

Data Path : Z:\HPCHEM1\BNA E\DATA\BE082515\
 Data File : BE090630.D
 Acq On : 26 Aug 2015 1:10
 Operator : UM/IZ
 Sample : G3401-10
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Aug 26 03:29:30 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

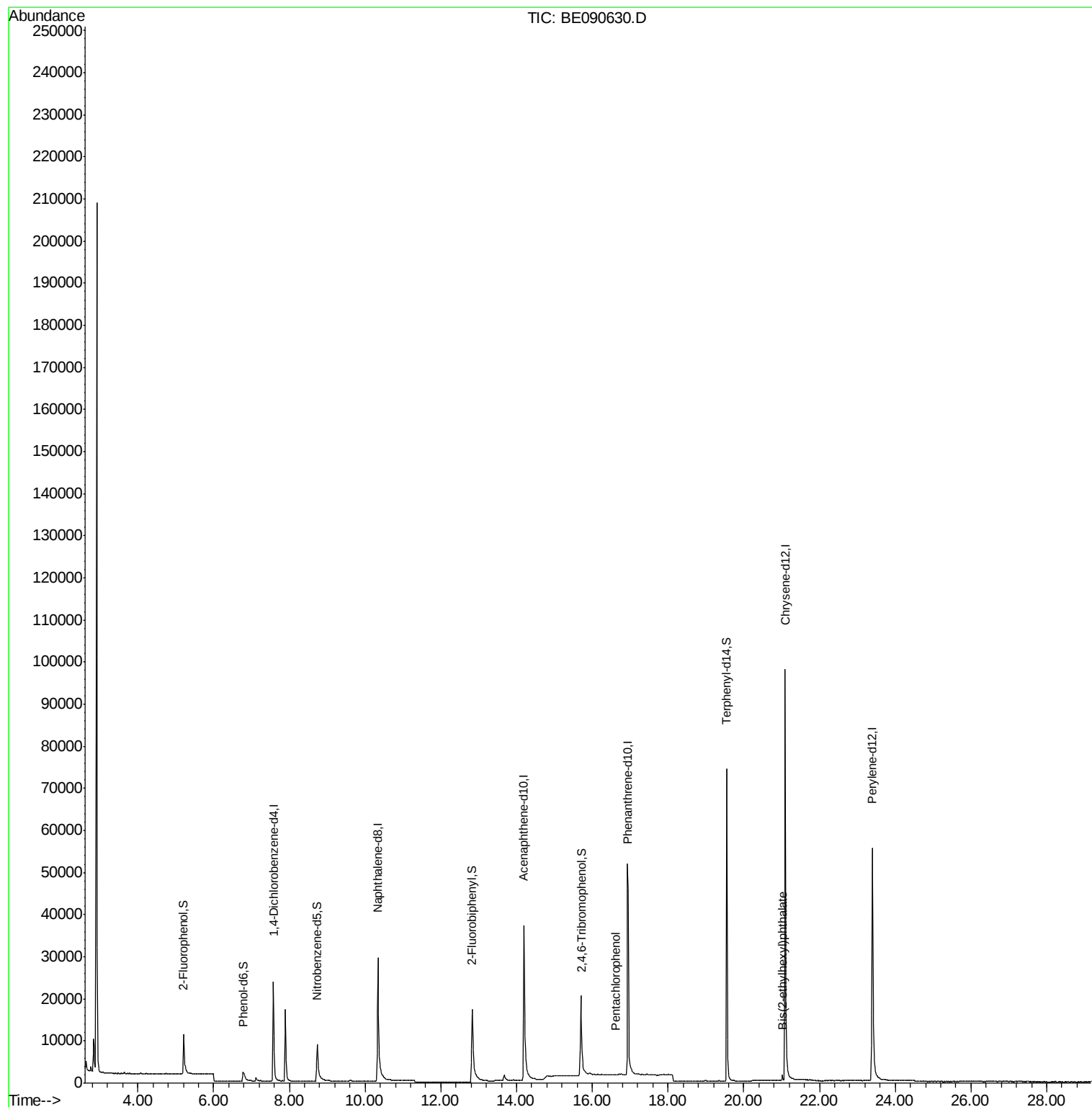
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.58	152	14349	5.00	ng	0.00
6) Naphthalene-d8	10.34	136	61118	5.00	ng	0.00
12) Acenaphthene-d10	14.20	164	35615	5.00	ng	0.00
18) Phenanthrene-d10	16.95	188	96729	5.00	ng	0.00
25) Chrysene-d12	21.09	240	108677	5.00	ng	0.00
32) Perylene-d12	23.40	264	93038	5.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.21	112	10103	2.44	ng	0.00
5) Phenol-d6	6.78	99	6890	1.13	ng	0.00
7) Nitrobenzene-d5	8.74	82	16633	3.42	ng	0.01
13) 2,4,6-Tribromophenol	15.71	330	12429	9.07	ng	0.00
14) 2-Fluorobiphenyl	12.83	172	36525	3.43	ng	0.01
27) Terphenyl-d14	19.55	244	85174	4.29	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.35	88	15	Below Cal	#	1
21) Pentachlorophenol	16.61	266	16	0.31 ng	#	66
30) Bis(2-ethylhexyl)phthalate	21.02	149	1351	0.22 ng		98

(#) = 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: BE090630.D

Acq: 26 Aug 2015 1:10

Instrument :

BNA_E

ClientSampleId :

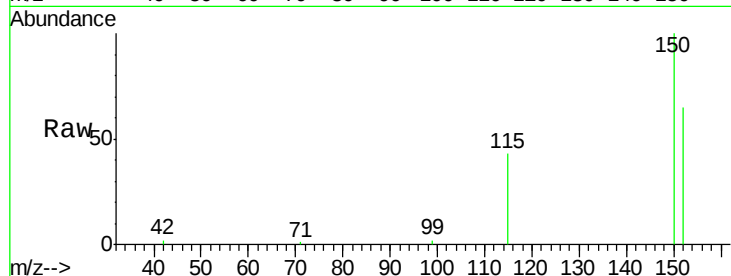
Tot Ion:152 Resp: 14349

Ion Ratio Lower Upper

152 100

150 154.3 123.0 184.4

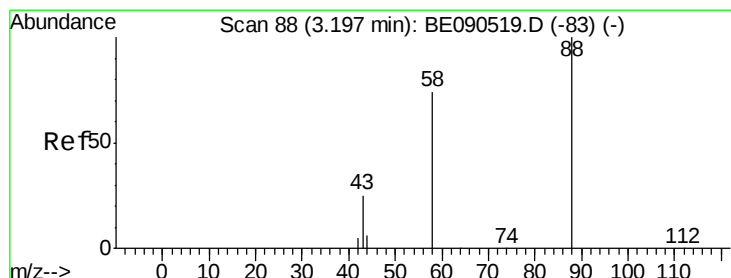
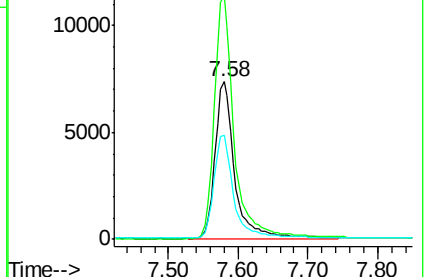
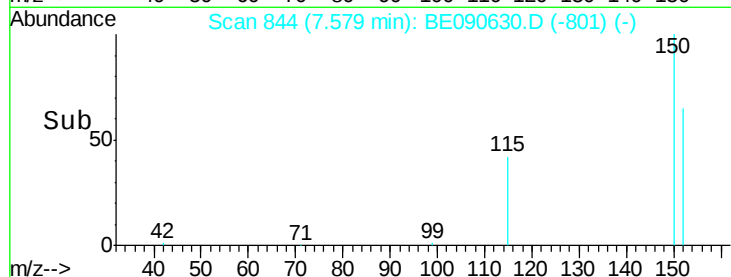
115 65.8 48.9 73.3



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: 3.35 min Scan# 111

Delta R.T. 0.16 min

Lab File: BE090630.D

Acq: 26 Aug 2015 1:10

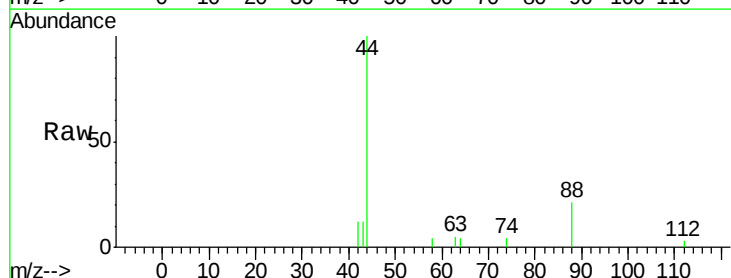
Tgt Ion: 88 Resp: 15

Ion Ratio Lower Upper

88 100

58 0.0 70.0 105.0#

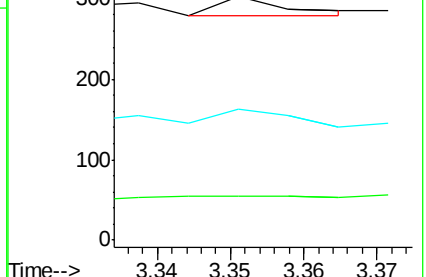
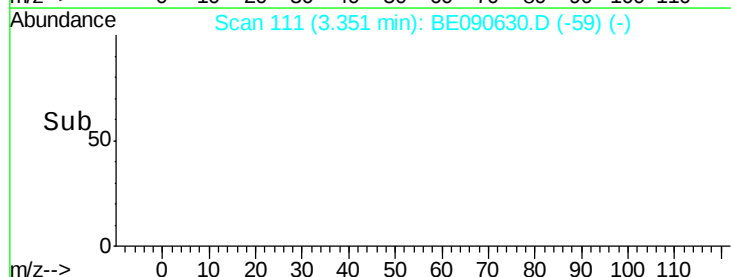
43 100.0 28.4 42.6#



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: 2.44 ng

RT: 5.21 min Scan# 385

Delta R.T. -0.01 min

Lab File: BE090630.D

Acq: 26 Aug 2015 1:10

Instrument :

BNA_E

ClientSampleId :

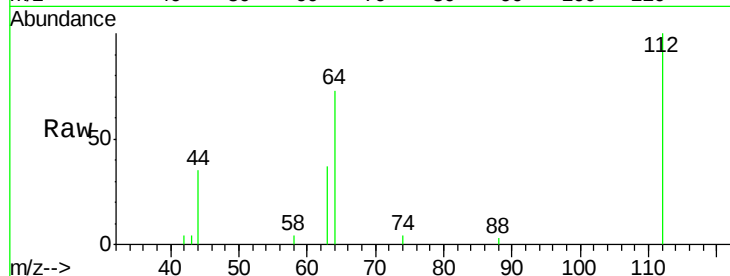
Tot Ion:112 Resp: 10103

Ion Ratio Lower Upper

112 100

64 70.2 37.1 55.7#

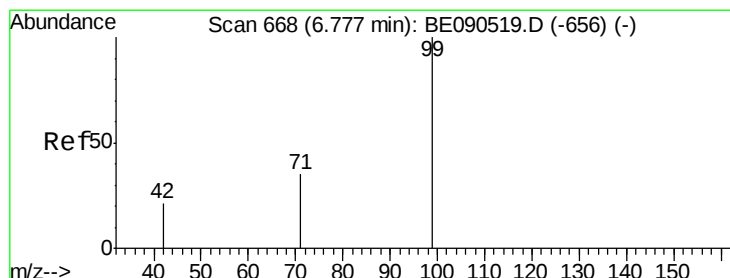
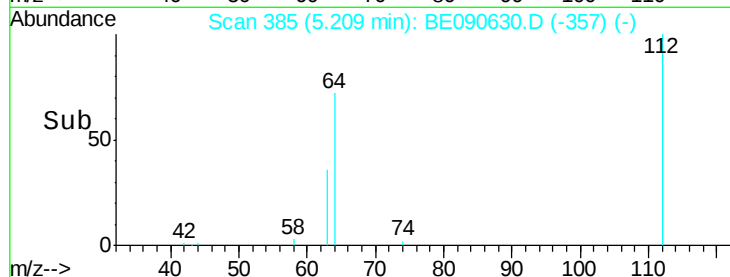
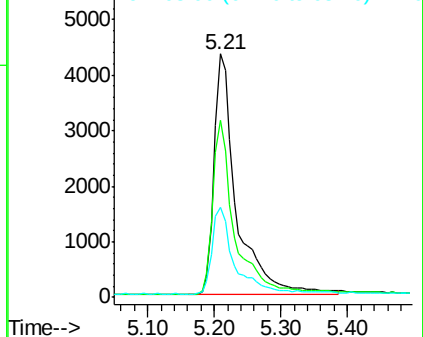
63 36.5 19.5 29.3#



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: 1.13 ng

RT: 6.78 min Scan# 668

Delta R.T. 0.00 min

Lab File: BE090630.D

Acq: 26 Aug 2015 1:10

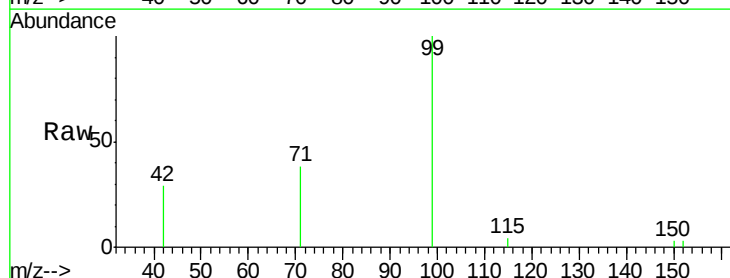
Tgt Ion: 99 Resp: 6890

Ion Ratio Lower Upper

99 100

42 19.5 18.2 27.4

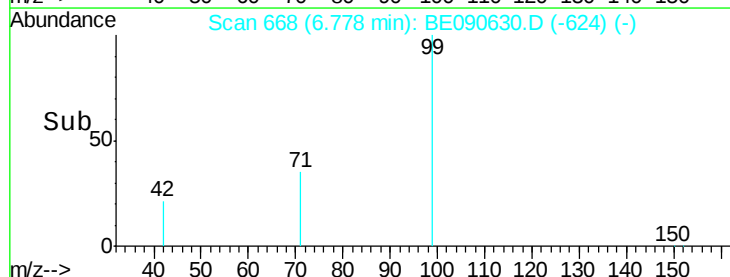
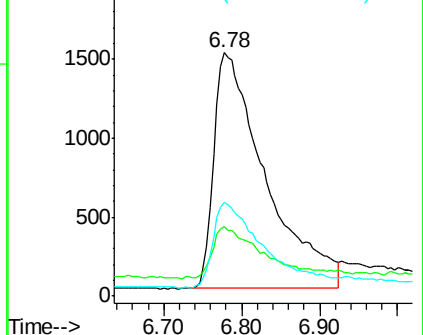
71 35.7 27.4 41.0

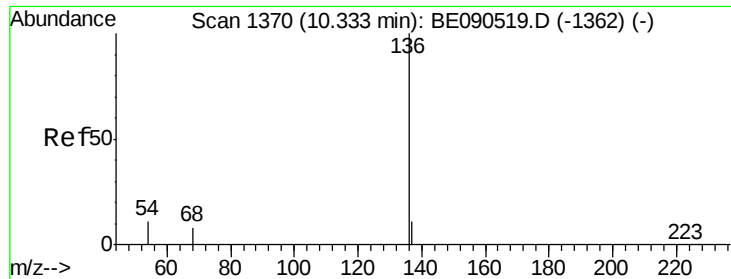


Abundance Ion 99.00 (98.70 to 99.70): BE090519.D (-656) (-)

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: BE090630.D

Acq: 26 Aug 2015 1:10

Instrument :

BNA_E

ClientSampleId :

Tot Ion:136 Resp: 61118

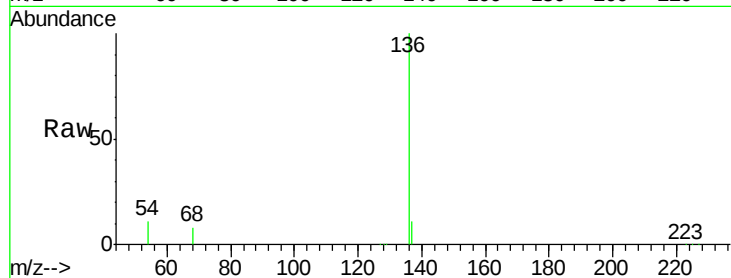
Ion Ratio Lower Upper

136 100

137 11.0 8.7 13.1

54 10.5 9.4 14.0

68 7.9 6.5 9.7

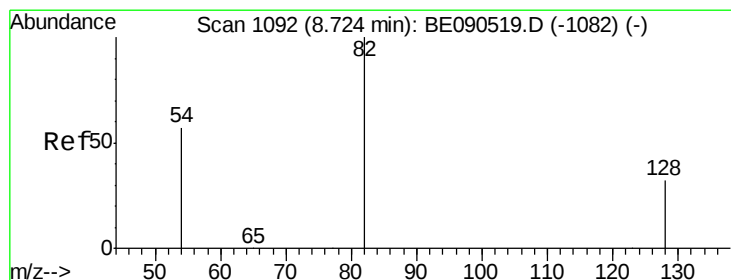
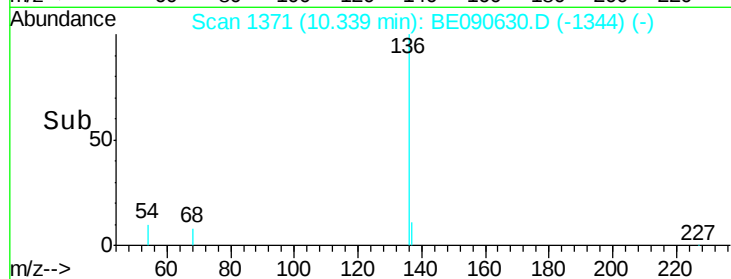
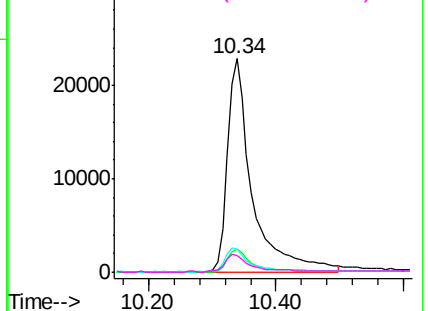


Abundance Ion 136.00 (135.70 to 136.70): E

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: 3.42 ng

RT: 8.74 min Scan# 1095

Delta R.T. 0.01 min

Lab File: BE090630.D

Acq: 26 Aug 2015 1:10

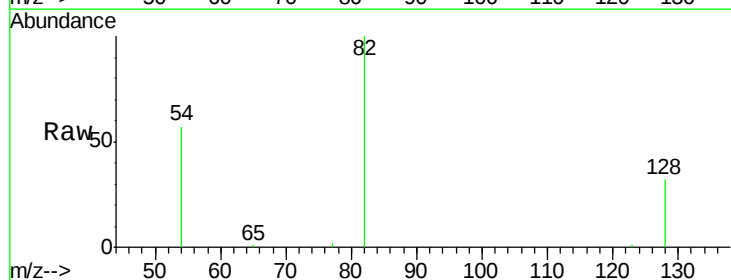
Tgt Ion: 82 Resp: 16633

Ion Ratio Lower Upper

82 100

128 32.2 25.0 37.6

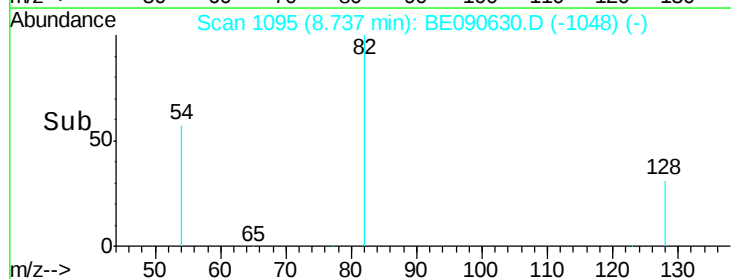
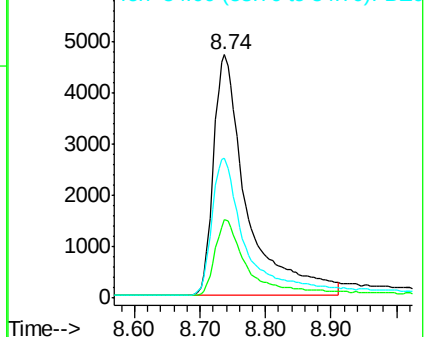
54 57.3 48.8 73.2

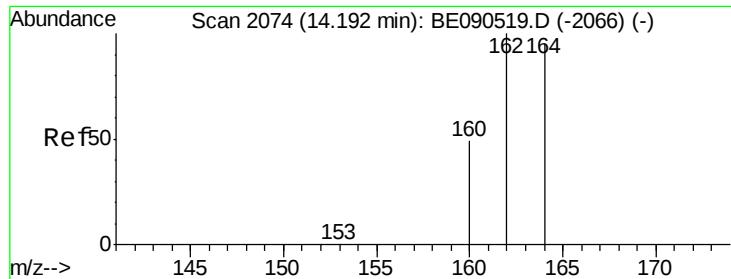


Abundance Ion 82.00 (81.70 to 82.70): BE0

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: BE090630.D

Acq: 26 Aug 2015 1:10

Instrument :

BNA_E

ClientSampleId :

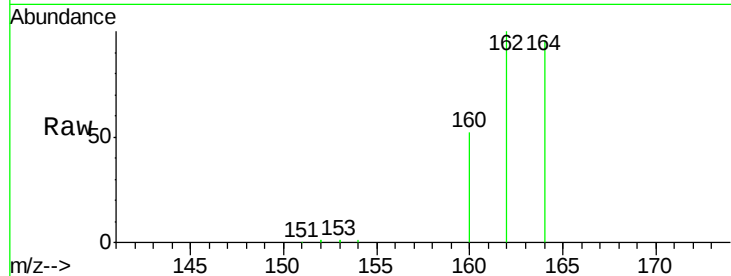
Tot Ion:164 Resp: 35615

Ion Ratio Lower Upper

164 100

162 103.8 81.8 122.8

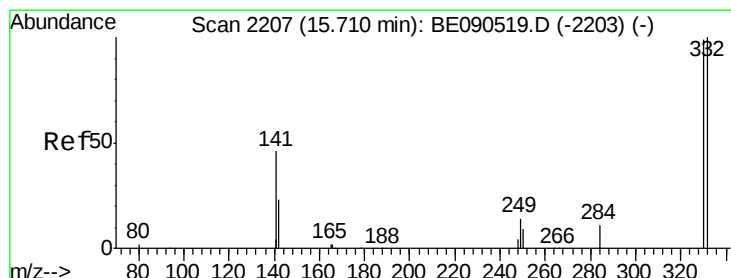
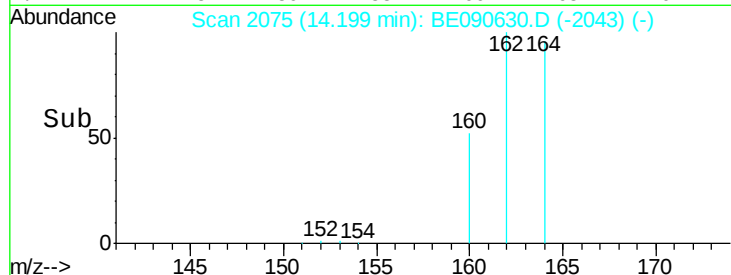
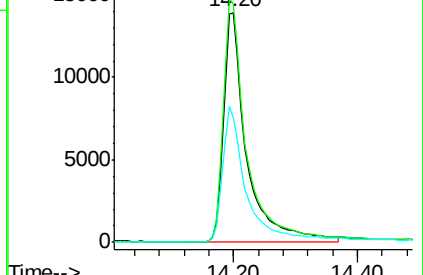
160 54.4 44.2 66.4



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: 9.07 ng

RT: 15.71 min Scan# 2207

Delta R.T. -0.00 min

Lab File: BE090630.D

Acq: 26 Aug 2015 1:10

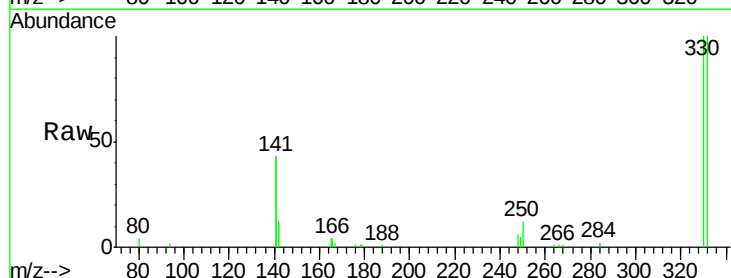
Tgt Ion:330 Resp: 12429

Ion Ratio Lower Upper

330 100

332 96.2 75.8 113.6

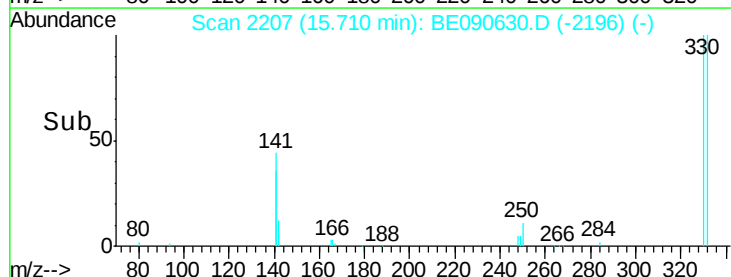
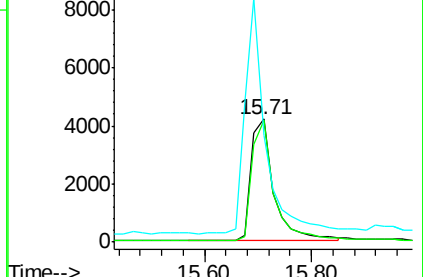
141 173.0 114.4 171.6#

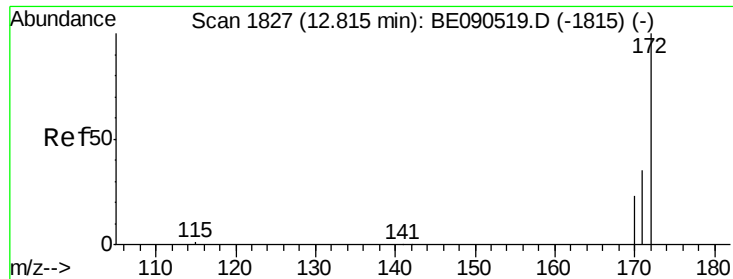


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

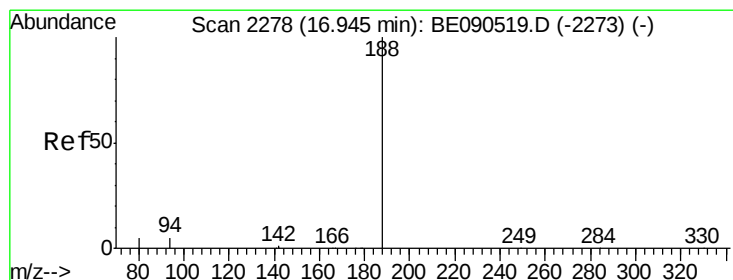
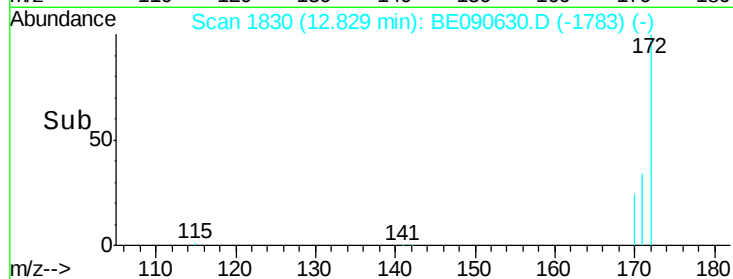
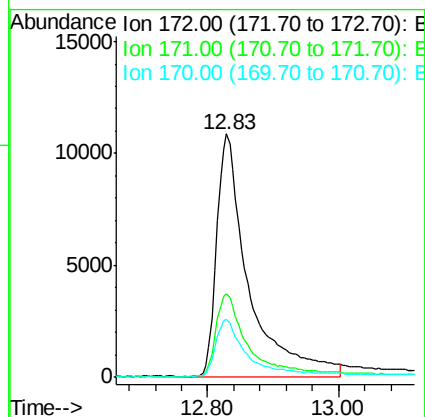
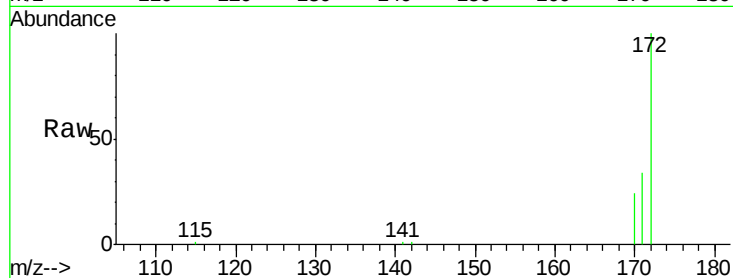




#14
2-Fluorobiphenyl
Concen: 3.43 ng
RT: 12.83 min Scan# 1830
Delta R.T. 0.01 min
Lab File: BE090630.D
Acq: 26 Aug 2015 1:10

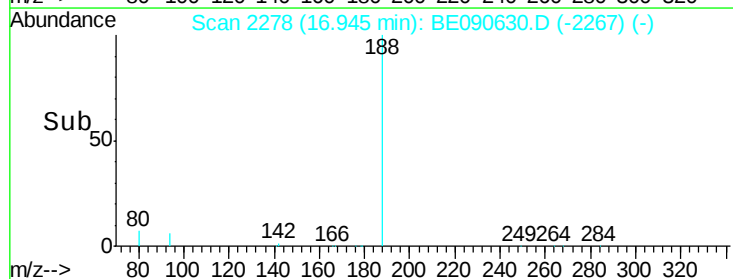
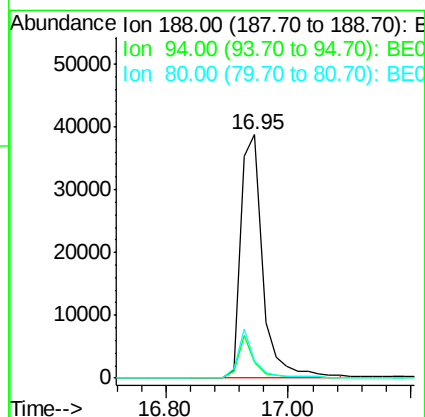
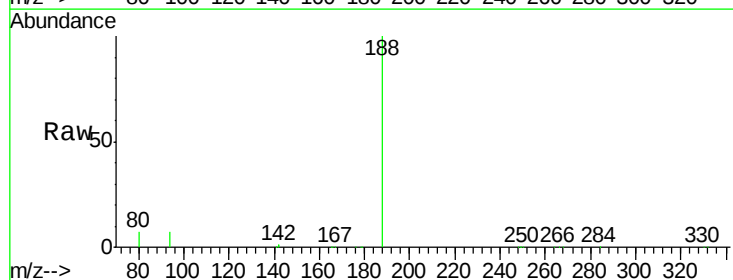
Instrument :
BNA_E
ClientSampleId :

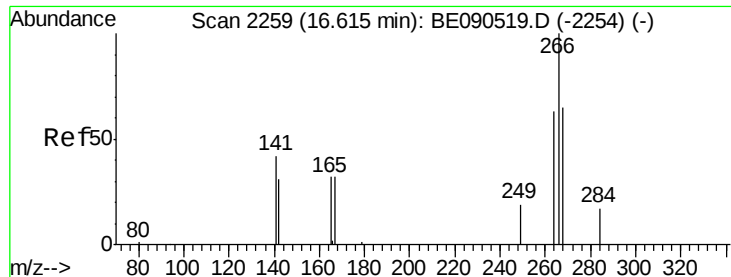
Tot Ion:172 Resp: 36525
Ion Ratio Lower Upper
172 100
171 34.4 28.5 42.7
170 23.9 19.8 29.8



#18
Phenanthrene-d10
Concen: 5.00 ng
RT: 16.95 min Scan# 2278
Delta R.T. -0.00 min
Lab File: BE090630.D
Acq: 26 Aug 2015 1:10

Tgt Ion:188 Resp: 96729
Ion Ratio Lower Upper
188 100
94 6.5 5.7 8.5
80 7.0 5.8 8.8

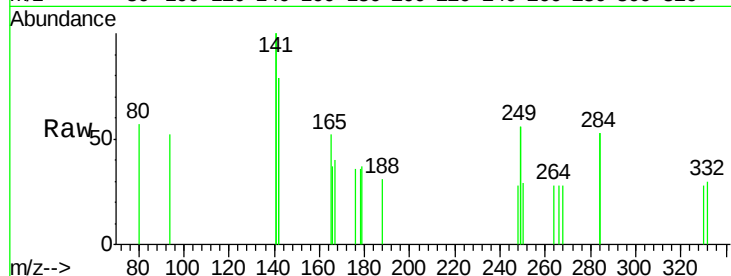




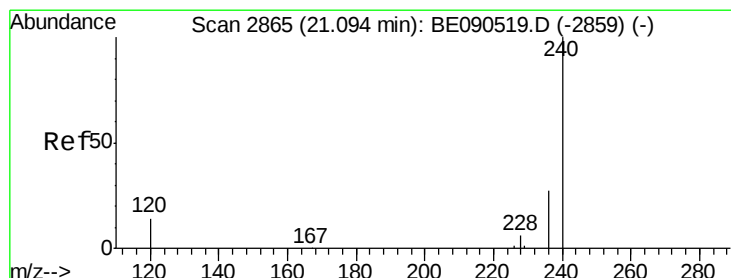
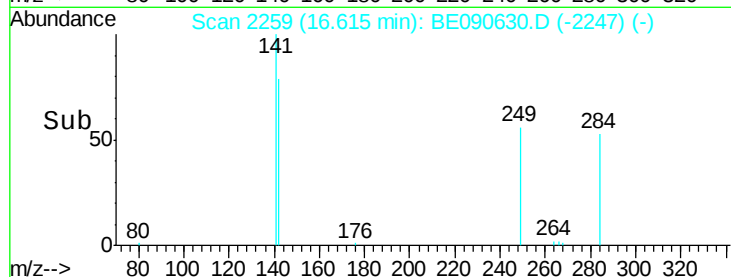
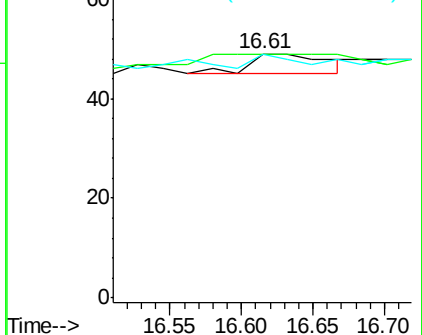
#21
 Pentachlorophenol
 Concen: 0.31 ng
 RT: 16.61 min Scan# 2259
 Delta R.T. 0.00 min
 Lab File: BE090630.D
 Acq: 26 Aug 2015 1:10

Instrument :
 BNA_E
 ClientSampled :

Tot Ion:266 Resp: 16
 Ion Ratio Lower Upper
 266 100
 268 100.0 58.5 87.7#
 264 100.0 56.0 84.0#

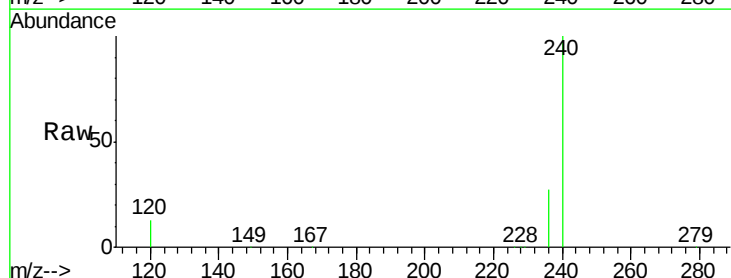


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

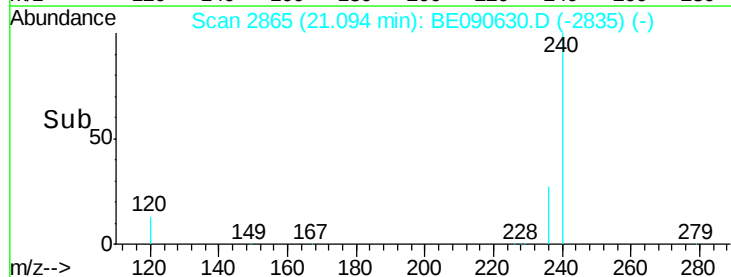
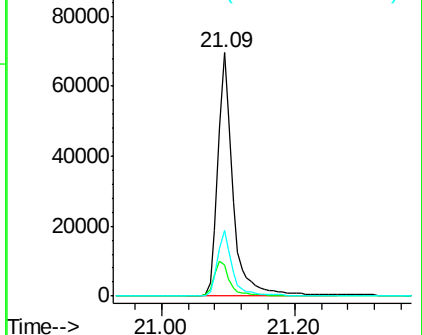


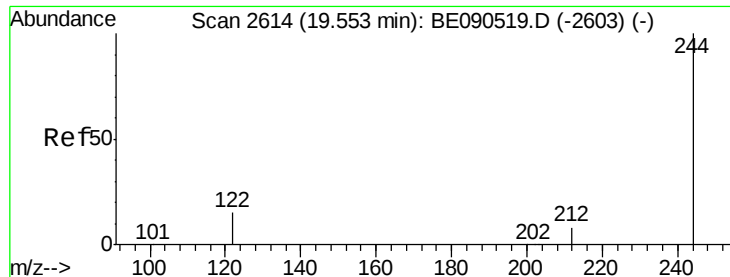
#25
 Chrysene-d12
 Concen: 5.00 ng
 RT: 21.09 min Scan# 2865
 Delta R.T. 0.00 min
 Lab File: BE090630.D
 Acq: 26 Aug 2015 1:10

Tgt Ion:240 Resp: 108677
 Ion Ratio Lower Upper
 240 100
 120 12.9 8.3 12.5#
 236 27.1 21.0 31.4



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

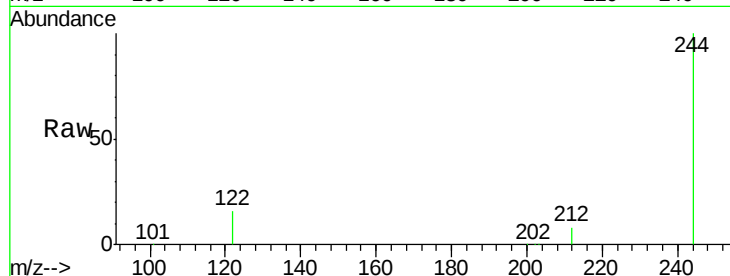




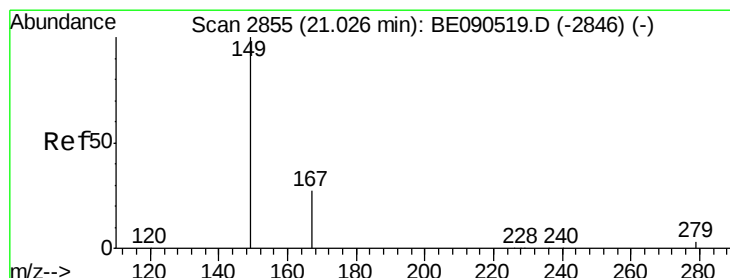
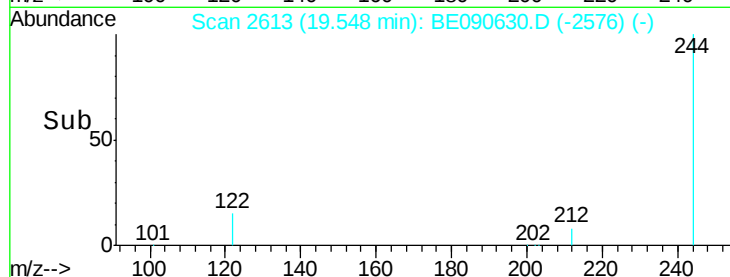
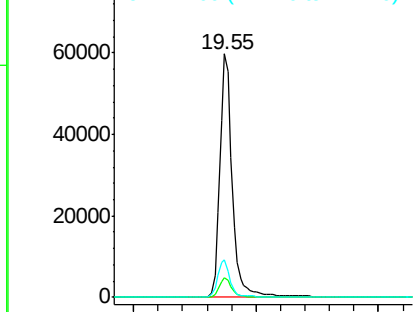
#27
 Terphenyl-d14
 Concen: 4.29 ng
 RT: 19.55 min Scan# 2613
 Delta R.T. -0.00 min
 Lab File: BE090630.D
 Acq: 26 Aug 2015 1:10

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion:244 Resp: 85174
 Ion Ratio Lower Upper
 244 100
 212 8.1 6.6 9.8
 122 15.6 10.2 15.4#

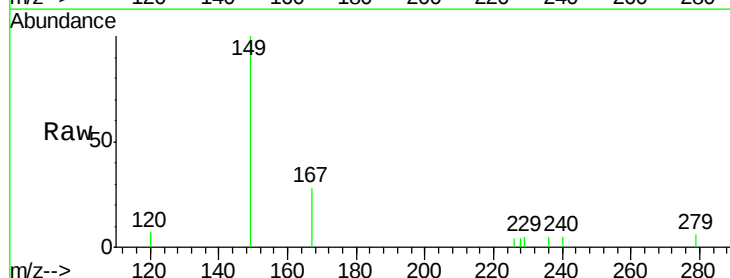


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E

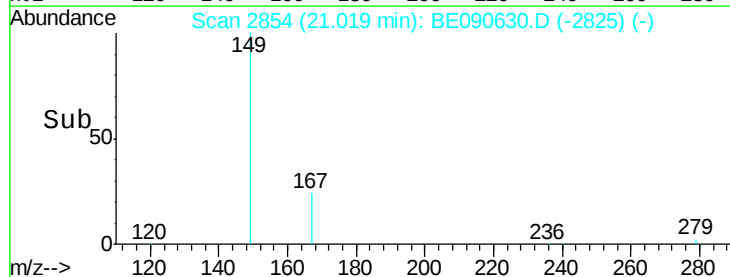
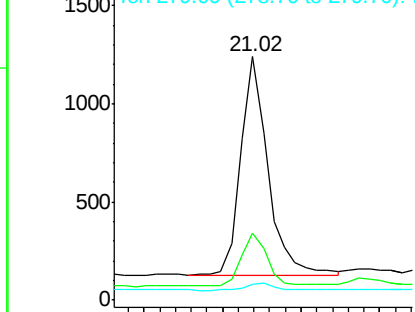


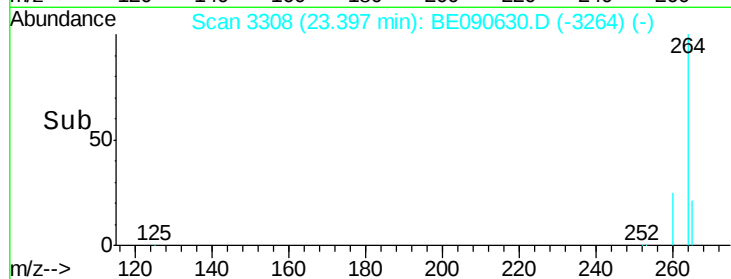
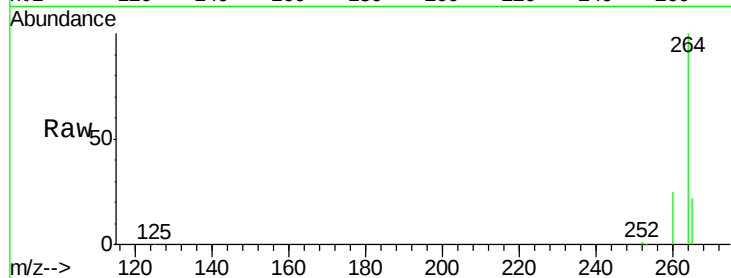
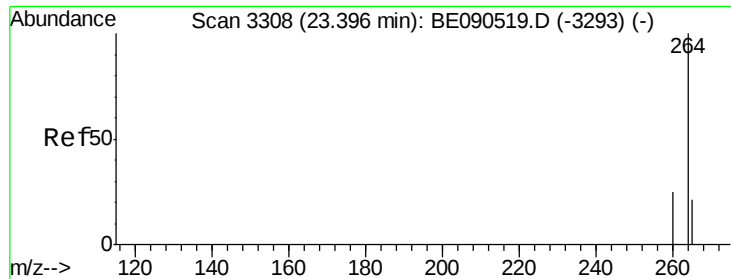
#30
 Bis(2-ethylhexyl)phthalate
 Concen: 0.22 ng
 RT: 21.02 min Scan# 2854
 Delta R.T. -0.01 min
 Lab File: BE090630.D
 Acq: 26 Aug 2015 1:10

Tgt Ion:149 Resp: 1351
 Ion Ratio Lower Upper
 149 100
 167 23.7 19.8 29.8
 279 3.6 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# 3308
 Delta R.T. 0.00 min
 Lab File: BE090630.D
 Acq: 26 Aug 2015 1:10

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion: 264 Resp: 93038
 Ion Ratio Lower Upper
 264 100
 260 25.3 20.1 30.1
 265 21.8 17.2 25.8

