

Data Path : Z:\HPCHEM1\BNA E\DATA\BE081715\
 Data File : BE090543.D
 Acq On : 17 Aug 2015 21:19
 Operator : UM/IZ
 Sample : G3323-08
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Aug 18 04:36:30 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

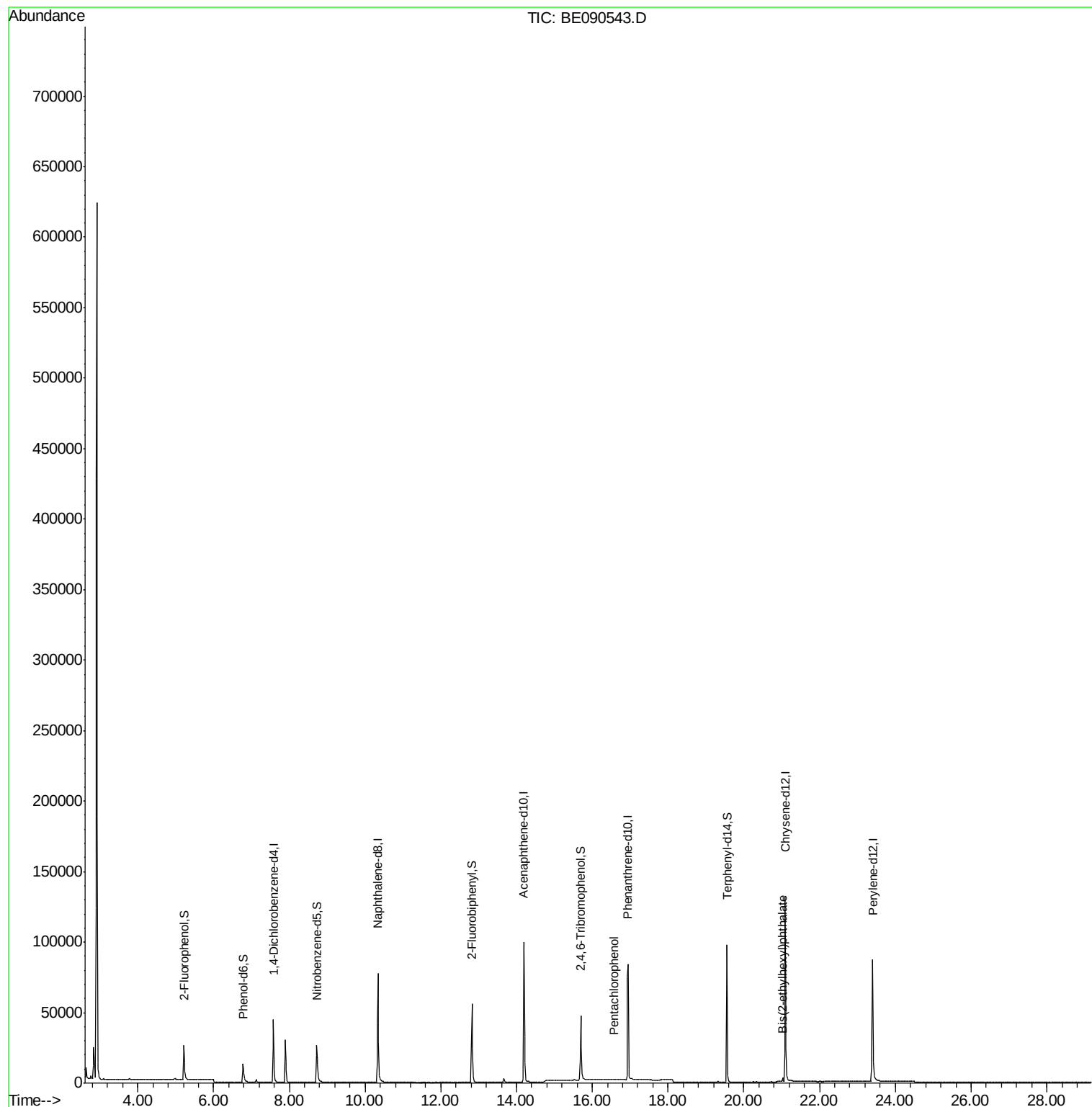
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.58	152	23250	5.00	ng	0.00
6) Naphthalene-d8	10.34	136	117868	5.00	ng	0.00
12) Acenaphthene-d10	14.19	164	64849	5.00	ng	0.00
18) Phenanthrene-d10	16.94	188	138544	5.00	ng	0.00
25) Chrysene-d12	21.10	240	138735	5.00	ng	0.00
32) Perylene-d12	23.40	264	128010	5.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.22	112	21625	3.22	ng	0.00
5) Phenol-d6	6.78	99	21054	2.13	ng	0.00
7) Nitrobenzene-d5	8.73	82	32484	3.46	ng	0.00
13) 2,4,6-Tribromophenol	15.69	330	21743	8.71	ng	-0.02
14) 2-Fluorobiphenyl	12.82	172	65666	3.39	ng	0.00
27) Terphenyl-d14	19.55	244	99078	3.90	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.28	88	34	Below Cal	#	1
21) Pentachlorophenol	16.56	266	27	0.31 ng	#	68
30) Bis(2-ethylhexyl)phthalate	21.03	149	2453	0.25 ng	#	98

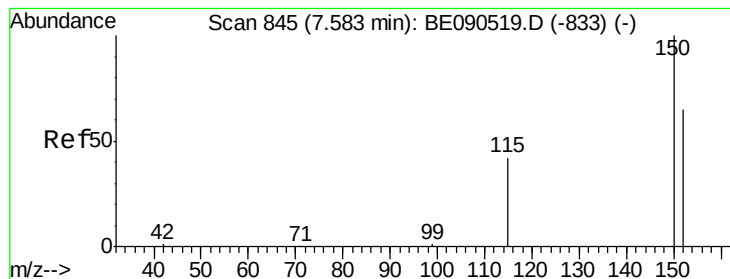
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 7.58 min Scan# 845

Delta R.T. -0.00 min

Lab File: BE090543.D

Acq: 17 Aug 2015 21:19

Instrument :

BNA_E

ClientSampleId :

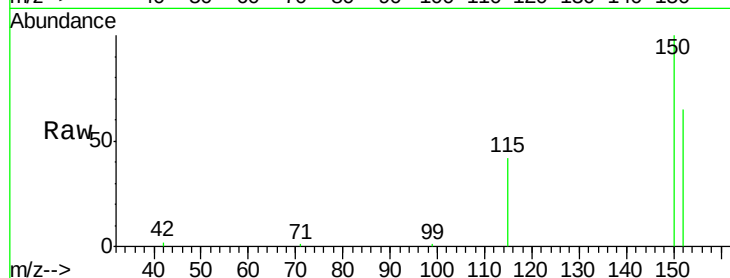
Tot Ion:152 Resp: 23250

Ion Ratio Lower Upper

152 100

150 154.8 123.0 184.4

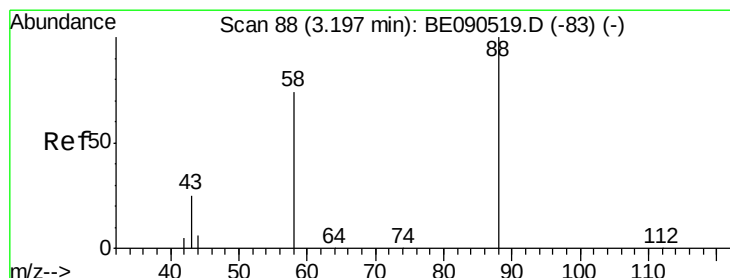
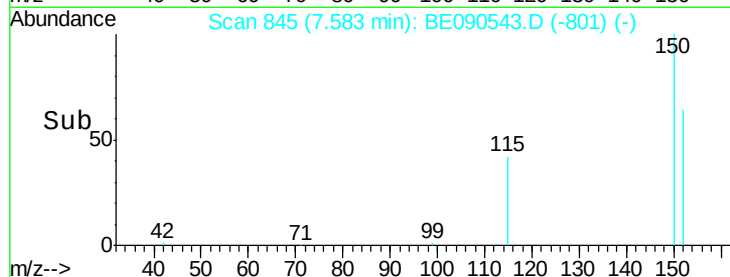
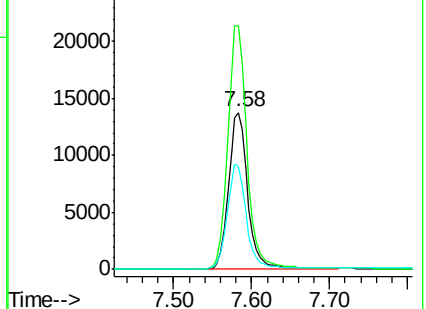
115 65.3 48.9 73.3



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: 3.28 min Scan# 100

Delta R.T. 0.08 min

Lab File: BE090543.D

Acq: 17 Aug 2015 21:19

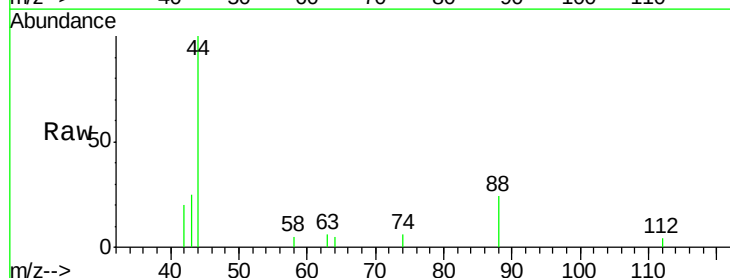
Tgt Ion: 88 Resp: 34

Ion Ratio Lower Upper

88 100

58 29.4 70.0 105.0#

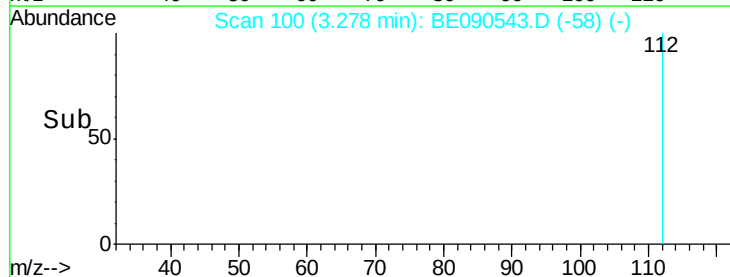
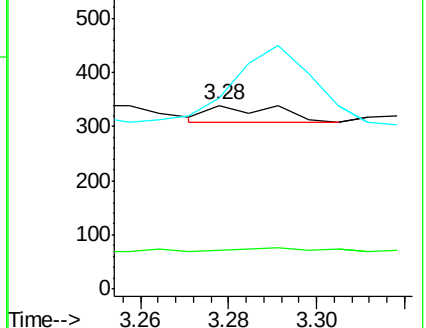
43 564.7 28.4 42.6#

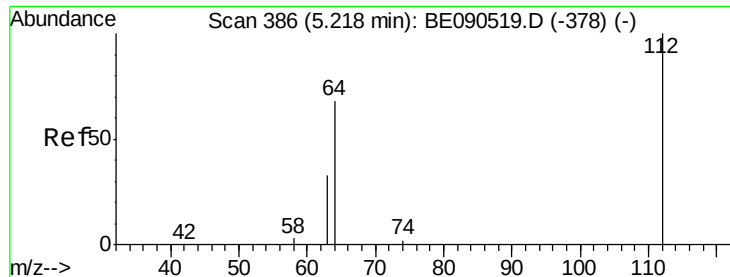


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#4

2-Fluorophenol

Concen: 3.22 ng

RT: 5.22 min Scan# 386

Delta R.T. -0.00 min

Lab File: BE090543.D

Acq: 17 Aug 2015 21:19

Instrument :

BNA_E

ClientSampleId :

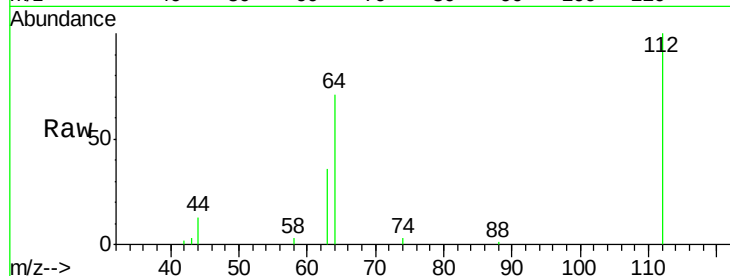
Tot Ion:112 Resp: 21625

Ion Ratio Lower Upper

112 100

64 69.5 37.1 55.7#

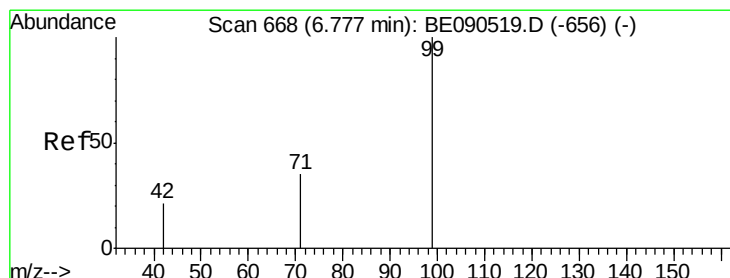
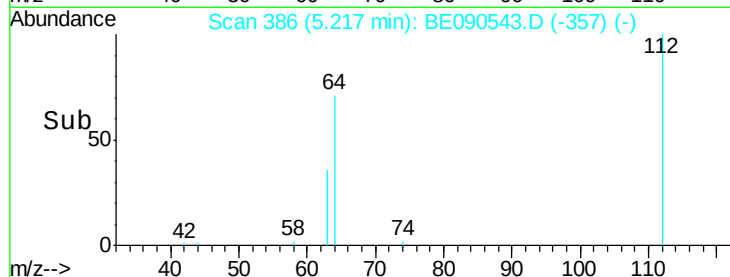
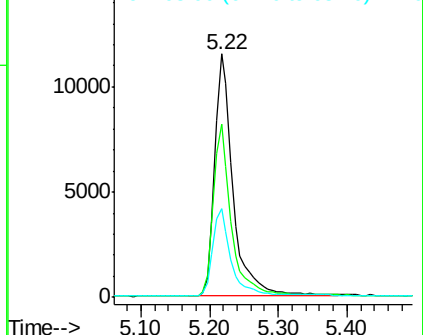
63 34.7 19.5 29.3#



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: 2.13 ng

RT: 6.78 min Scan# 668

Delta R.T. -0.00 min

Lab File: BE090543.D

Acq: 17 Aug 2015 21:19

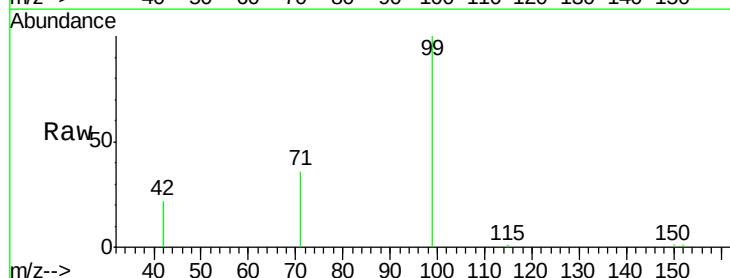
Tgt Ion: 99 Resp: 21054

Ion Ratio Lower Upper

99 100

42 20.5 18.2 27.4

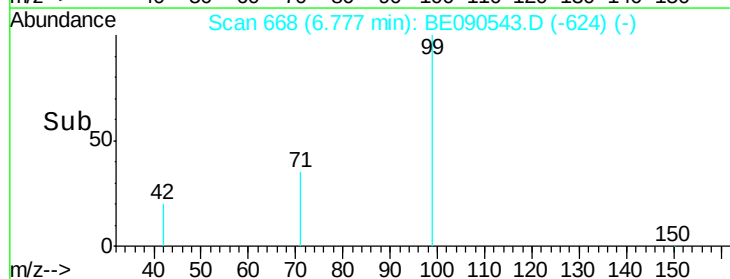
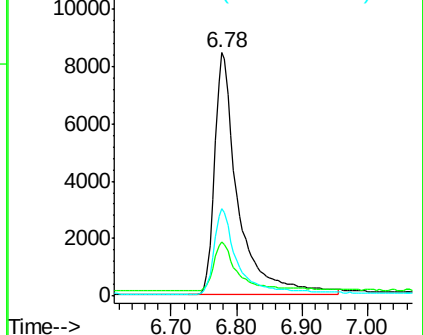
71 34.9 27.4 41.0

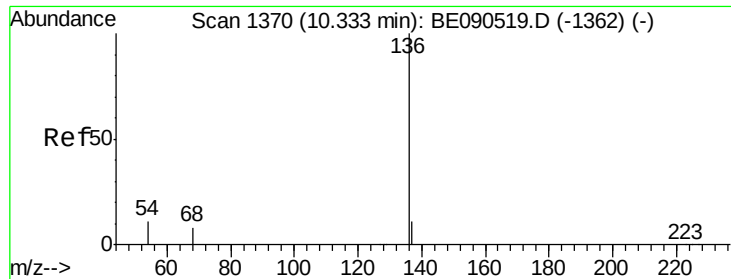


Abundance Ion 99.00 (98.70 to 99.70): BE0

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. 0.01 min

Lab File: BE090543.D

Acq: 17 Aug 2015 21:19

Instrument :

BNA_E

ClientSampleId :

Tot Ion:136 Resp: 117868

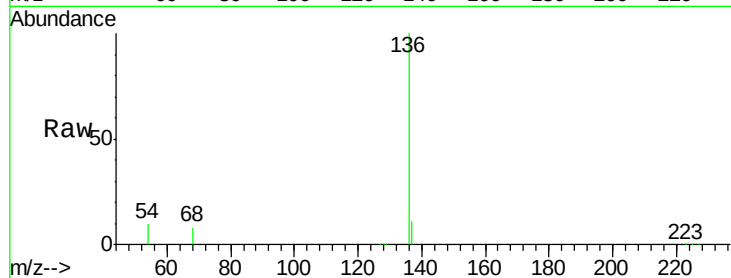
Ion Ratio Lower Upper

136 100

137 11.1 8.7 13.1

54 10.2 9.4 14.0

68 7.8 6.5 9.7

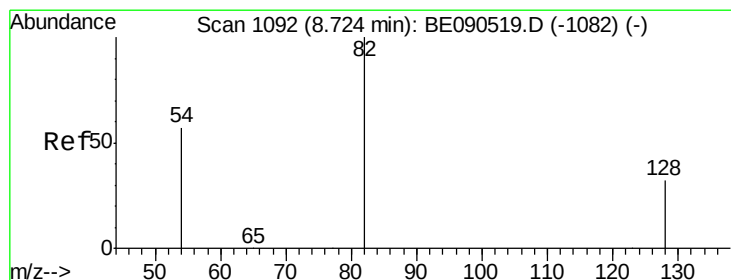
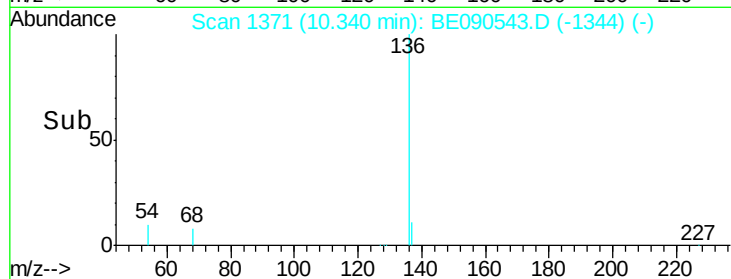
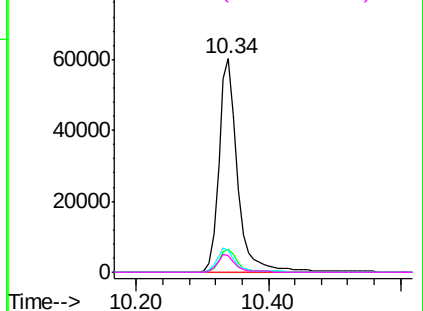


Abundance Ion 136.00 (135.70 to 136.70): E

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: 3.46 ng

RT: 8.73 min Scan# 1092

Delta R.T. 0.00 min

Lab File: BE090543.D

Acq: 17 Aug 2015 21:19

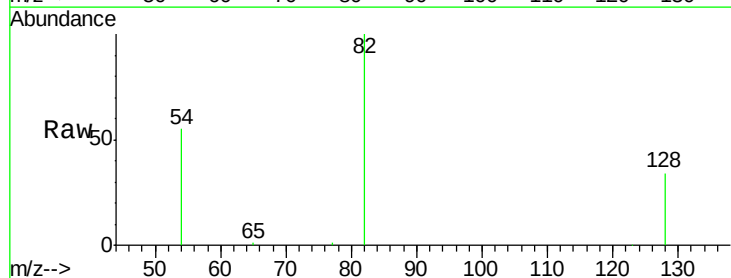
Tgt Ion: 82 Resp: 32484

Ion Ratio Lower Upper

82 100

128 33.7 25.0 37.6

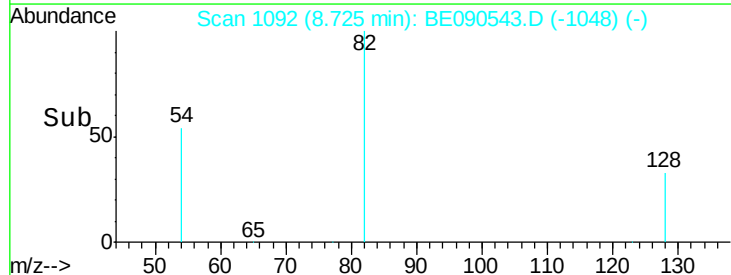
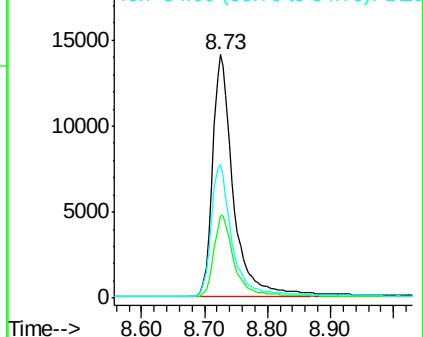
54 54.7 48.8 73.2

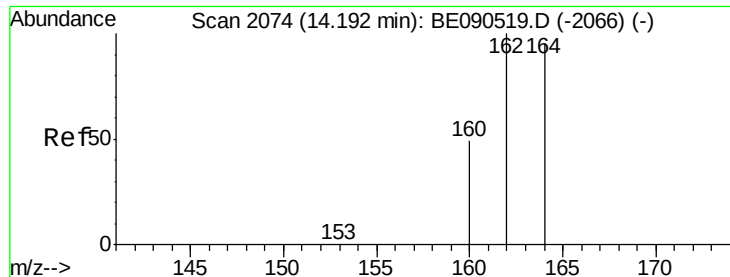


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0

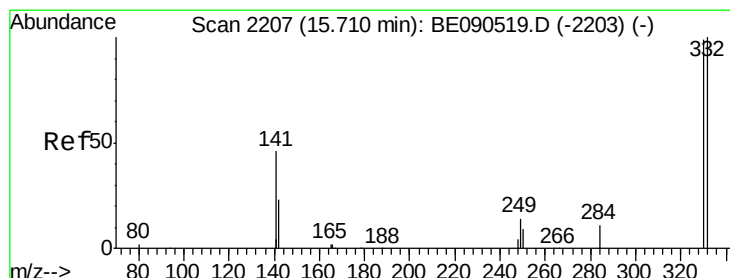
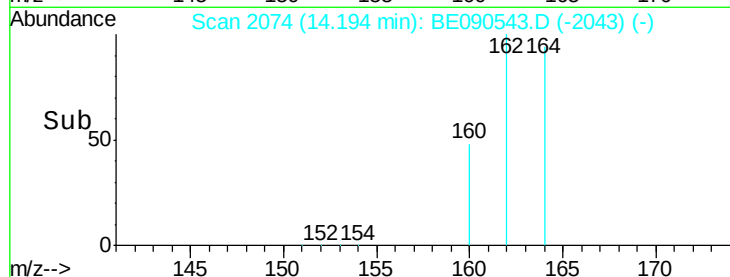
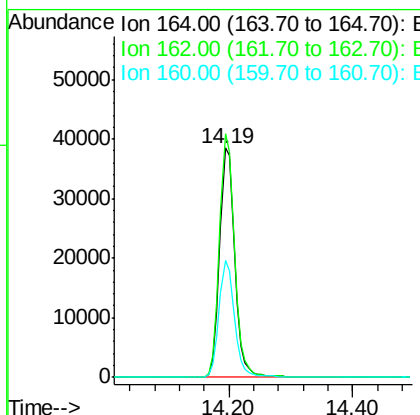
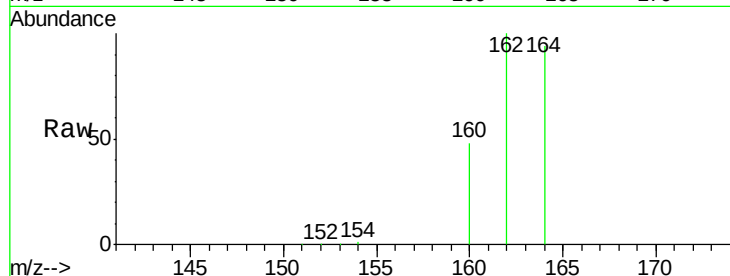




#12
 Acenaphthene-d10
 Concen: 5.00 ng
 RT: 14.19 min Scan# 2074
 Delta R.T. 0.00 min
 Lab File: BE090543.D
 Acq: 17 Aug 2015 21:19

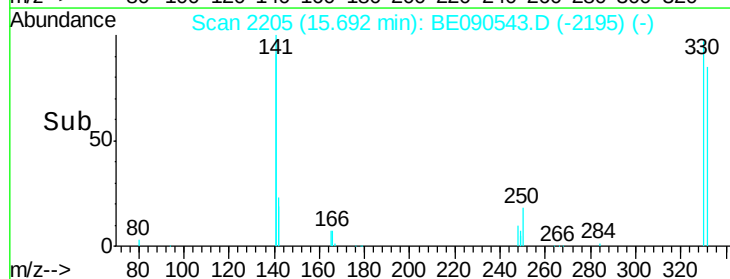
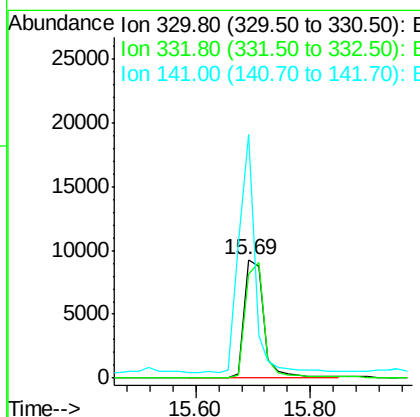
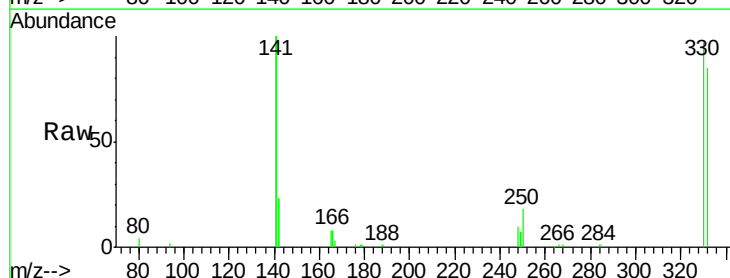
Instrument :
 BNA_E
 ClientSampleId :

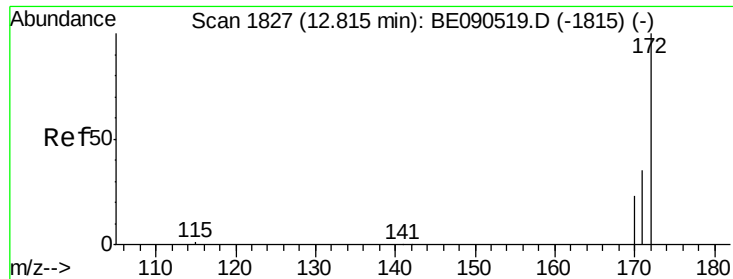
Tot Ion:164 Resp: 64849
 Ion Ratio Lower Upper
 164 100
 162 106.3 81.8 122.8
 160 51.1 44.2 66.4



#13
 2,4,6-Tribromophenol
 Concen: 8.71 ng
 RT: 15.69 min Scan# 2205
 Delta R.T. -0.02 min
 Lab File: BE090543.D
 Acq: 17 Aug 2015 21:19

Tgt Ion:330 Resp: 21743
 Ion Ratio Lower Upper
 330 100
 332 95.6 75.8 113.6
 141 165.2 114.4 171.6

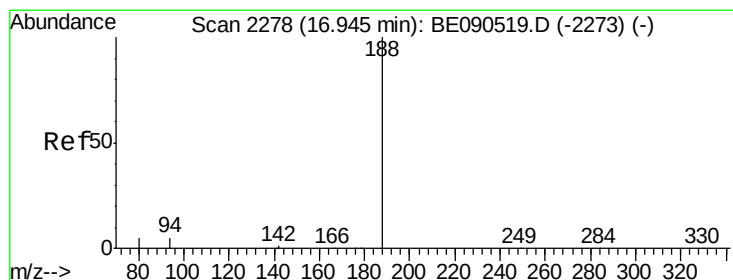
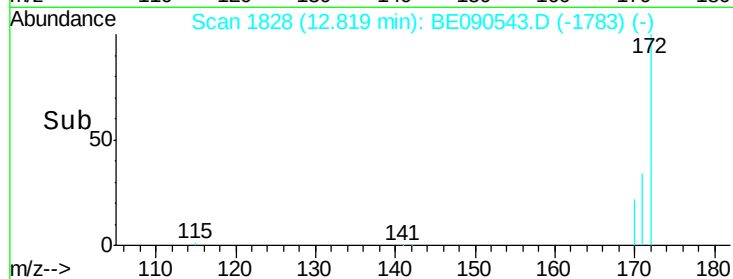
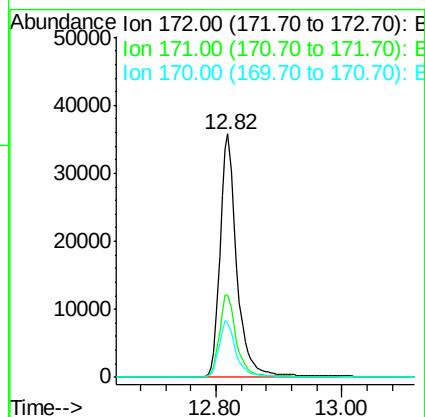
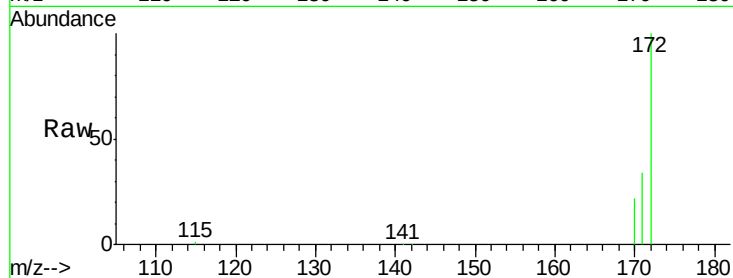




#14
2-Fluorobiphenyl
Concen: 3.39 ng
RT: 12.82 min Scan# 1828
Delta R.T. 0.00 min
Lab File: BE090543.D
Acq: 17 Aug 2015 21:19

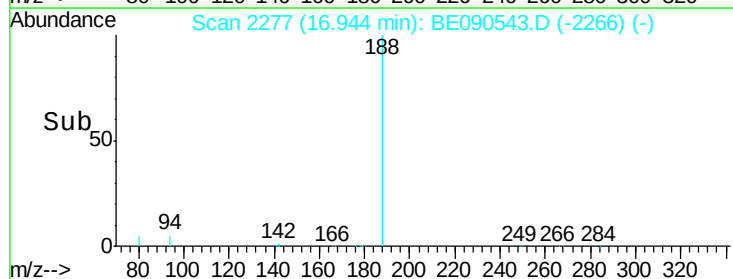
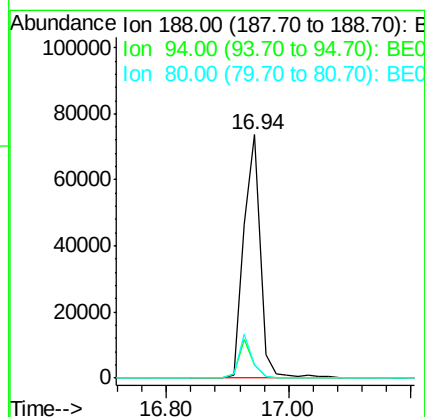
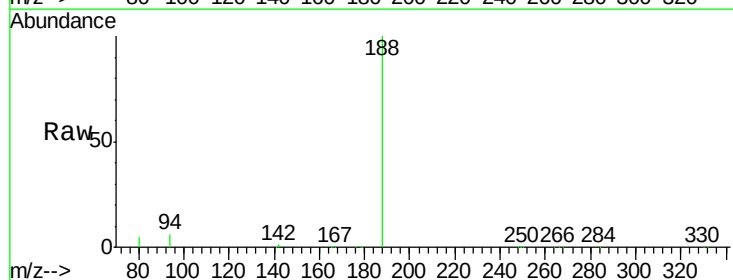
Instrument :
BNA_E
ClientSampleId :

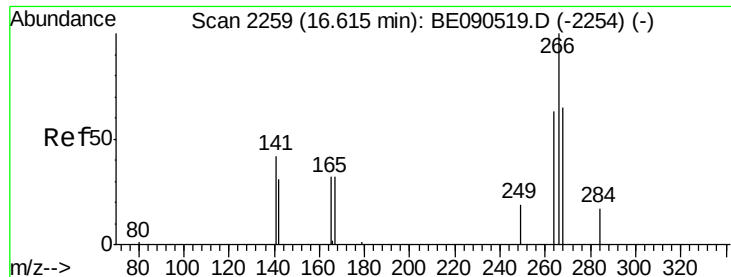
Tot Ion:172 Resp: 65666
Ion Ratio Lower Upper
172 100
171 33.8 28.5 42.7
170 22.4 19.8 29.8



#18
Phenanthrene-d10
Concen: 5.00 ng
RT: 16.94 min Scan# 2277
Delta R.T. -0.00 min
Lab File: BE090543.D
Acq: 17 Aug 2015 21:19

Tgt Ion:188 Resp: 138544
Ion Ratio Lower Upper
188 100
94 5.6 5.7 8.5#
80 5.5 5.8 8.8#

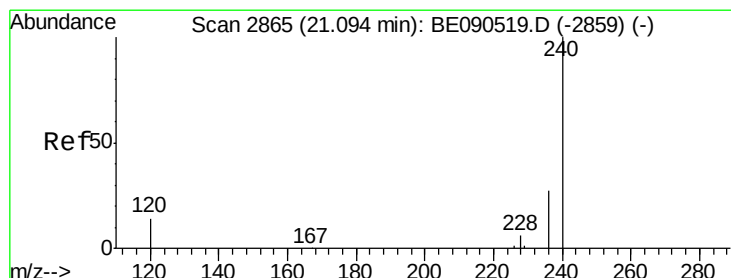
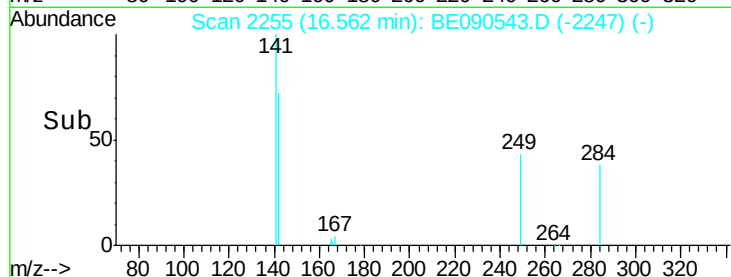
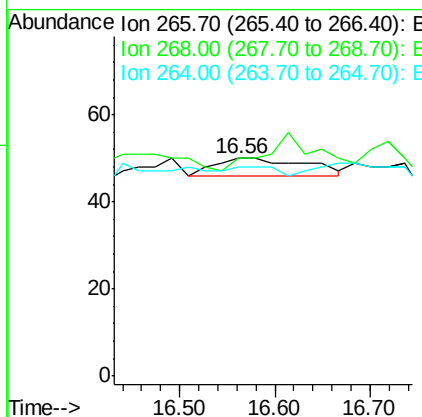
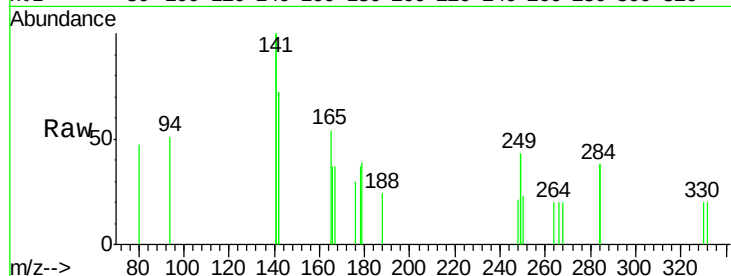




#21
 Pentachlorophenol
 Concen: 0.31 ng
 RT: 16.56 min Scan# 2255
 Delta R.T. -0.05 min
 Lab File: BE090543.D
 Acq: 17 Aug 2015 21:19

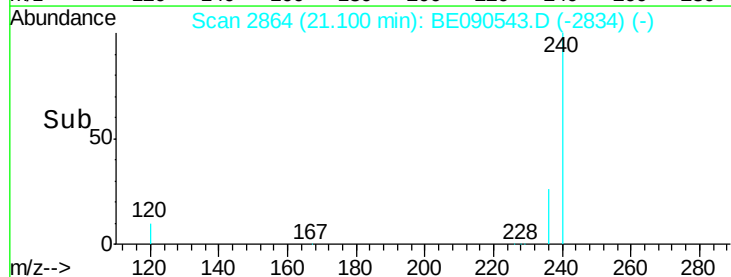
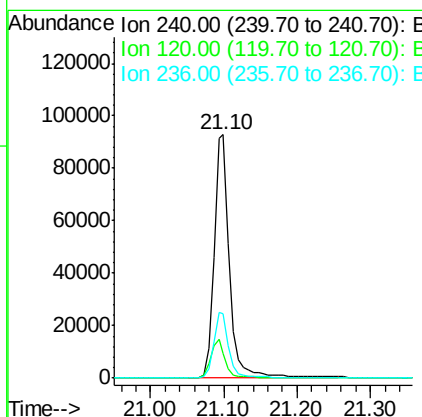
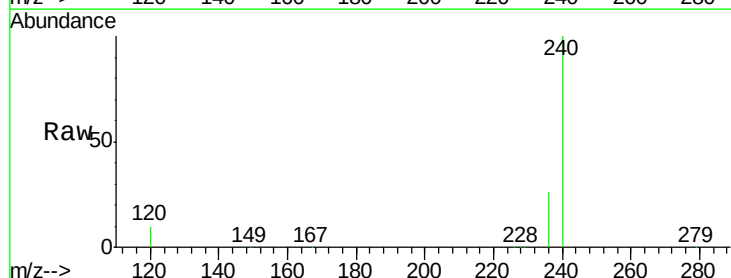
Instrument :
 BNA_E
 ClientSampleId :

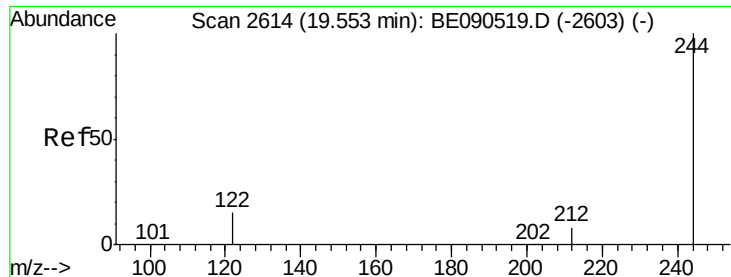
Tot Ion:266 Resp: 27
 Ion Ratio Lower Upper
 266 100
 268 100.0 58.5 87.7#
 264 96.0 56.0 84.0#



#25
 Chrysene-d12
 Concen: 5.00 ng
 RT: 21.10 min Scan# 2864
 Delta R.T. 0.01 min
 Lab File: BE090543.D
 Acq: 17 Aug 2015 21:19

Tgt Ion:240 Resp: 138735
 Ion Ratio Lower Upper
 240 100
 120 10.2 8.3 12.5
 236 26.3 21.0 31.4

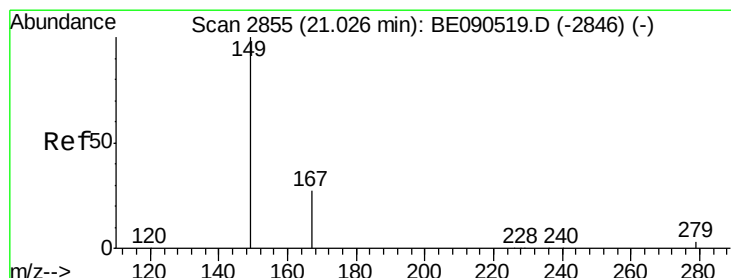
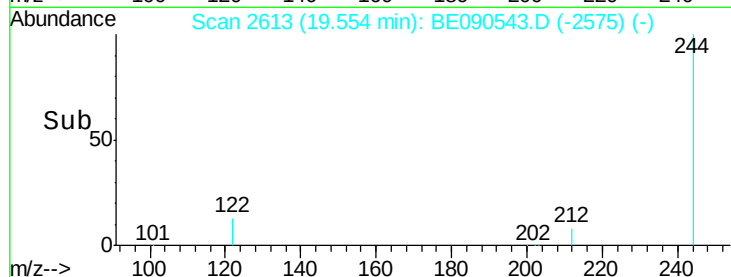
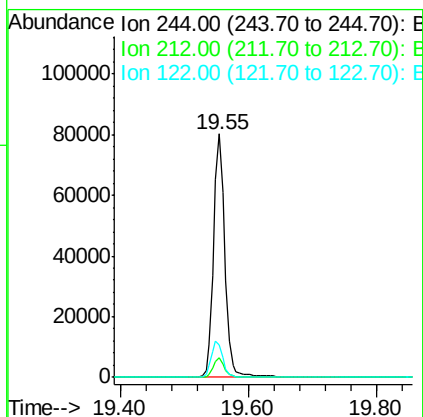
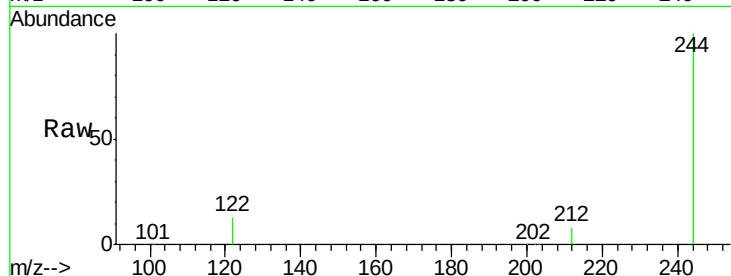




#27
 Terphenyl-d14
 Concen: 3.90 ng
 RT: 19.55 min Scan# 2613
 Delta R.T. 0.00 min
 Lab File: BE090543.D
 Acq: 17 Aug 2015 21:19

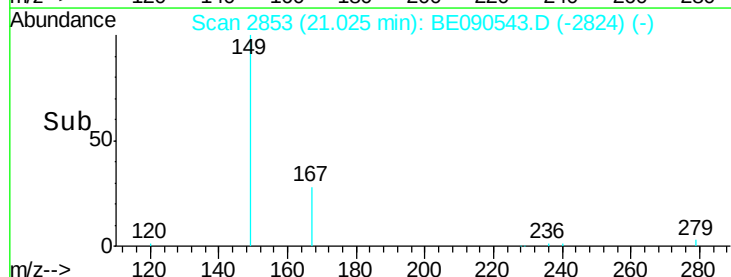
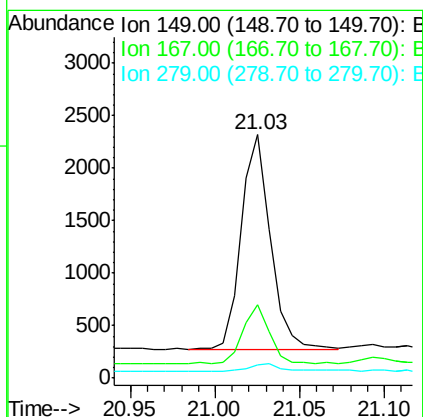
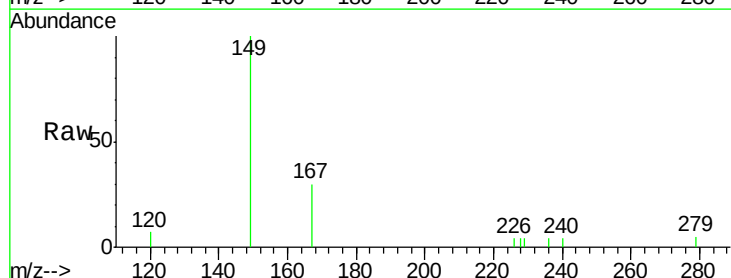
Instrument :
 BNA_E
 ClientSampleId :

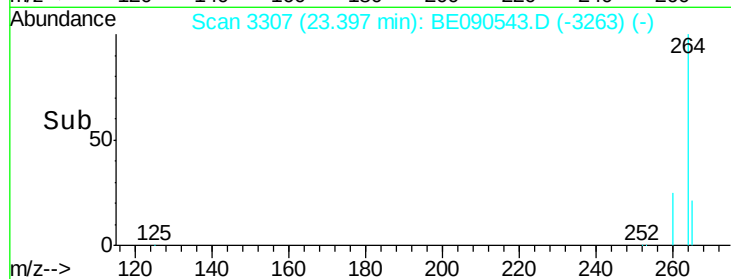
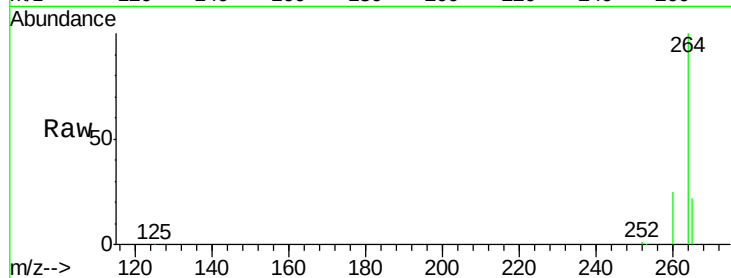
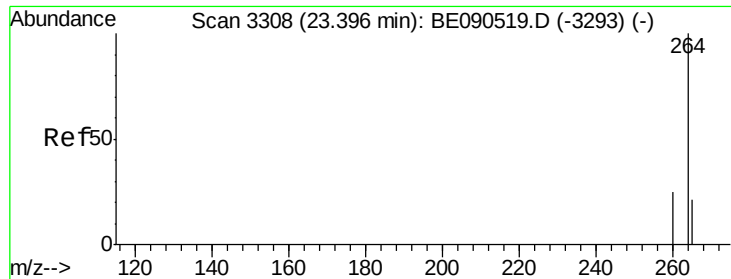
Tot Ion:244 Resp: 99078
 Ion Ratio Lower Upper
 244 100
 212 8.0 6.6 9.8
 122 13.5 10.2 15.4



#30
 Bis(2-ethylhexyl)phthalate
 Concen: 0.25 ng
 RT: 21.03 min Scan# 2853
 Delta R.T. 0.00 min
 Lab File: BE090543.D
 Acq: 17 Aug 2015 21:19

Tgt Ion:149 Resp: 2453
 Ion Ratio Lower Upper
 149 100
 167 25.9 19.8 29.8
 279 4.3 2.4 3.6#





#32
 Pervlene-d12
 Concen: 5.00 ng
 RT: 23.40 min Scan# 3307
 Delta R.T. 0.00 min
 Lab File: BE090543.D
 Acq: 17 Aug 2015 21:19

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.9	20.1	30.1
265	21.9	17.2	25.8

