

Data Path : Z:\HPCHEM1\BNA E\DATA\BE082515\
 Data File : BE090611.D
 Acq On : 25 Aug 2015 13:41
 Operator : UM/IZ
 Sample : PB85167BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Aug 26 03:25:57 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

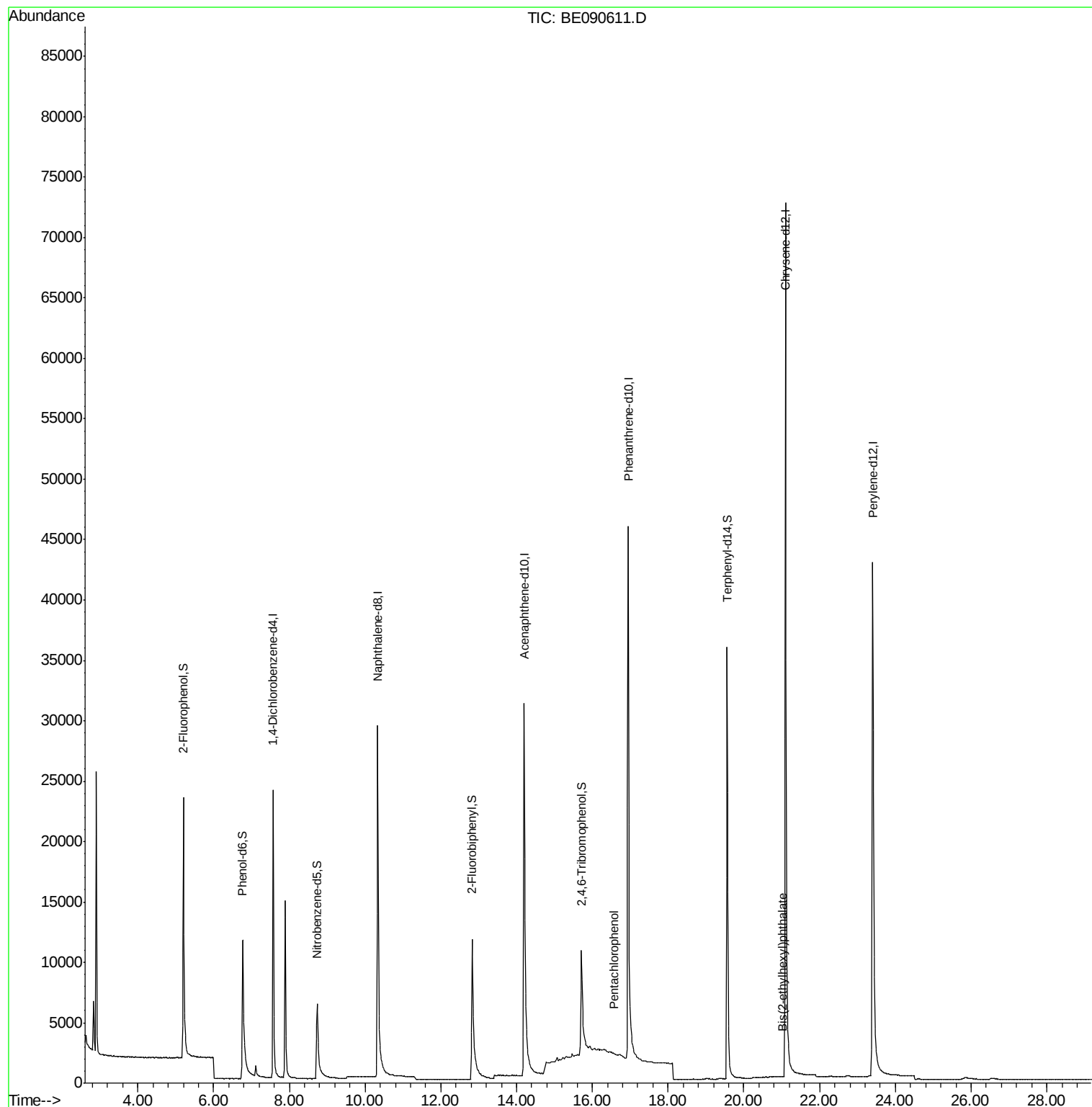
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.57	152	13444	5.00	ng	0.00
6) Naphthalene-d8	10.33	136	56069	5.00	ng	0.00
12) Acenaphthene-d10	14.20	164	31417	5.00	ng	0.00
18) Phenanthrene-d10	16.95	188	85466	5.00	ng	0.00
25) Chrysene-d12	21.10	240	99554	5.00	ng	0.00
32) Perylene-d12	23.40	264	85777	5.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.20	112	20370	5.24	ng	-0.02
5) Phenol-d6	6.77	99	24445	4.28	ng	0.00
7) Nitrobenzene-d5	8.73	82	12026	2.69	ng	0.00
13) 2,4,6-Tribromophenol	15.71	330	7076	5.85	ng	0.00
14) 2-Fluorobiphenyl	12.82	172	26655	2.84	ng	0.00
27) Terphenyl-d14	19.56	244	54370	2.99	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.24	88	41	Below Cal	#	19
21) Pentachlorophenol	16.56	266	6	0.30 ng	#	68
30) Bis(2-ethylhexyl)phthalate	21.03	149	59	0.14 ng	#	83

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

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#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 7.57 min Scan# 843

Delta R.T. -0.01 min

Lab File: BE090611.D

Acq: 25 Aug 2015 13:41

Instrument :

BNA_E

ClientSampleId :

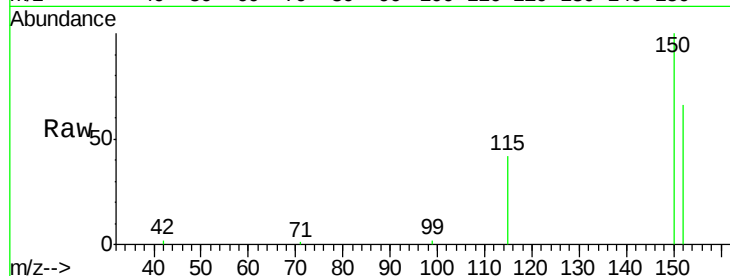
Tot Ion:152 Resp: 13444

Ion Ratio Lower Upper

152 100

150 151.6 123.0 184.4

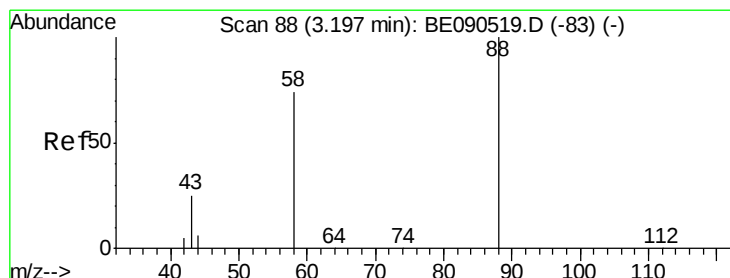
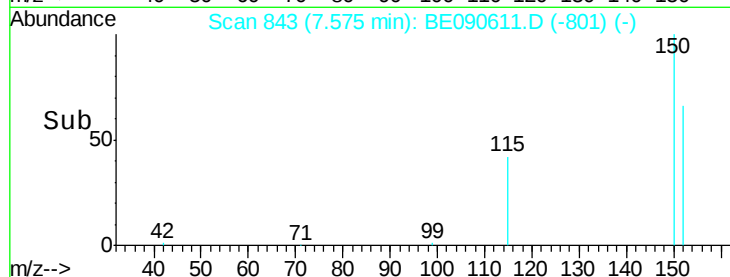
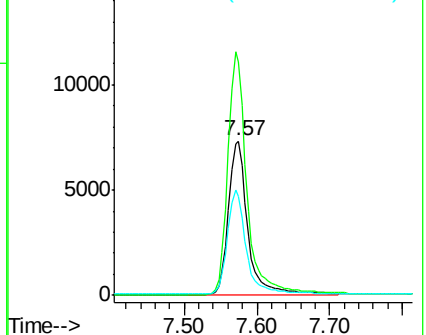
115 64.1 48.9 73.3



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# 95

Delta R.T. 0.05 min

Lab File: BE090611.D

Acq: 25 Aug 2015 13:41

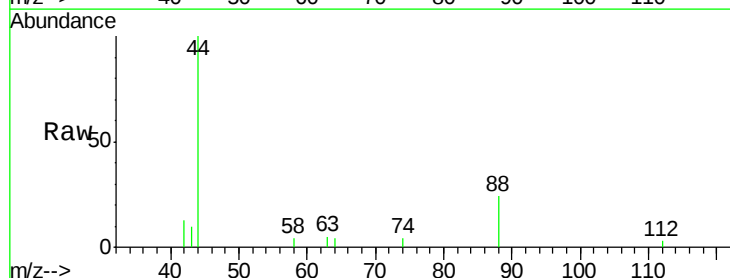
Tgt Ion: 88 Resp: 41

Ion Ratio Lower Upper

88 100

58 4.9 70.0 105.0#

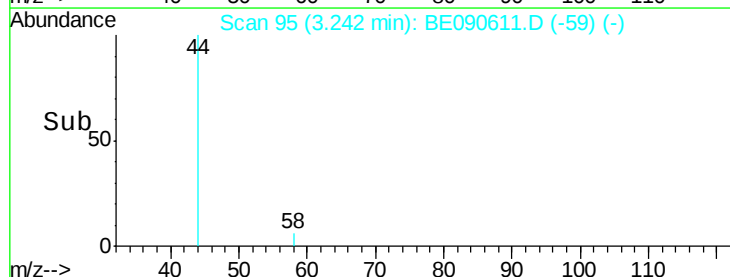
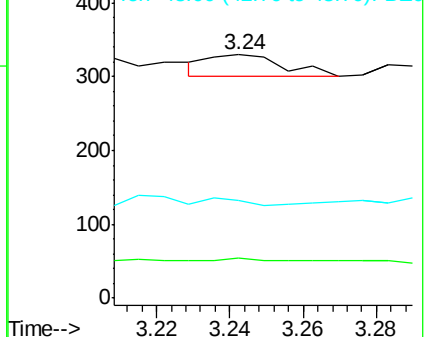
43 0.0 28.4 42.6#



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





#4

2-Fluorophenol

Concen: 5.24 ng

RT: 5.20 min Scan# 384

Delta R.T. -0.02 min

Lab File: BE090611.D

Acq: 25 Aug 2015 13:41

Instrument :

BNA_E

ClientSampled :

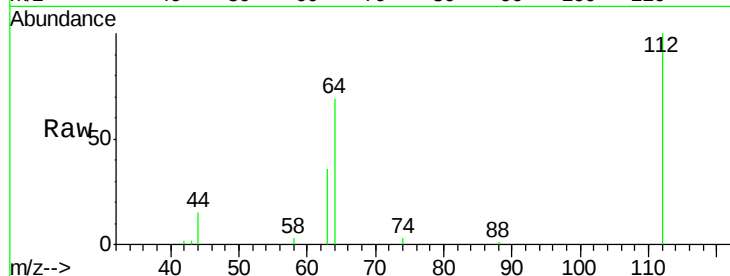
Tot Ion:112 Resp: 20370

Ion Ratio Lower Upper

112 100

64 69.2 37.1 55.7#

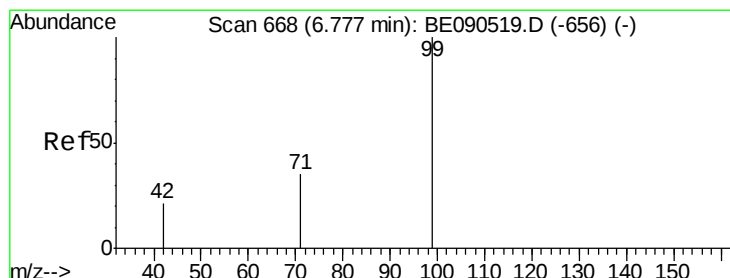
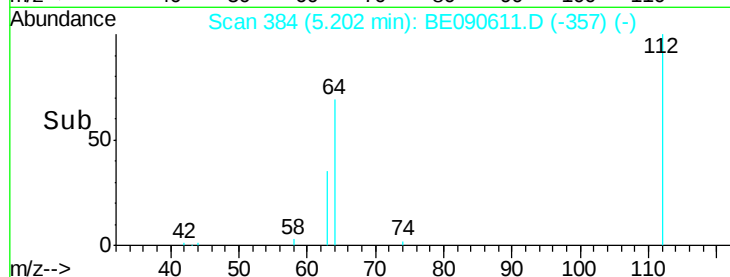
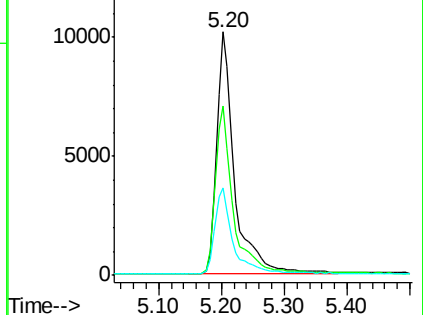
63 35.9 19.5 29.3#



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: 4.28 ng

RT: 6.77 min Scan# 666

Delta R.T. -0.01 min

Lab File: BE090611.D

Acq: 25 Aug 2015 13:41

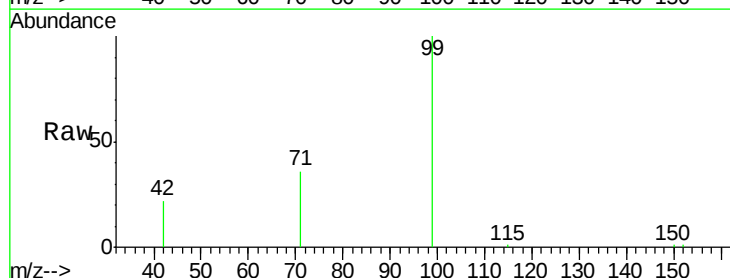
Tgt Ion: 99 Resp: 24445

Ion Ratio Lower Upper

99 100

42 21.9 18.2 27.4

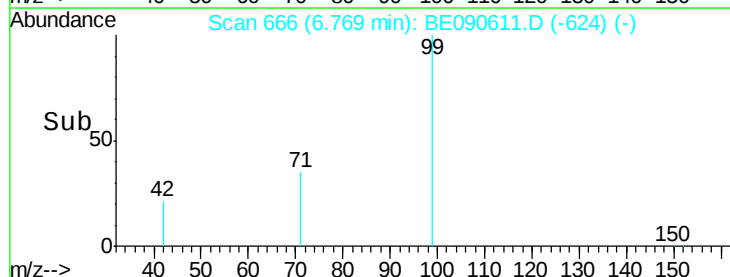
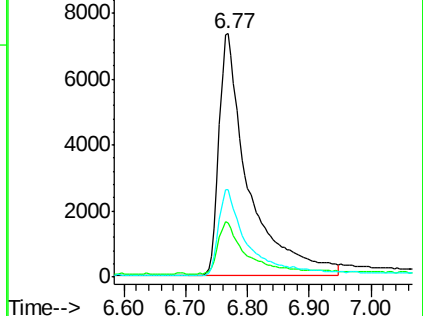
71 35.4 27.4 41.0

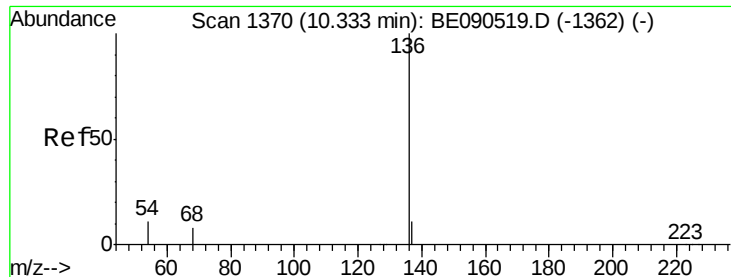


Abundance Ion 99.00 (98.70 to 99.70): BE090519.D (-656) (-)

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

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

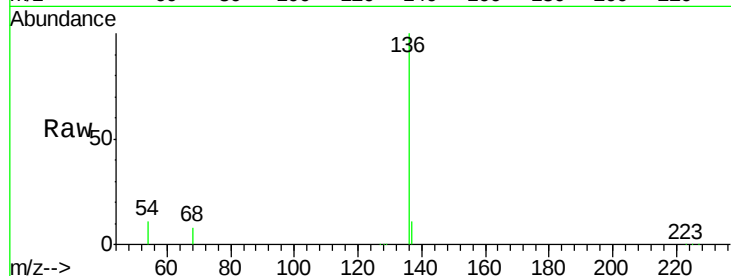




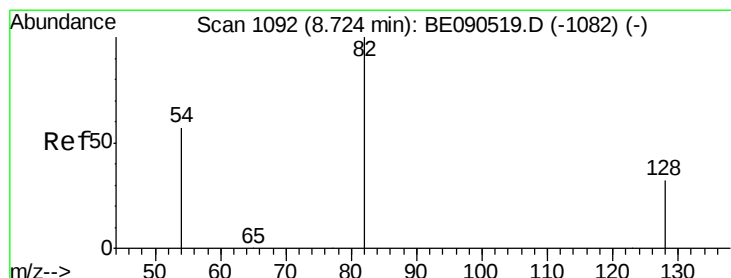
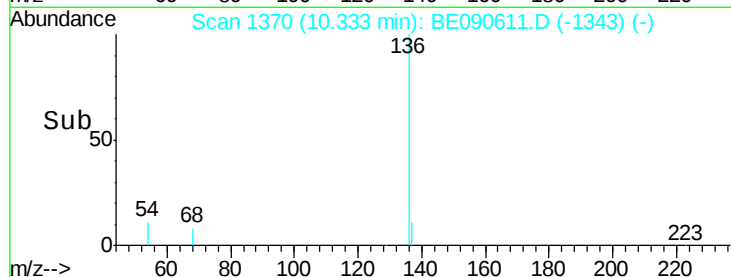
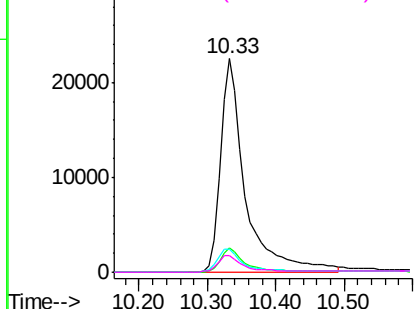
#6
Naphthalene-d8
Concen: 5.00 ng
RT: 10.33 min Scan# 1370
Delta R.T. -0.00 min
Lab File: BE090611.D
Acq: 25 Aug 2015 13:41

Instrument :
BNA_E
ClientSampleId :

Tot Ion:136	Resp:	56069	
Ion Ratio	Lower	Upper	
136 100			
137 11.2	8.7	13.1	
54 11.0	9.4	14.0	
68 8.1	6.5	9.7	

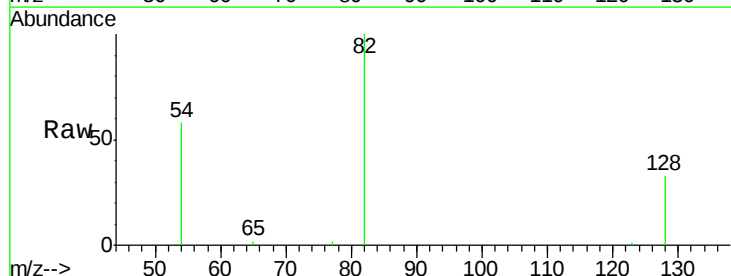


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BE0
Ion 68.00 (67.70 to 68.70): BE0

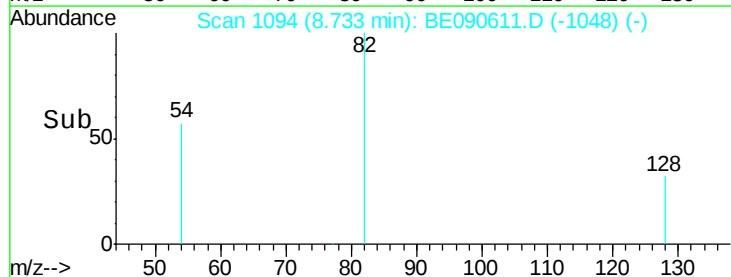
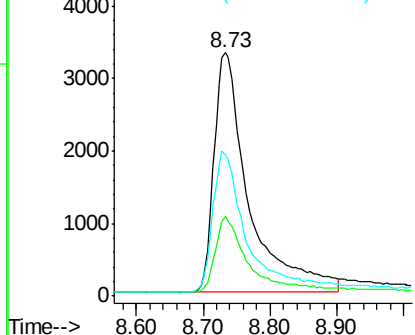


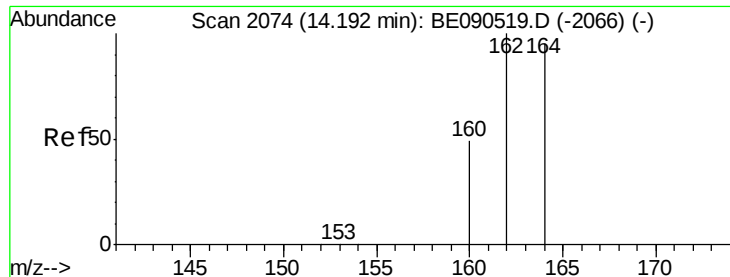
#7
Nitrobenzene-d5
Concen: 2.69 ng
RT: 8.73 min Scan# 1094
Delta R.T. 0.01 min
Lab File: BE090611.D
Acq: 25 Aug 2015 13:41

Tgt Ion: 82	Resp: 12026
Ion Ratio	Lower Upper
82 100	
128 32.9	25.0 37.6
54 58.0	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: 14.20 min Scan# 2075

Delta R.T. 0.01 min

Lab File: BE090611.D

Acq: 25 Aug 2015 13:41

Instrument :

BNA_E

ClientSampleId :

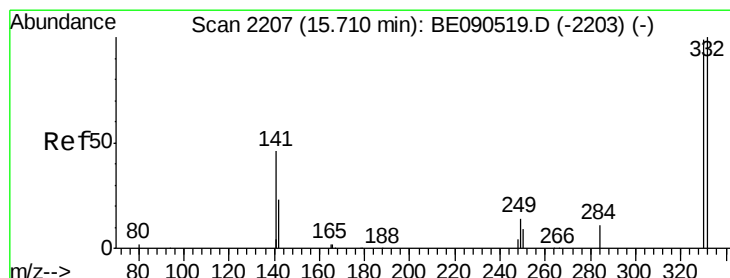
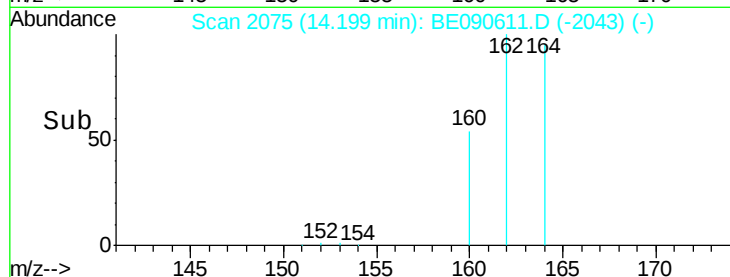
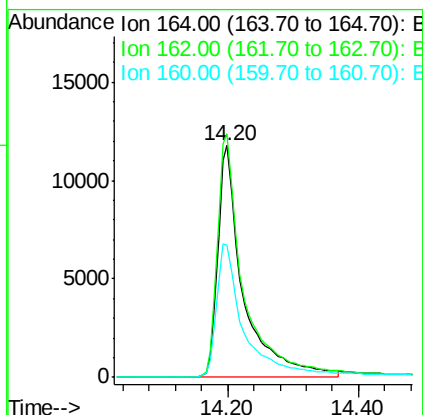
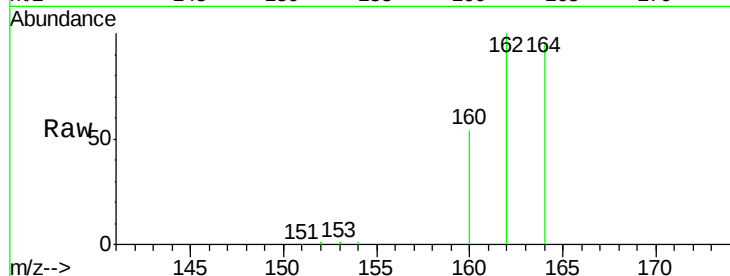
Tot Ion:164 Resp: 31417

Ion Ratio Lower Upper

164 100

162 105.0 81.8 122.8

160 56.9 44.2 66.4



#13

2,4,6-Tribromophenol

Concen: 5.85 ng

RT: 15.71 min Scan# 2207

Delta R.T. -0.00 min

Lab File: BE090611.D

Acq: 25 Aug 2015 13:41

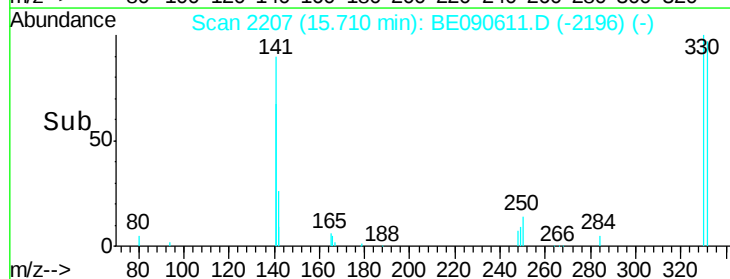
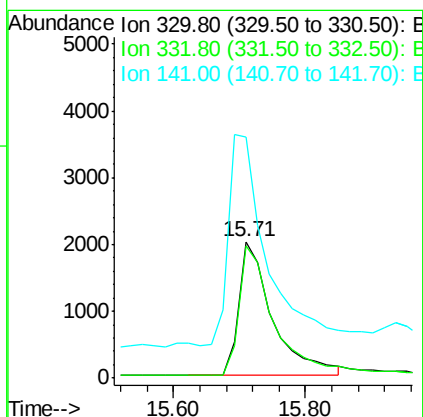
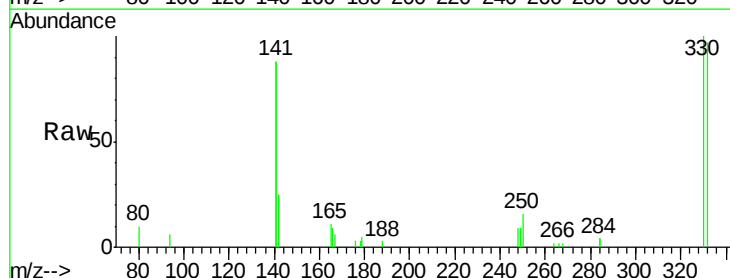
Tgt Ion:330 Resp: 7076

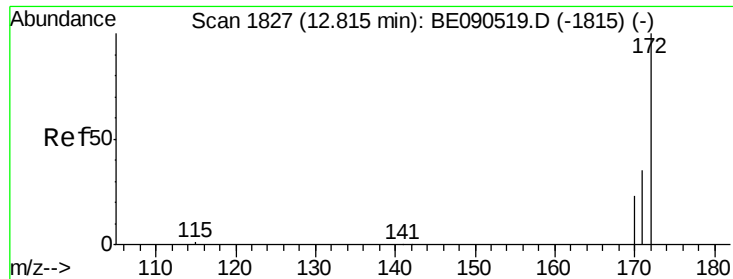
Ion Ratio Lower Upper

330 100

332 98.2 75.8 113.6

141 182.4 114.4 171.6#

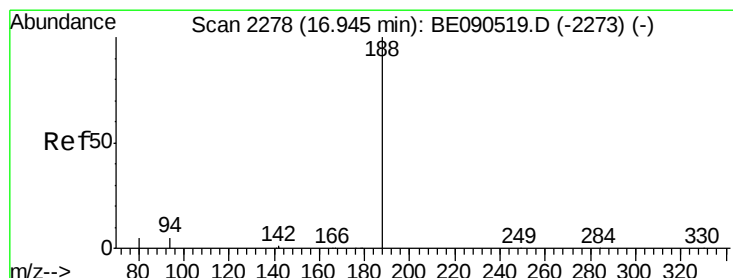
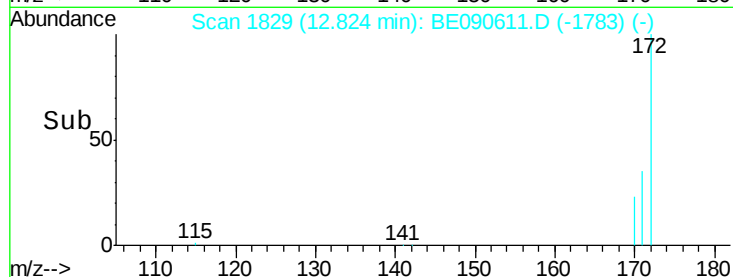
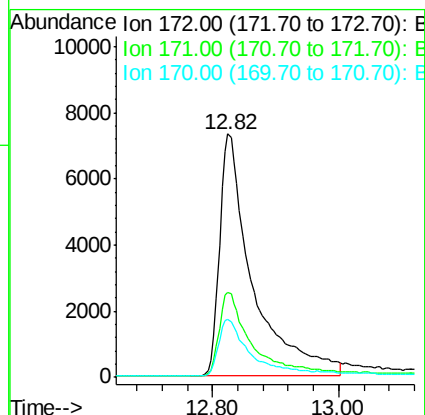
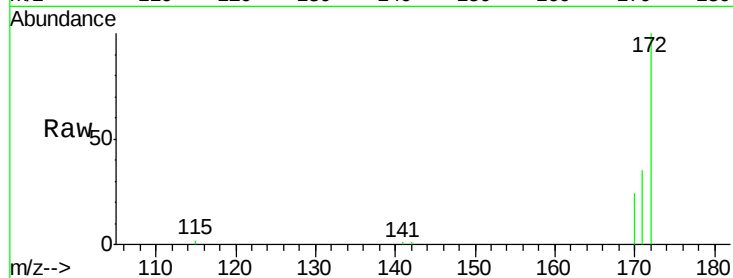




#14
2-Fluorobiphenyl
Concen: 2.84 ng
RT: 12.82 min Scan# 1829
Delta R.T. 0.01 min
Lab File: BE090611.D
Acq: 25 Aug 2015 13:41

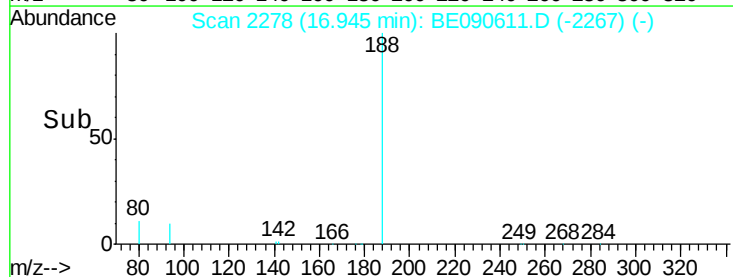
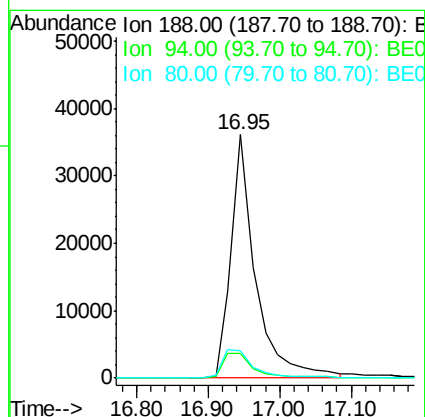
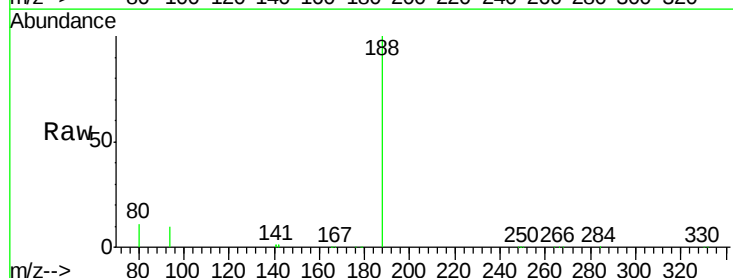
Instrument :
BNA_E
ClientSampleId :

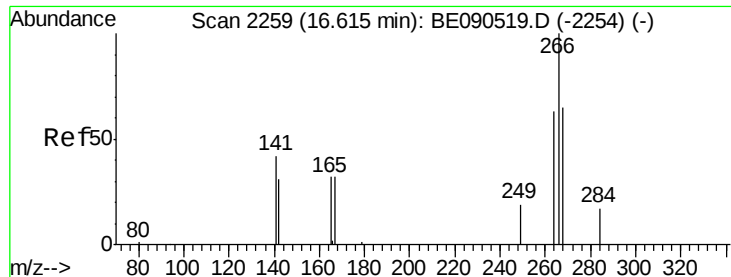
Tot Ion:172 Resp: 26655
Ion Ratio Lower Upper
172 100
171 35.0 28.5 42.7
170 23.7 19.8 29.8



#18
Phenanthrene-d10
Concen: 5.00 ng
RT: 16.95 min Scan# 2278
Delta R.T. -0.00 min
Lab File: BE090611.D
Acq: 25 Aug 2015 13:41

Tgt Ion:188 Resp: 85466
Ion Ratio Lower Upper
188 100
94 10.3 5.7 8.5#
80 11.3 5.8 8.8#

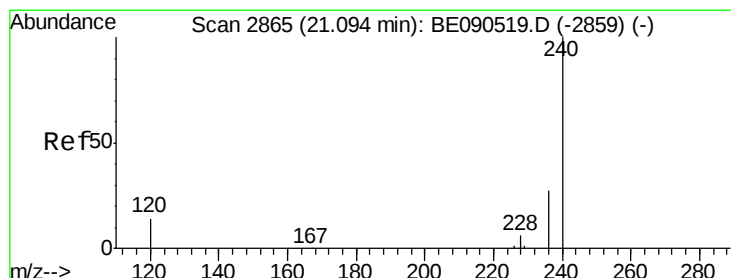
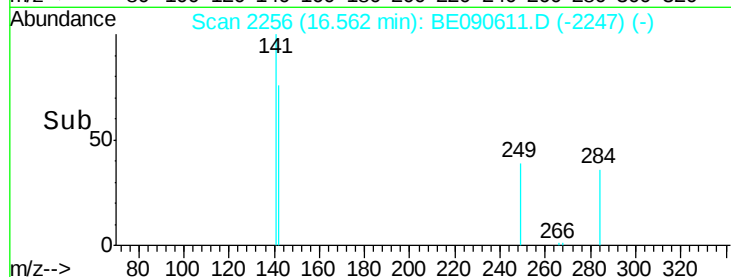
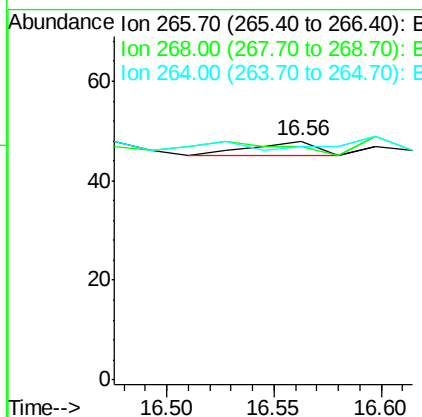
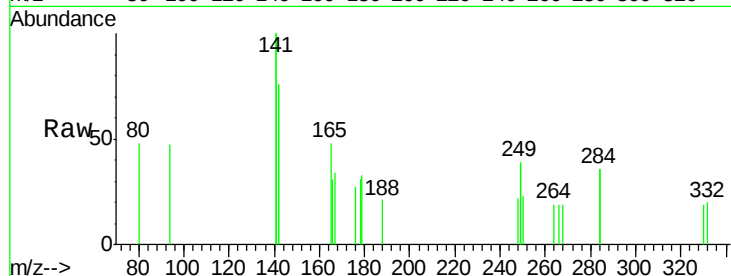




#21
 Pentachlorophenol
 Concen: 0.30 ng
 RT: 16.56 min Scan# 2256
 Delta R.T. -0.05 min
 Lab File: BE090611.D
 Acq: 25 Aug 2015 13:41

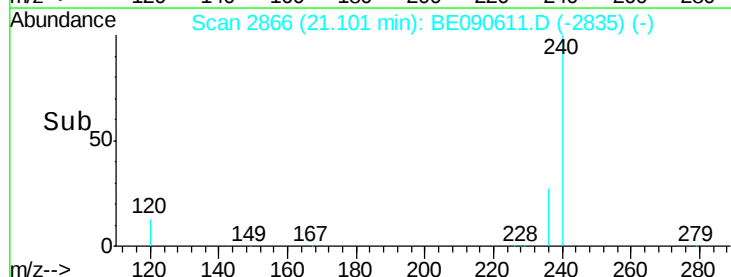
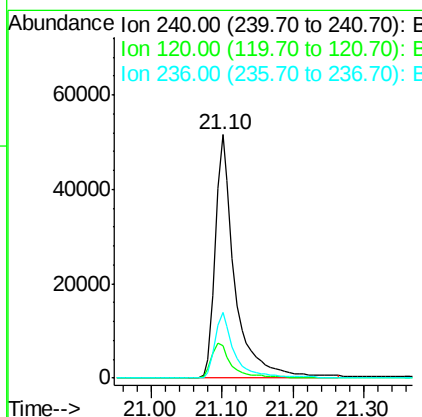
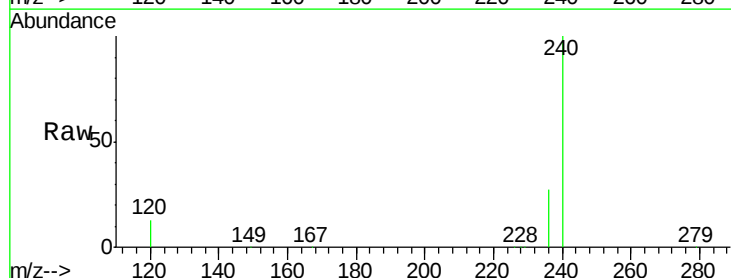
Instrument :
 BNA_E
 ClientSampleId :

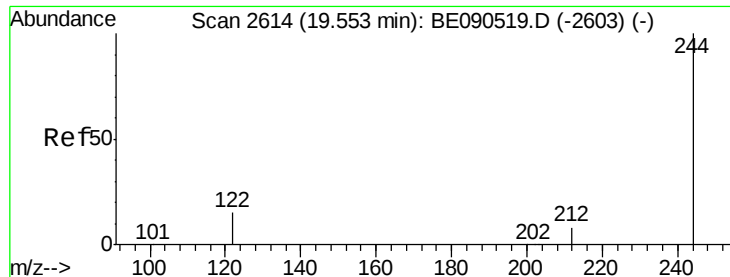
Tot Ion:266 Resp: 6
 Ion Ratio Lower Upper
 266 100
 268 97.9 58.5 87.7#
 264 97.9 56.0 84.0#



#25
 Chrysene-d12
 Concen: 5.00 ng
 RT: 21.10 min Scan# 2866
 Delta R.T. 0.01 min
 Lab File: BE090611.D
 Acq: 25 Aug 2015 13:41

Tgt Ion:240 Resp: 99554
 Ion Ratio Lower Upper
 240 100
 120 13.1 8.3 12.5#
 236 27.0 21.0 31.4





#27

Terphenyl-d14

Concen: 2.99 ng

RT: 19.56 min Scan# 2615

Delta R.T. 0.01 min

Lab File: BE090611.D

Acq: 25 Aug 2015 13:41

Instrument :

BNA_E

ClientSampleId :

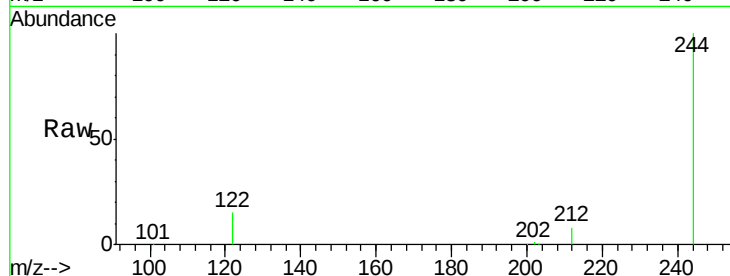
Tot Ion:244 Resp: 54370

Ion Ratio Lower Upper

244 100

212 8.2 6.6 9.8

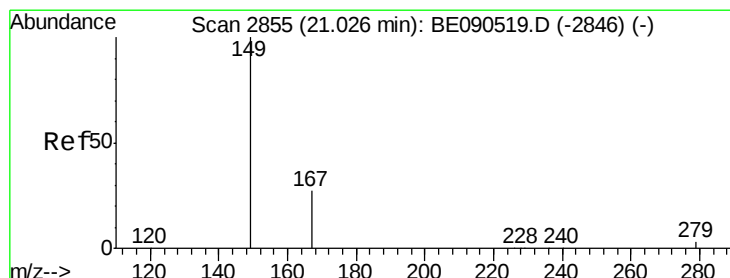
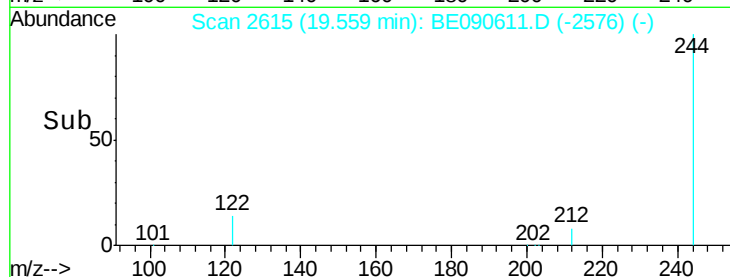
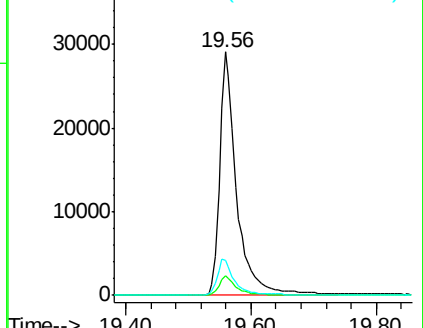
122 14.6 10.2 15.4



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: BE090611.D

Acq: 25 Aug 2015 13:41

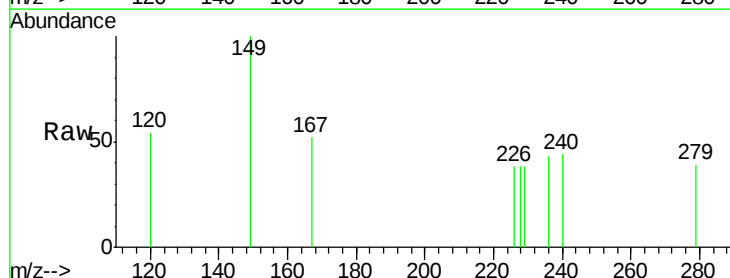
Tgt Ion:149 Resp: 59

Ion Ratio Lower Upper

149 100

167 33.9 19.8 29.8#

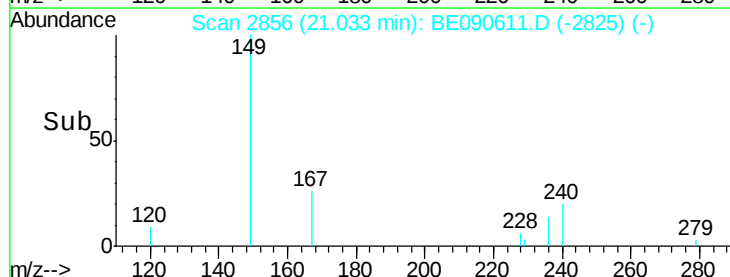
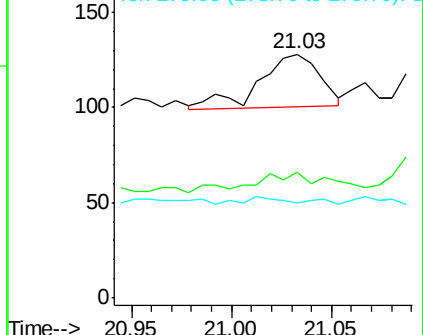
279 0.0 2.4 3.6#

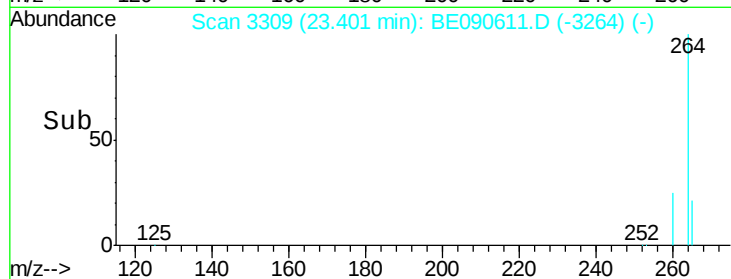
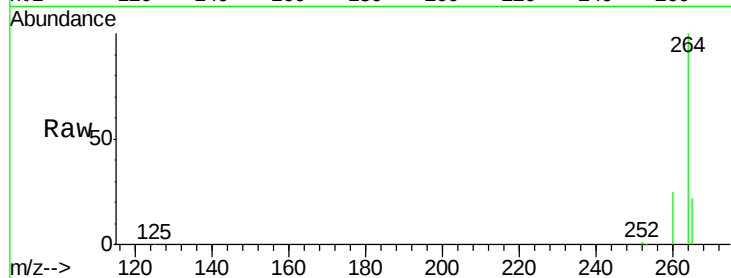
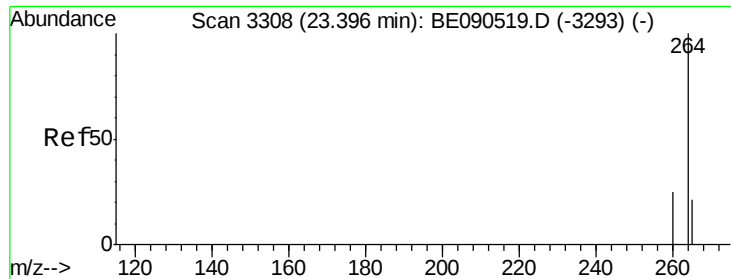


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#32
 Pervlene-d12
 Concen: 5.00 ng
 RT: 23.40 min Scan# 3309
 Delta R.T. 0.00 min
 Lab File: BE090611.D
 Acq: 25 Aug 2015 13:41

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion: 264 Resp: 85777
 Ion Ratio Lower Upper
 264 100
 260 24.7 20.1 30.1
 265 21.9 17.2 25.8

