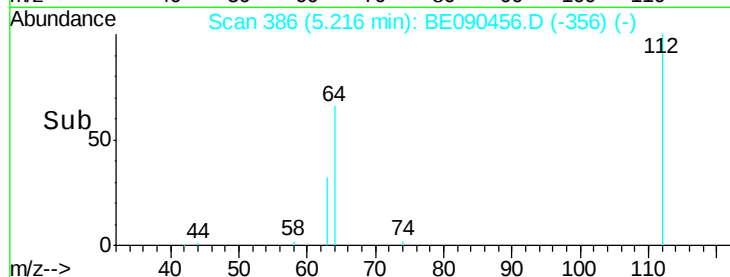
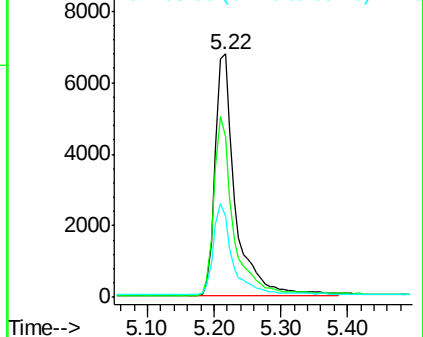
63 36.2 19.5 29.3#



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: 2.28 ng

RT: 6.77 min Scan# 666

Delta R.T. -0.01 min

Lab File: BE090456.D

Acq: 12 Aug 2015 8:13

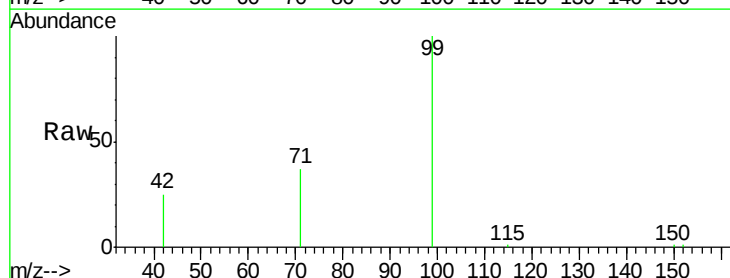
Tgt Ion: 99 Resp: 13625

Ion Ratio Lower Upper

99 100

42 21.8 18.2 27.4

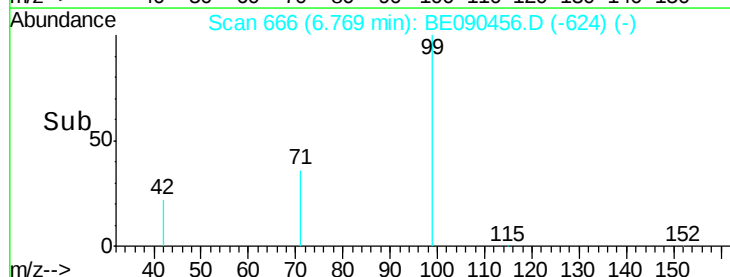
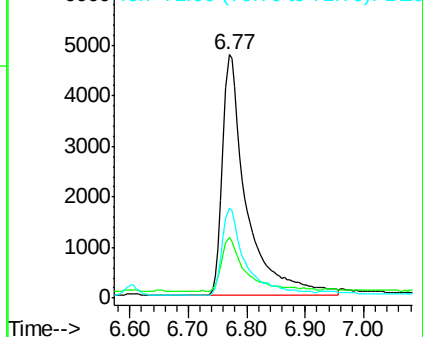
71 35.3 27.4 41.0

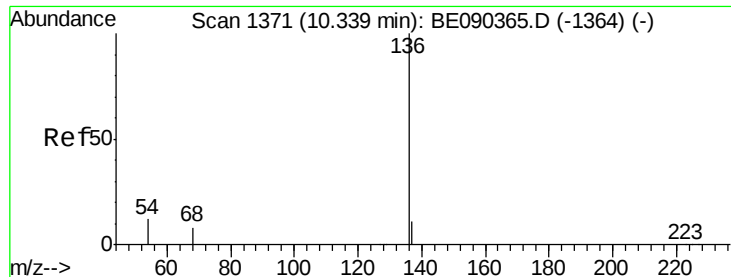


Abundance Ion 99.00 (98.70 to 99.70): BE0

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: 10.34 min Scan# 1371

Delta R.T. 0.00 min

Lab File: BE090456.D

Acq: 12 Aug 2015 8:13

Instrument :

BNA_E

ClientSampleId :

Tot Ion:136 Resp: 92540

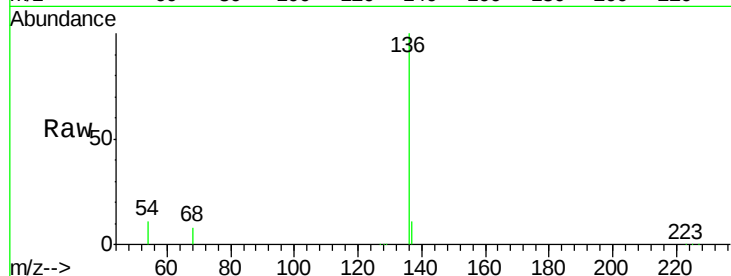
Ion Ratio Lower Upper

136 100

137 10.9 8.7 13.1

54 11.3 9.4 14.0

68 8.2 6.5 9.7

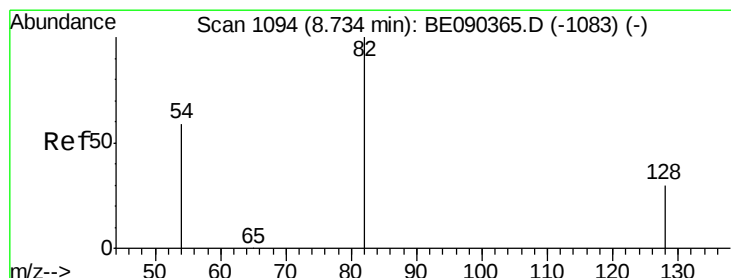
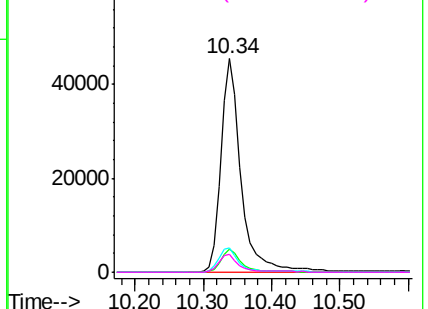
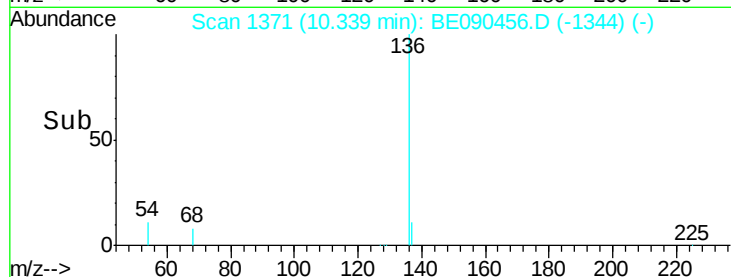


Abundance Ion 136.00 (135.70 to 136.70): E

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: 3.73 ng

RT: 8.73 min Scan# 1093

Delta R.T. -0.00 min

Lab File: BE090456.D

Acq: 12 Aug 2015 8:13

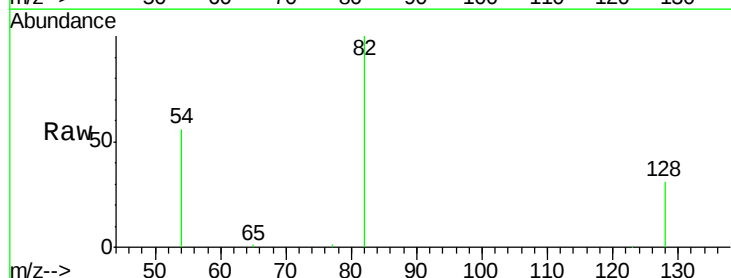
Tgt Ion: 82 Resp: 27709

Ion Ratio Lower Upper

82 100

128 30.8 25.0 37.6

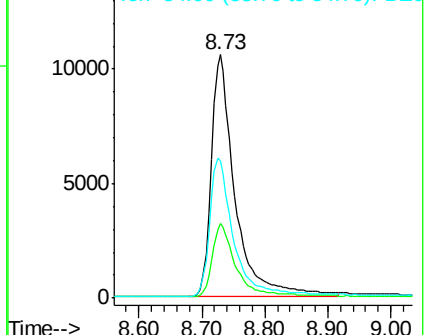
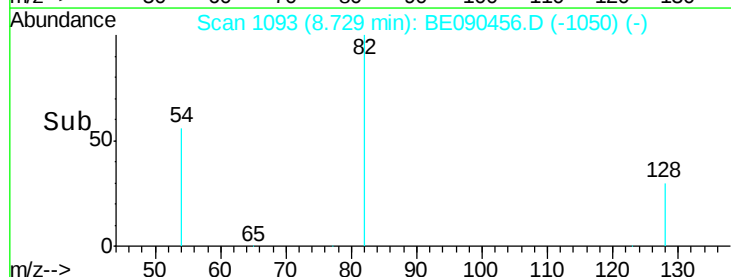
54 56.2 48.8 73.2

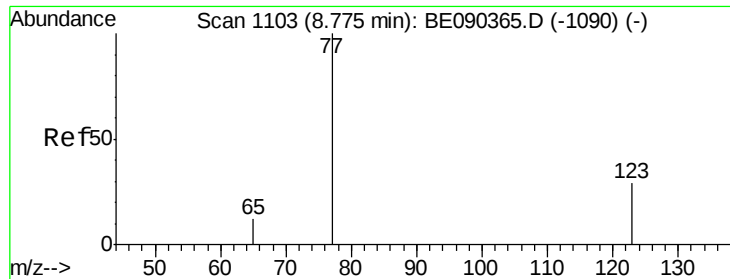


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#8

Nitrobenzene

Concen: 0.22 ng

RT: 8.73 min Scan# 1094

Delta R.T. -0.04 min

Lab File: BE090456.D

Acq: 12 Aug 2015 8:13

Instrument :

BNA_E

ClientSampleId :

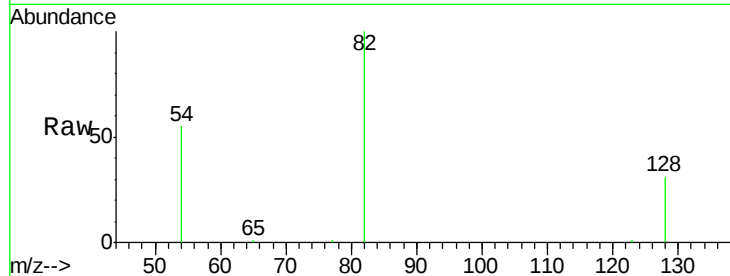
Tot Ion: 77 Resp: 71

Ion Ratio Lower Upper

77 100

123 2.8 25.1 37.7#

65 0.0 9.3 13.9#

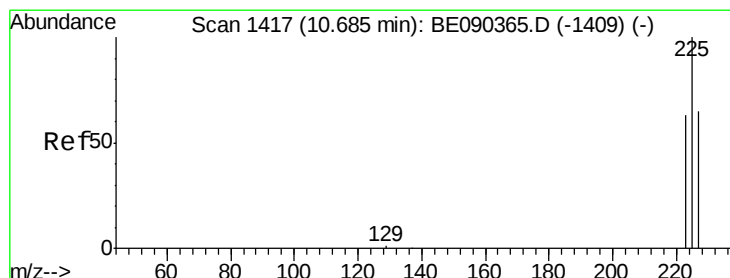
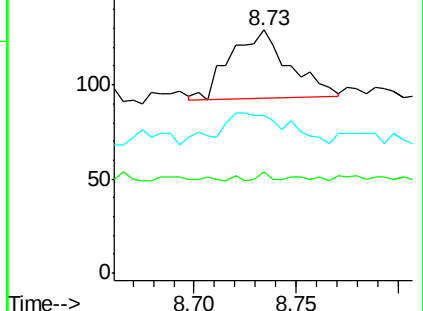
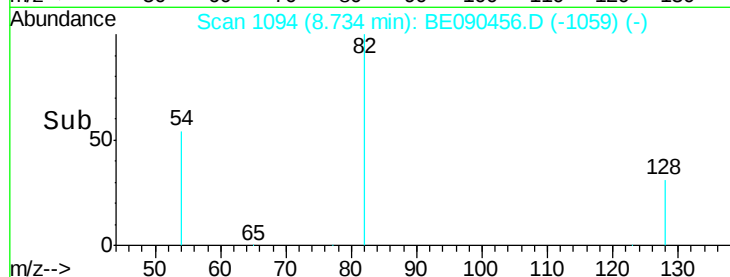


Abundance Ion 77.00 (76.70 to 77.70): BE090365.D (-1090) (-)

Ion 123.00 (122.70 to 123.70): BE090365.D (-1090) (-)

Ion 65.00 (64.70 to 65.70): BE090365.D (-1090) (-)

Time-->



#10

Hexachlorobutadiene

Concen: Below Cal

RT: 10.70 min Scan# 1419

Delta R.T. 0.02 min

Lab File: BE090456.D

Acq: 12 Aug 2015 8:13

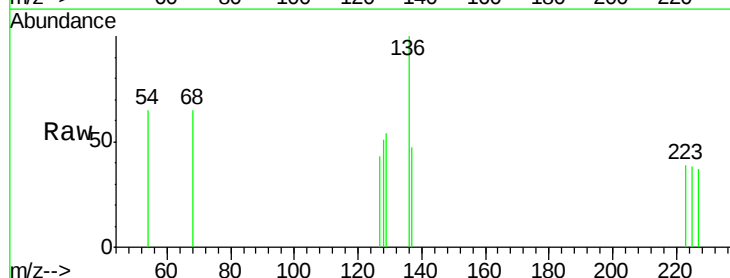
Tgt Ion: 225 Resp: 3

Ion Ratio Lower Upper

225 100

223 0.0 50.6 75.8#

227 66.7 50.7 76.1

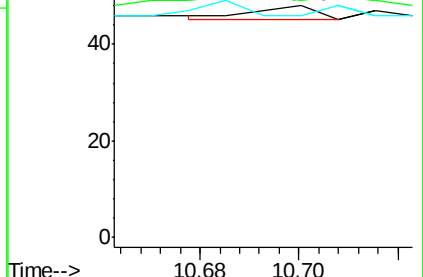
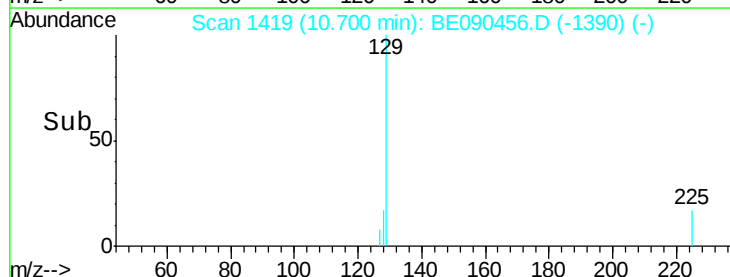


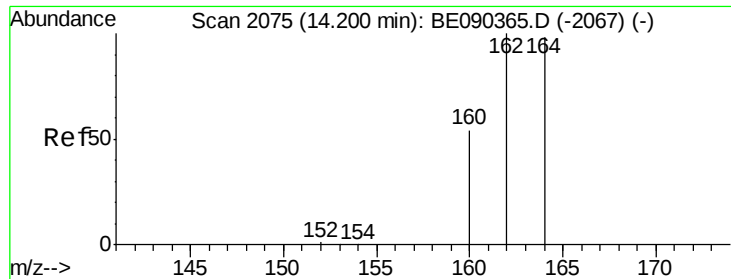
Abundance Ion 225.00 (224.70 to 225.70): BE090365.D (-1409) (-)

Ion 223.00 (222.70 to 223.70): BE090365.D (-1409) (-)

Ion 227.00 (226.70 to 227.70): BE090365.D (-1409) (-)

Time-->





#12

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.19 min Scan# 2074

Delta R.T. -0.01 min

Lab File: BE090456.D

Acq: 12 Aug 2015 8:13

Instrument :

BNA_E

ClientSampled :

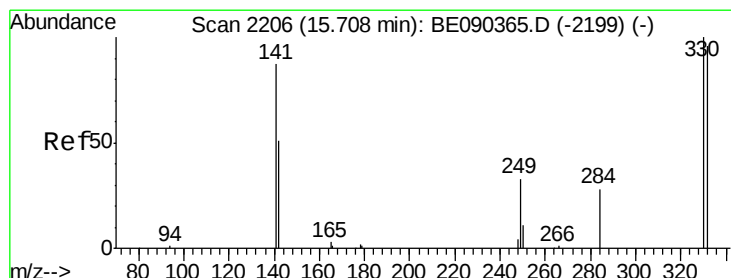
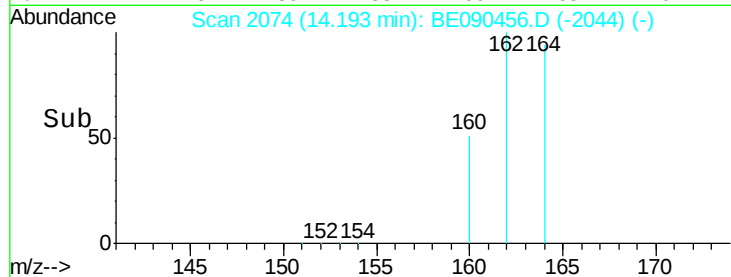
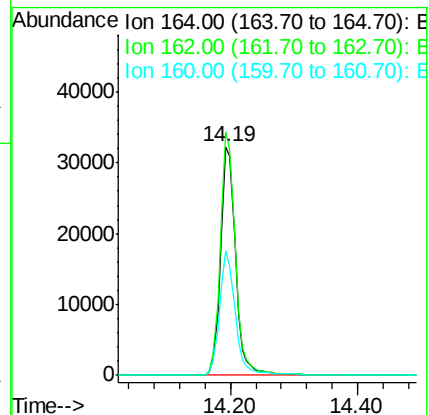
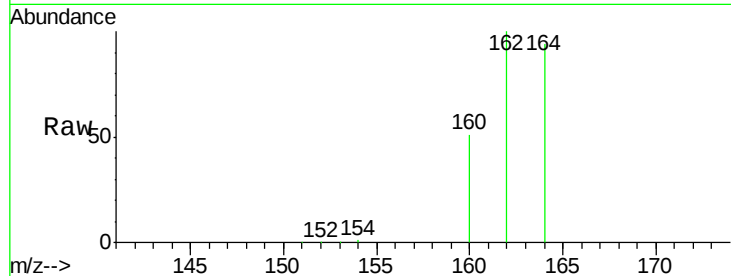
Tot Ion:164 Resp: 52935

Ion Ratio Lower Upper

164 100

162 106.4 81.8 122.8

160 54.7 44.2 66.4



#13

2,4,6-Tribromophenol

Concen: 9.60 ng

RT: 15.71 min Scan# 2206

Delta R.T. 0.00 min

Lab File: BE090456.D

Acq: 12 Aug 2015 8:13

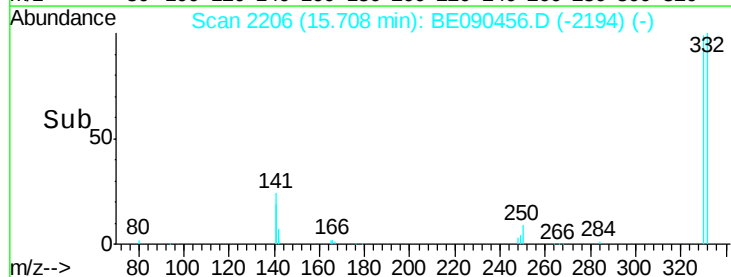
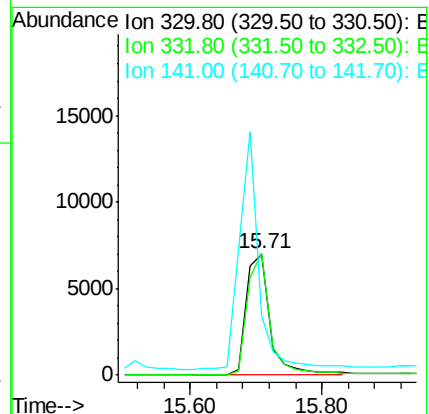
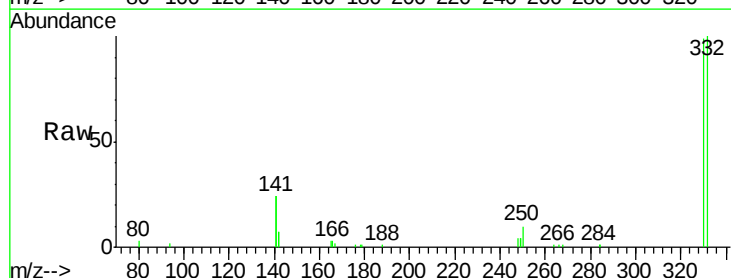
Tgt Ion:330 Resp: 17043

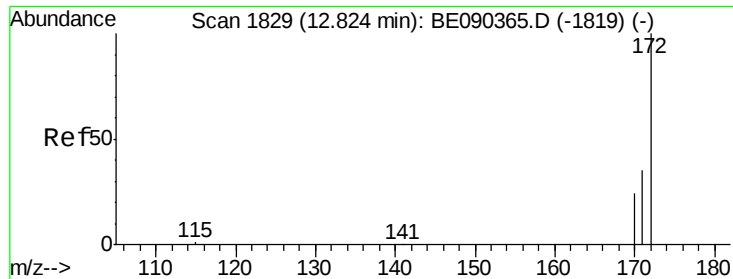
Ion Ratio Lower Upper

330 100

332 96.2 75.8 113.6

141 162.8 114.4 171.6

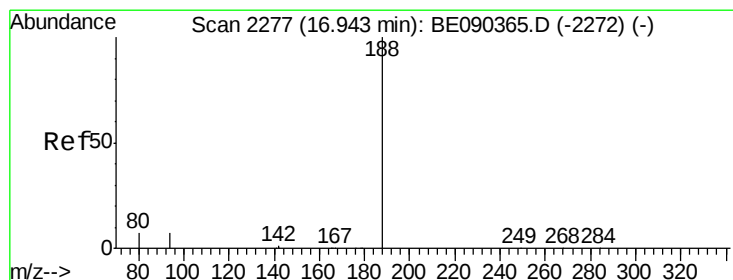
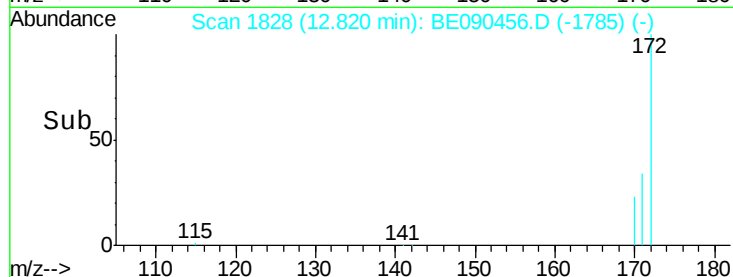
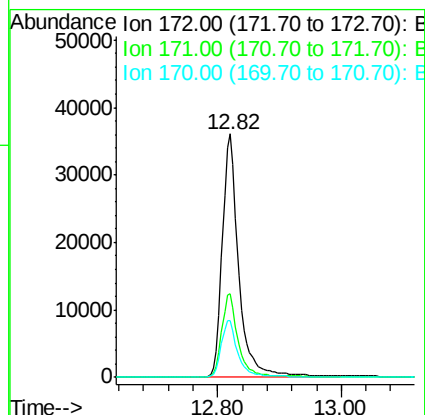
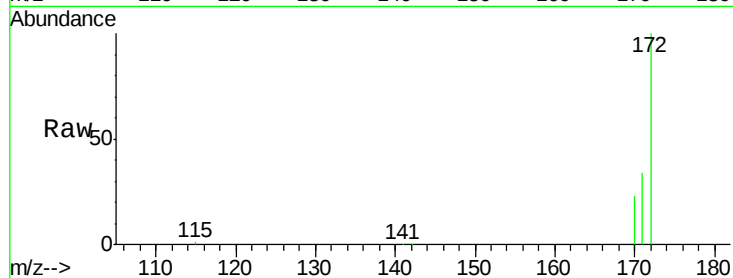




#14
2-Fluorobiphenyl
Concen: 4.59 ng
RT: 12.82 min Scan# 1828
Delta R.T. -0.00 min
Lab File: BE090456.D
Acq: 12 Aug 2015 8:13

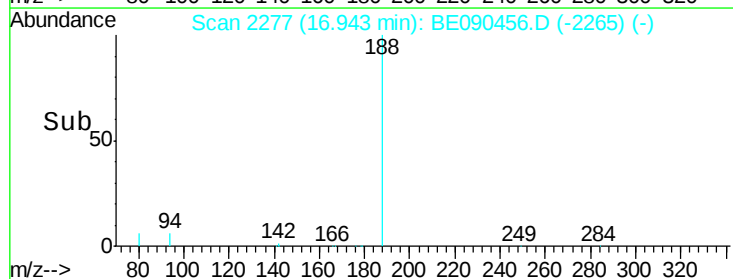
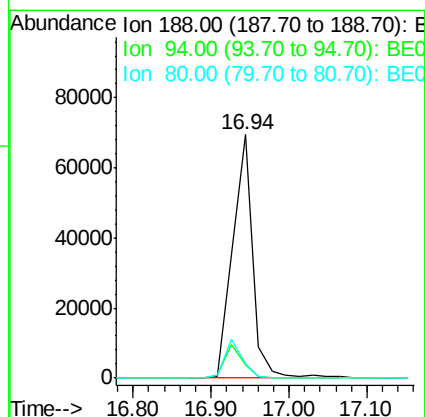
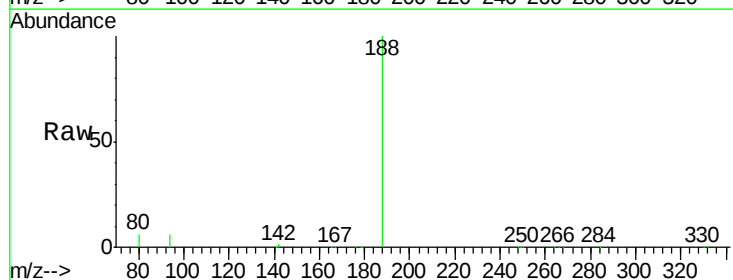
Instrument :
BNA_E
ClientSampleId :

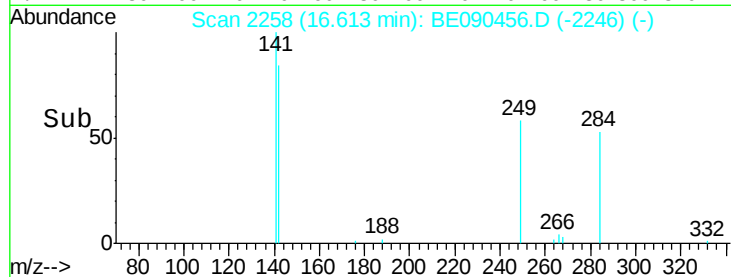
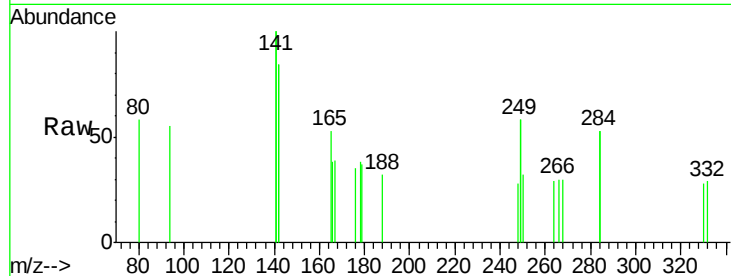
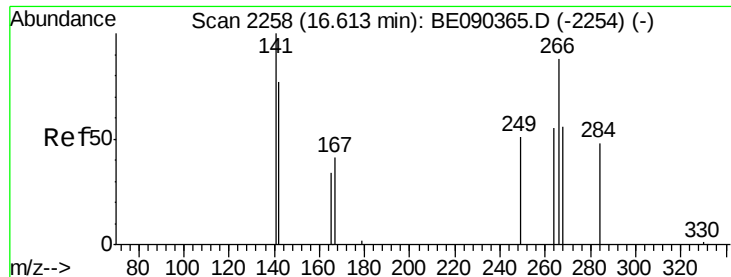
Tot Ion:172 Resp: 66835
Ion Ratio Lower Upper
172 100
171 34.3 28.5 42.7
170 23.3 19.8 29.8



#18
Phenanthrene-d10
Concen: 5.00 ng
RT: 16.94 min Scan# 2277
Delta R.T. 0.00 min
Lab File: BE090456.D
Acq: 12 Aug 2015 8:13

Tgt Ion:188 Resp: 123971
Ion Ratio Lower Upper
188 100
94 5.7 5.7 8.5
80 5.8 5.8 8.8#

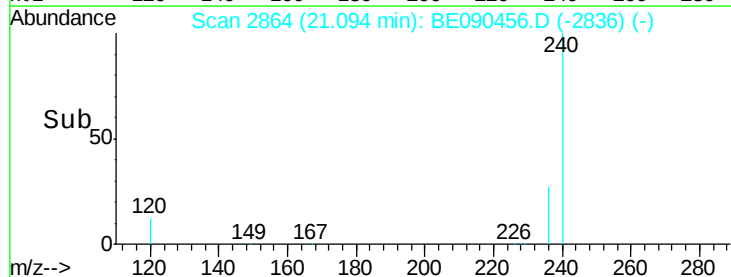
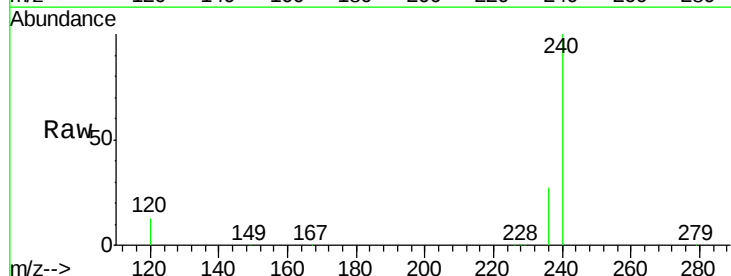
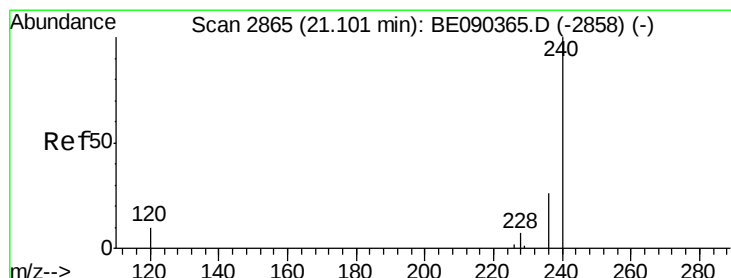
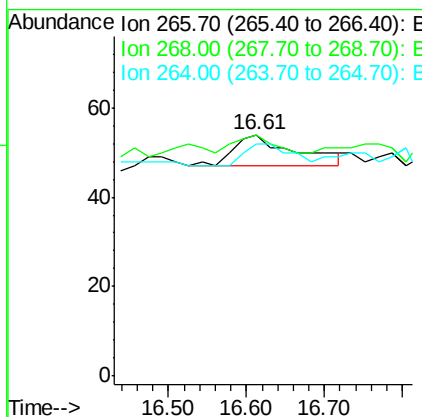




#21
 Pentachlorophenol
 Concen: 0.14 ng
 RT: 16.61 min Scan# 2258
 Delta R.T. 0.00 min
 Lab File: BE090456.D
 Acq: 12 Aug 2015 8:13

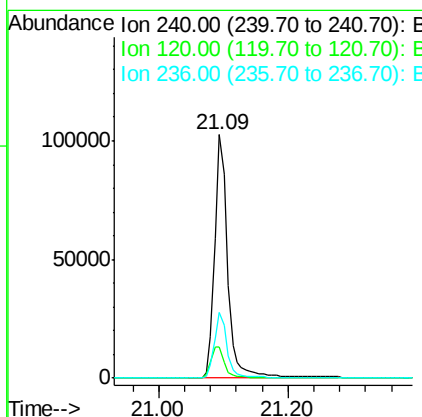
Instrument :
 BNA_E
 ClientSampled :

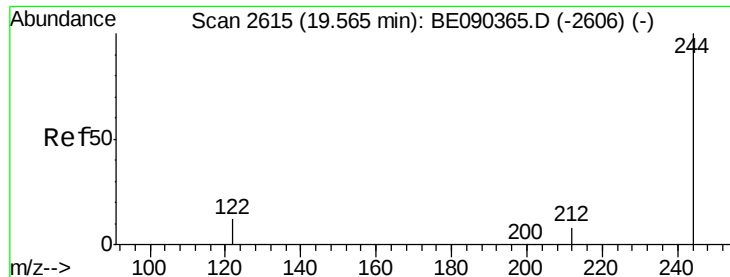
Tot Ion:266 Resp: 39
 Ion Ratio Lower Upper
 266 100
 268 100.0 58.5 87.7#
 264 96.3 56.0 84.0#



#25
 Chrysene-d12
 Concen: 5.00 ng
 RT: 21.09 min Scan# 2864
 Delta R.T. -0.01 min
 Lab File: BE090456.D
 Acq: 12 Aug 2015 8:13

Tgt Ion:240 Resp: 144382
 Ion Ratio Lower Upper
 240 100
 120 12.6 8.3 12.5#
 236 27.2 21.0 31.4

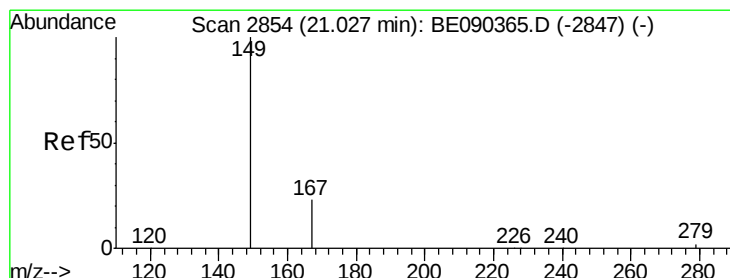
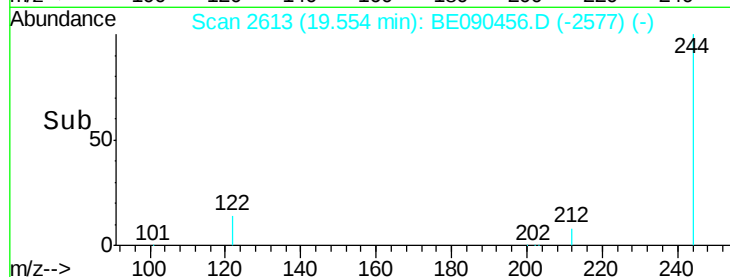
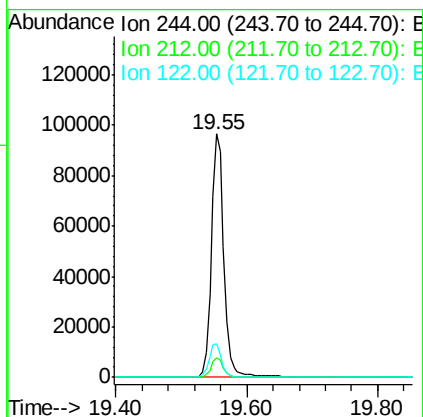
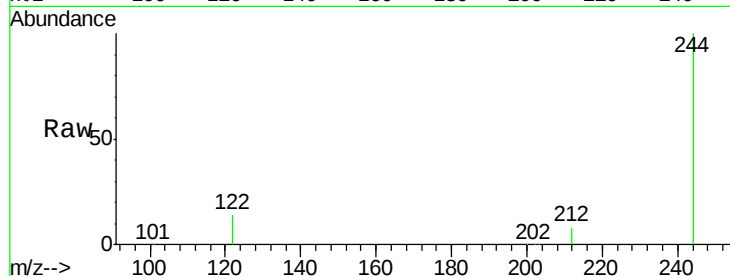




#27
 Terphenyl-d14
 Concen: 6.03 ng
 RT: 19.55 min Scan# 2613
 Delta R.T. -0.01 min
 Lab File: BE090456.D
 Acq: 12 Aug 2015 8:13

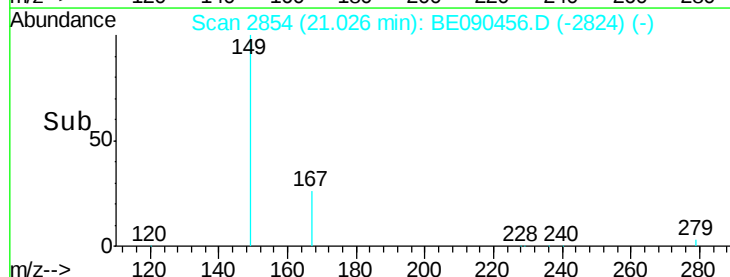
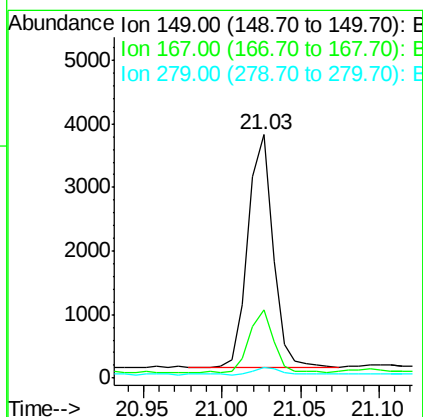
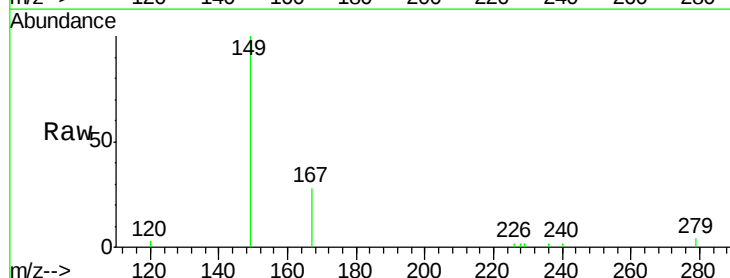
Instrument :
 BNA_E
 ClientSampleId :

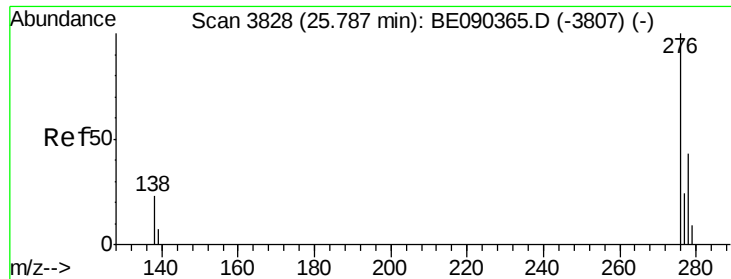
Tot Ion:244 Resp: 128212
 Ion Ratio Lower Upper
 244 100
 212 8.1 6.6 9.8
 122 14.0 10.2 15.4



#30
 Bis(2-ethylhexyl)phthalate
 Concen: 0.62 ng
 RT: 21.03 min Scan# 2854
 Delta R.T. 0.00 min
 Lab File: BE090456.D
 Acq: 12 Aug 2015 8:13

Tgt Ion:149 Resp: 4079
 Ion Ratio Lower Upper
 149 100
 167 26.0 19.8 29.8
 279 3.3 2.4 3.6

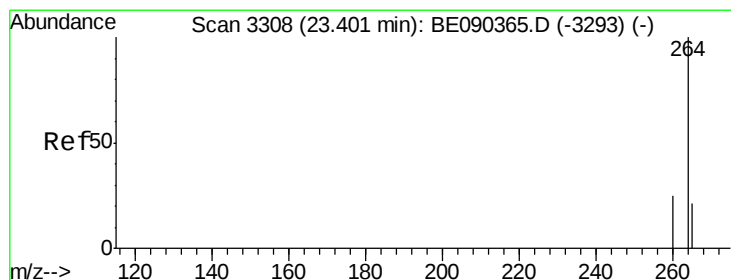
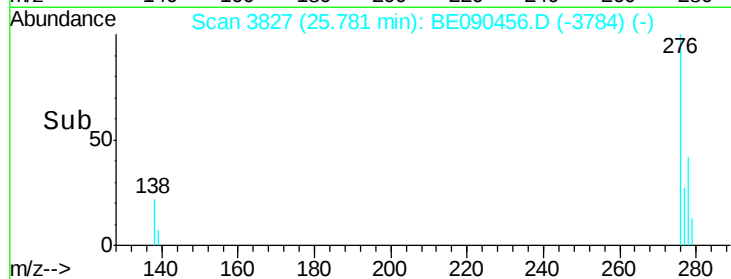
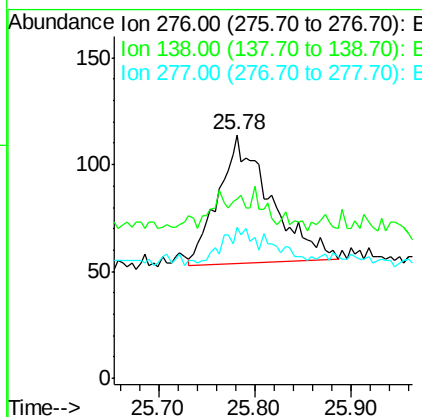
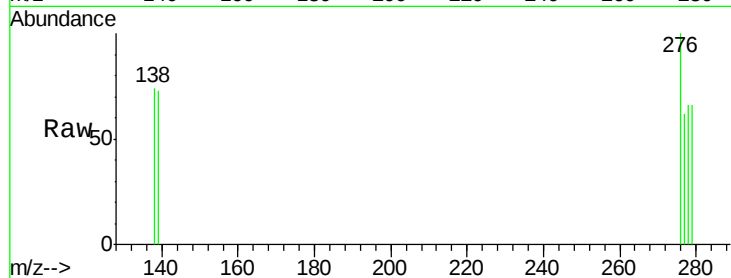




#31
 Indeno(1,2,3-cd)pyrene
 Concen: 0.26 ng
 RT: 25.78 min Scan# 3827
 Delta R.T. -0.00 min
 Lab File: BE090456.D
 Acq: 12 Aug 2015 8:13

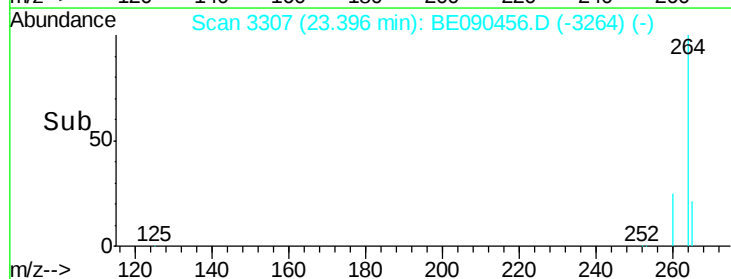
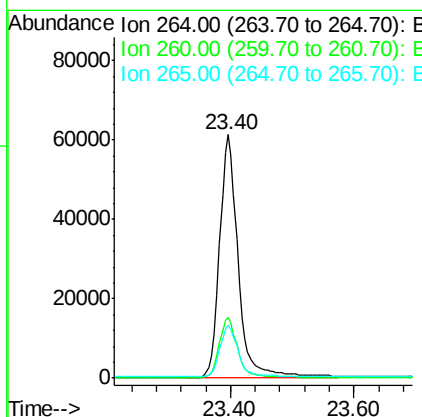
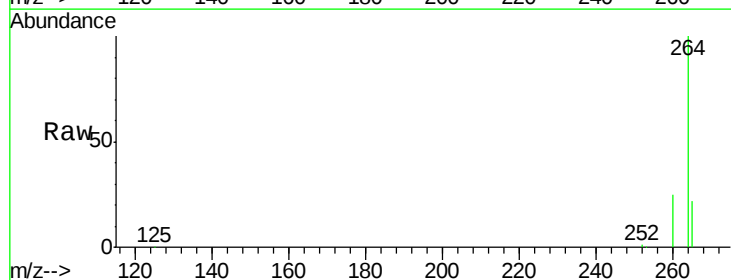
Instrument :
 BNA_E
 ClientSampleId :

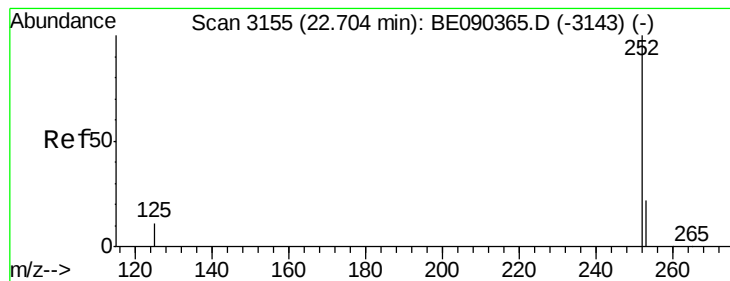
Tot Ion:276 Resp: 224
 Ion Ratio Lower Upper
 276 100
 138 2.2 18.8 28.2#
 277 15.6 18.2 27.4#



#32
 Perylene-d12
 Concen: 5.00 ng
 RT: 23.40 min Scan# 3307
 Delta R.T. -0.00 min
 Lab File: BE090456.D
 Acq: 12 Aug 2015 8:13

Tgt Ion:264 Resp: 128867
 Ion Ratio Lower Upper
 264 100
 260 24.9 20.1 30.1
 265 21.8 17.2 25.8





#33

Benzo(b)fluoranthene

Concen: 0.20 ng

RT: 22.70 min Scan# 3154

Delta R.T. -0.00 min

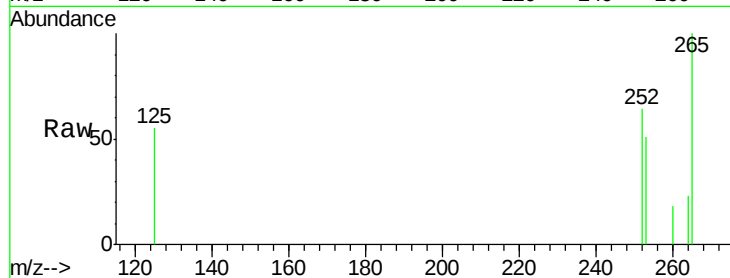
Lab File: BE090456.D

Acq: 12 Aug 2015 8:13

Instrument :

BNA_E

ClientSampleId :



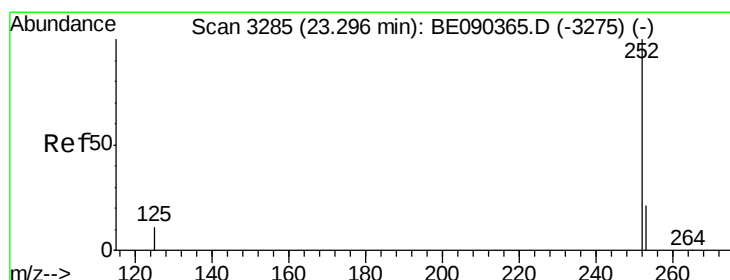
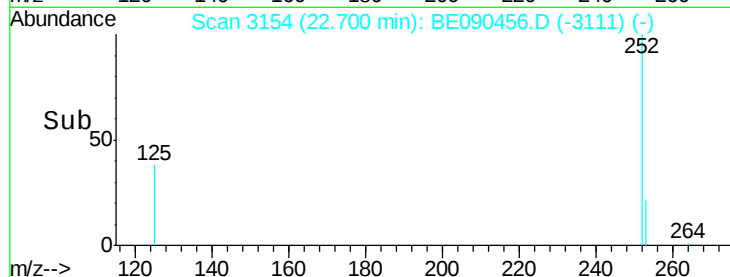
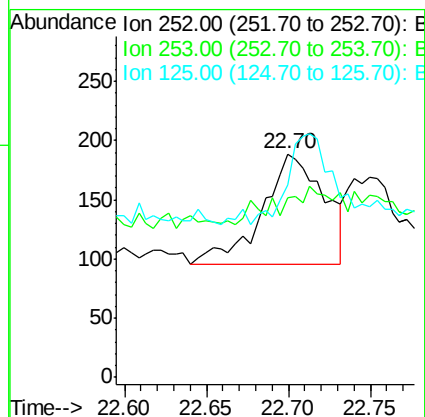
Tot Ion:252 Resp: 243

Ion Ratio Lower Upper

252 100

253 80.4 18.1 27.1#

125 86.2 9.4 14.2#



#35

Benzo(a)pyrene

Concen: 0.23 ng

RT: 23.29 min Scan# 3283

Delta R.T. -0.01 min

Lab File: BE090456.D

Acq: 12 Aug 2015 8:13

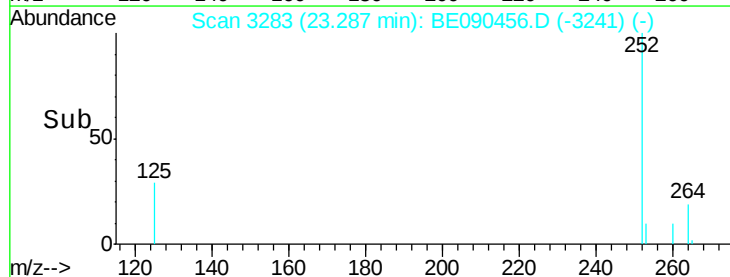
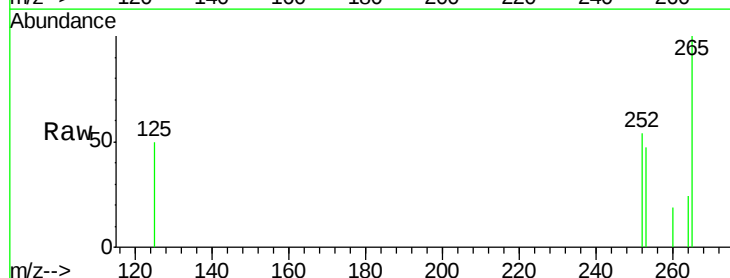
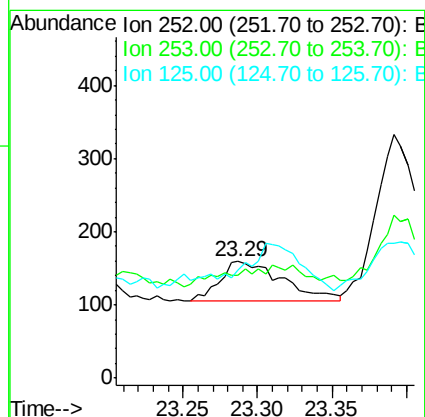
Tgt Ion:252 Resp: 155

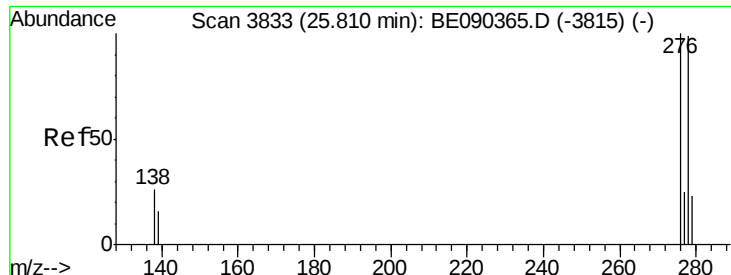
Ion Ratio Lower Upper

252 100

253 88.7 17.6 26.4#

125 93.1 9.8 14.6#





#36

Dibenzo(a,h)anthracene

Concen: 0.29 ng

RT: 25.82 min Scan# 3835

Delta R.T. 0.01 min

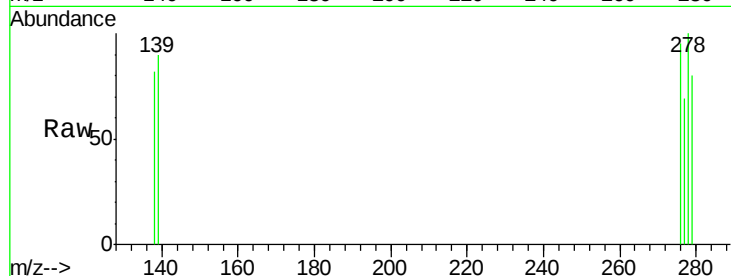
Lab File: BE090456.D

Acq: 12 Aug 2015 8:13

Instrument :

BNA_E

ClientSampleId :



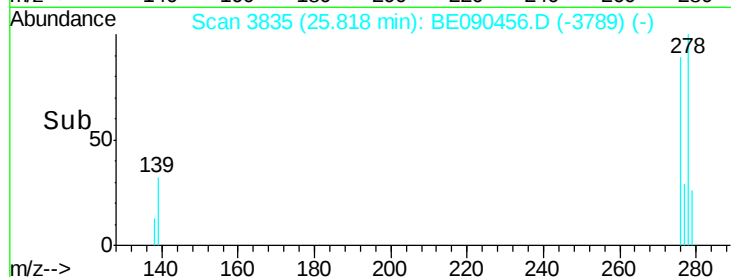
Tot Ion: 278 Resp: 172

Ion Ratio Lower Upper

278 100

139 90.1 14.2 21.4#

279 80.2 20.1 30.1#



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

