

Data Path : Z:\HPCHEM1\BNA E\DATA\BE081715\
 Data File : BE090538.D
 Acq On : 17 Aug 2015 18:14
 Operator : UM/IZ
 Sample : G3323-03
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Aug 18 04:35:43 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

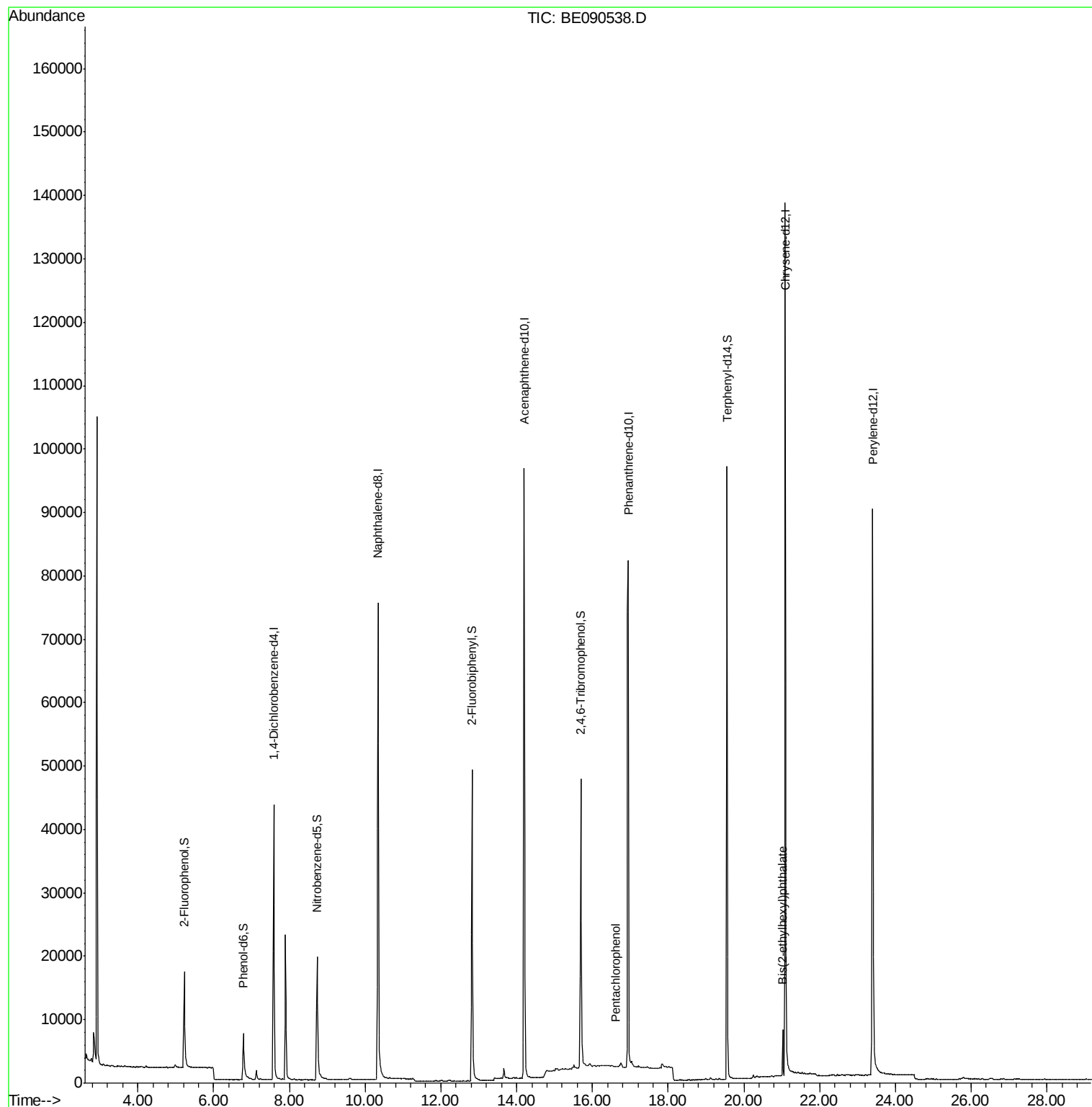
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.58	152	22624	5.00	ng	0.00
6) Naphthalene-d8	10.34	136	113062	5.00	ng	0.00
12) Acenaphthene-d10	14.20	164	63002	5.00	ng	0.00
18) Phenanthrene-d10	16.95	188	135393	5.00	ng	0.00
25) Chrysene-d12	21.09	240	138396	5.00	ng	0.00
32) Perylene-d12	23.40	264	129084	5.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.22	112	14371	2.20	ng	0.00
5) Phenol-d6	6.78	99	13220	1.37	ng	0.00
7) Nitrobenzene-d5	8.73	82	25077	2.78	ng	0.00
13) 2,4,6-Tribromophenol	15.69	330	21759	8.97	ng	-0.02
14) 2-Fluorobiphenyl	12.82	172	56705	3.01	ng	0.00
27) Terphenyl-d14	19.55	244	101528	4.01	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.30	88	31	Below Cal	#	1
21) Pentachlorophenol	16.61	266	34	0.31 ng	#	77
30) Bis(2-ethylhexyl)phthalate	21.03	149	6449	0.43 ng		100

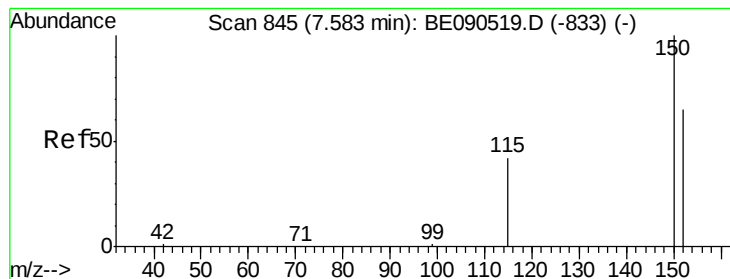
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BE090538.D

Acq: 17 Aug 2015 18:14

Instrument :

BNA_E

ClientSampleId :

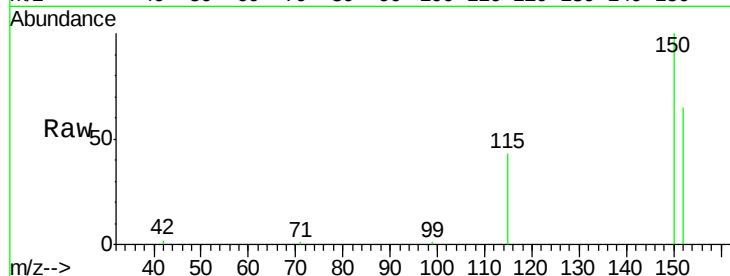
Tot Ion:152 Resp: 22624

Ion Ratio Lower Upper

152 100

150 154.5 123.0 184.4

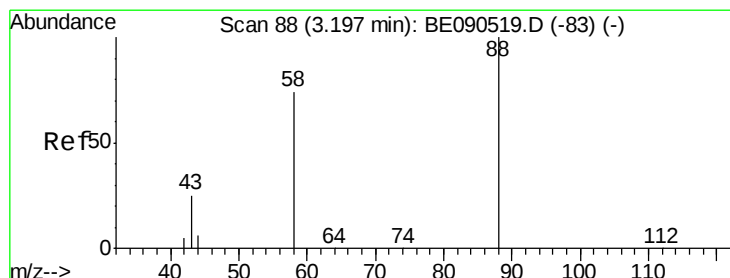
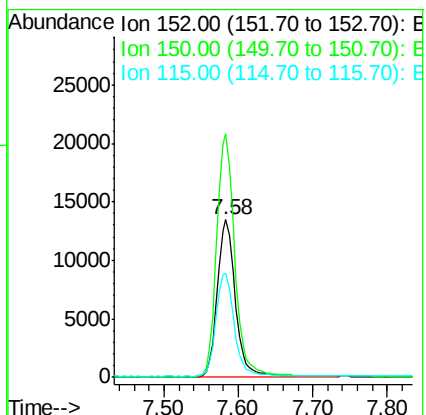
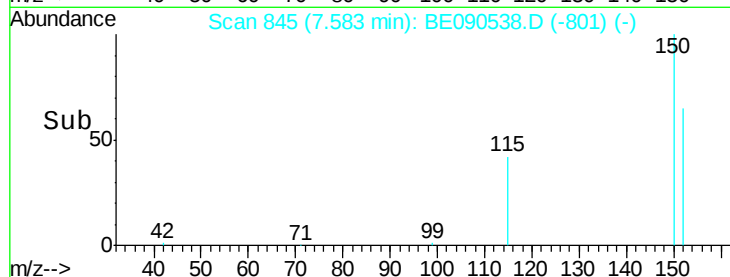
115 65.9 48.9 73.3



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: 3.30 min Scan# 103

Delta R.T. 0.10 min

Lab File: BE090538.D

Acq: 17 Aug 2015 18:14

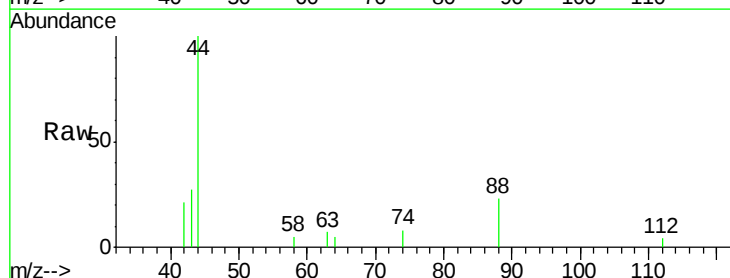
Tgt Ion: 88 Resp: 31

Ion Ratio Lower Upper

88 100

58 35.5 70.0 105.0#

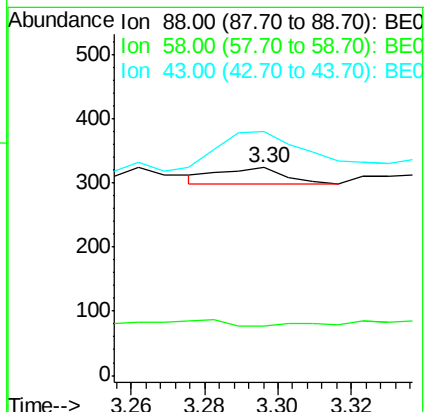
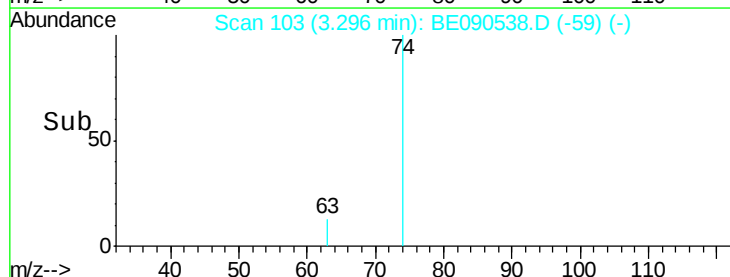
43 419.4 28.4 42.6#



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: 2.20 ng

RT: 5.22 min Scan# 387

Delta R.T. 0.00 min

Lab File: BE090538.D

Acq: 17 Aug 2015 18:14

Instrument :

BNA_E

ClientSampleId :

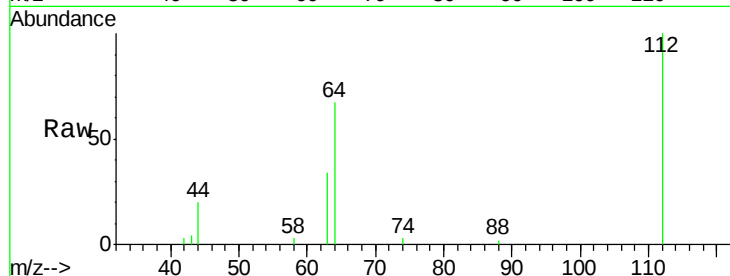
Tot Ion:112 Resp: 14371

Ion Ratio Lower Upper

112 100

64 70.1 37.1 55.7#

63 35.7 19.5 29.3#

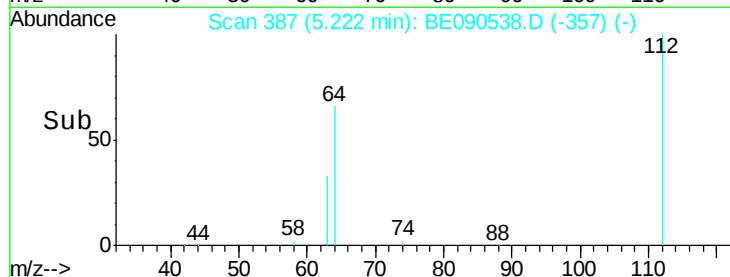


Abundance Ion 112.00 (111.70 to 112.70): BE090519.D (-378) (-)

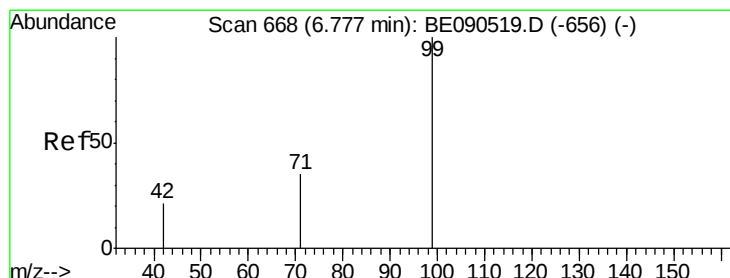
Ion 64.00 (63.70 to 64.70): BE090519.D (-378) (-)

Ion 63.00 (62.70 to 63.70): BE090519.D (-378) (-)

Time-->



Time-->



#5

Phenol-d6

Concen: 1.37 ng

RT: 6.78 min Scan# 669

Delta R.T. 0.00 min

Lab File: BE090538.D

Acq: 17 Aug 2015 18:14

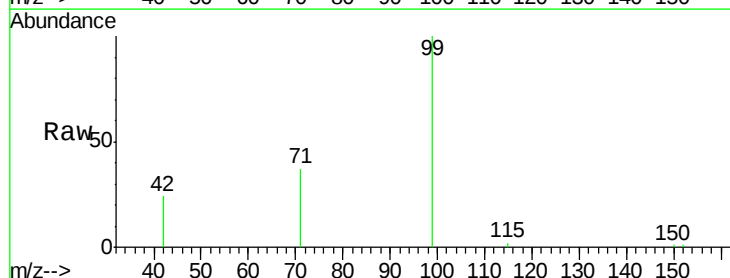
Tgt Ion: 99 Resp: 13220

Ion Ratio Lower Upper

99 100

42 18.7 18.2 27.4

71 35.5 27.4 41.0

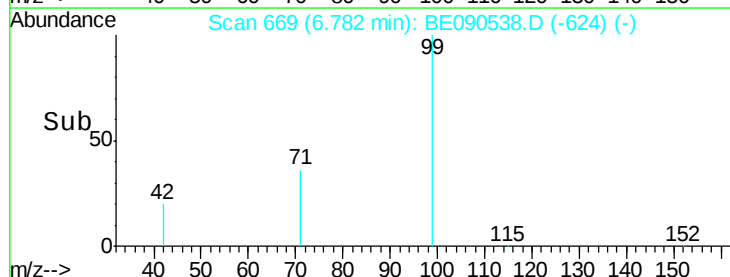


Abundance Ion 99.00 (98.70 to 99.70): BE090519.D (-656) (-)

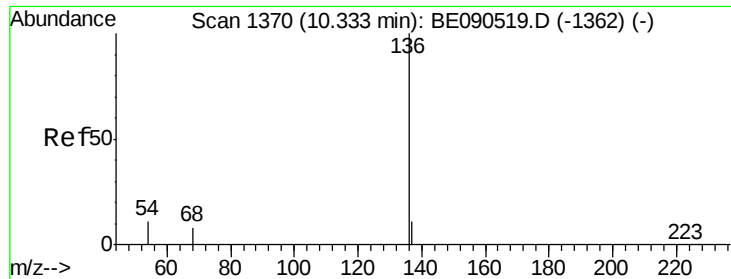
Ion 42.00 (41.70 to 42.70): BE090519.D (-656) (-)

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

Time-->



Time-->



#6

Naphthalene-d8

Concen: 5.00 ng

RT: 10.34 min Scan# 1371

Delta R.T. 0.01 min

Lab File: BE090538.D

Acq: 17 Aug 2015 18:14

Instrument :

BNA_E

ClientSampleId :

Tot Ion:136 Resp: 113062

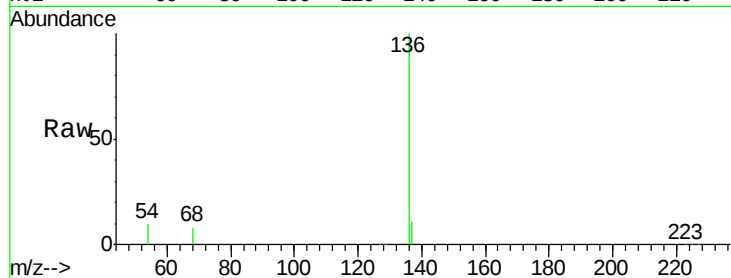
Ion Ratio Lower Upper

136 100

137 11.1 8.7 13.1

54 10.3 9.4 14.0

68 7.8 6.5 9.7

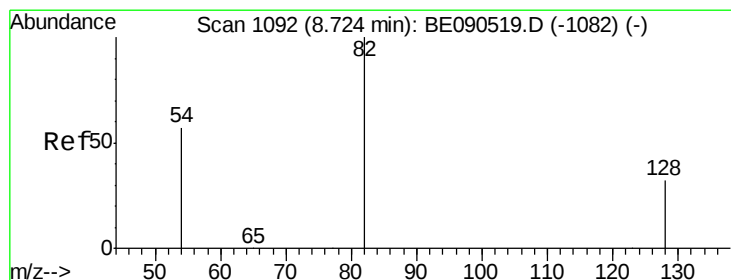
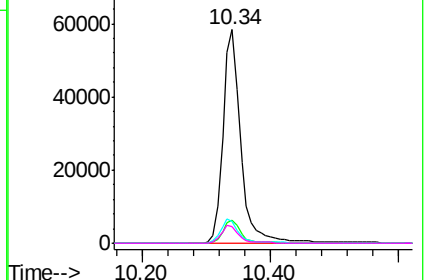
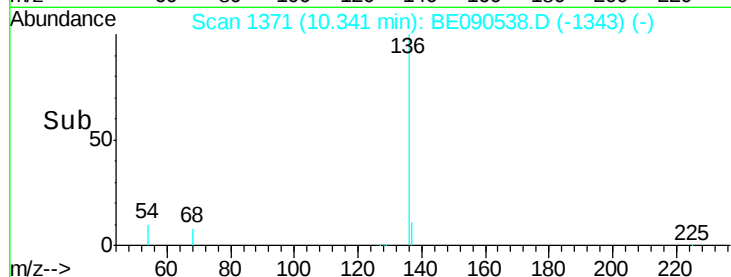


Abundance Ion 136.00 (135.70 to 136.70): E

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: 2.78 ng

RT: 8.73 min Scan# 1093

Delta R.T. 0.00 min

Lab File: BE090538.D

Acq: 17 Aug 2015 18:14

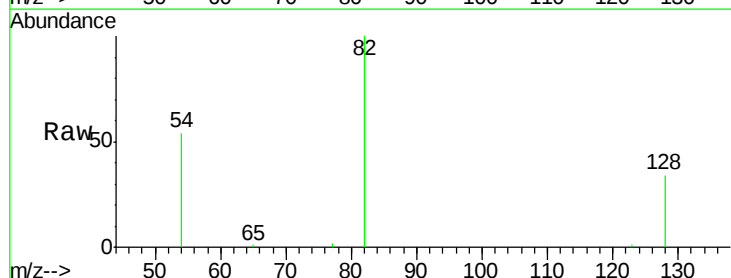
Tgt Ion: 82 Resp: 25077

Ion Ratio Lower Upper

82 100

128 33.9 25.0 37.6

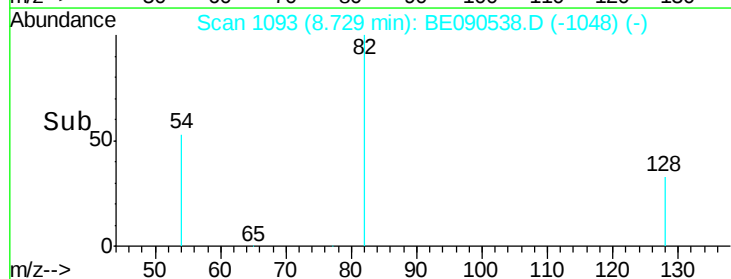
54 53.9 48.8 73.2



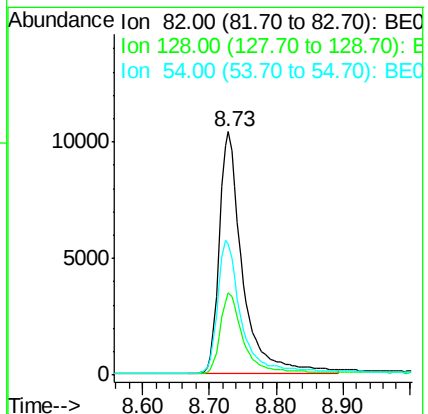
Abundance Ion 82.00 (81.70 to 82.70): BE0

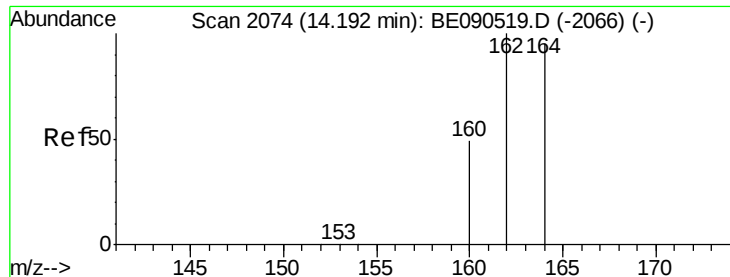
Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0



Time-->





#12

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.20 min Scan# 2075

Delta R.T. 0.01 min

Lab File: BE090538.D

Acq: 17 Aug 2015 18:14

Instrument :

BNA_E

ClientSampleId :

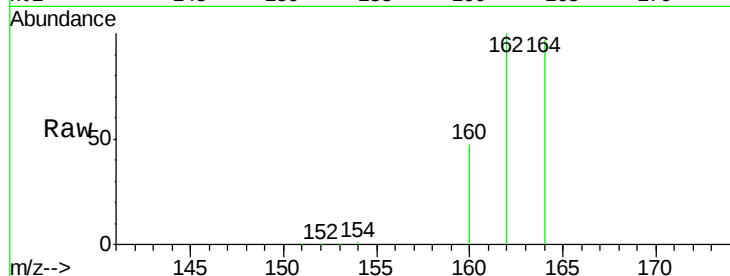
Tot Ion:164 Resp: 63002

Ion Ratio Lower Upper

164 100

162 102.6 81.8 122.8

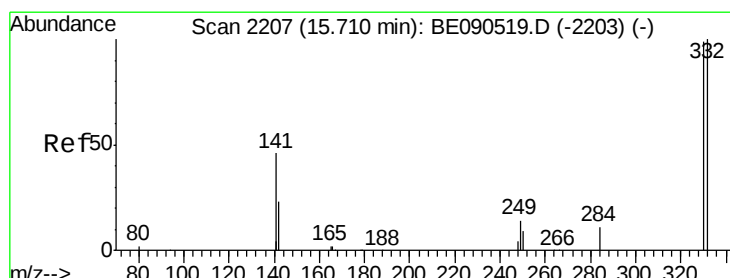
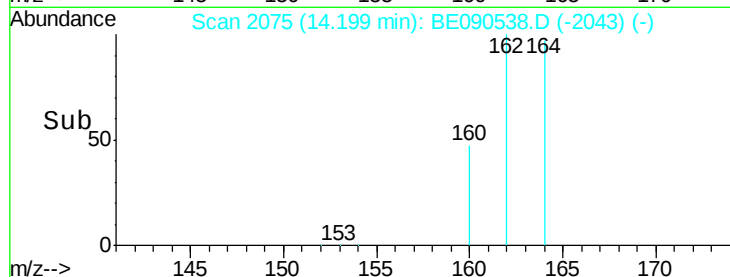
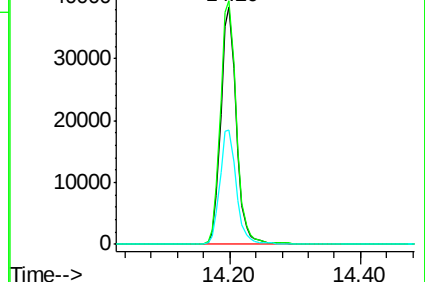
160 48.3 44.2 66.4



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: 8.97 ng

RT: 15.69 min Scan# 2206

Delta R.T. -0.02 min

Lab File: BE090538.D

Acq: 17 Aug 2015 18:14

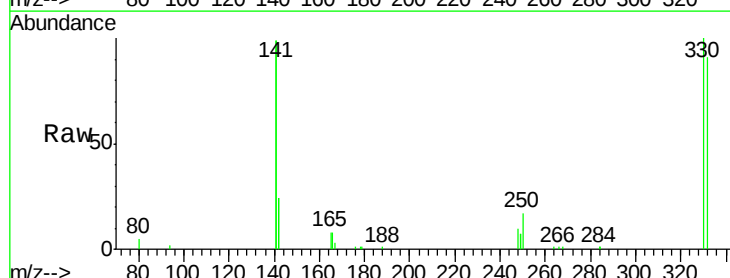
Tgt Ion:330 Resp: 21759

Ion Ratio Lower Upper

330 100

332 97.0 75.8 113.6

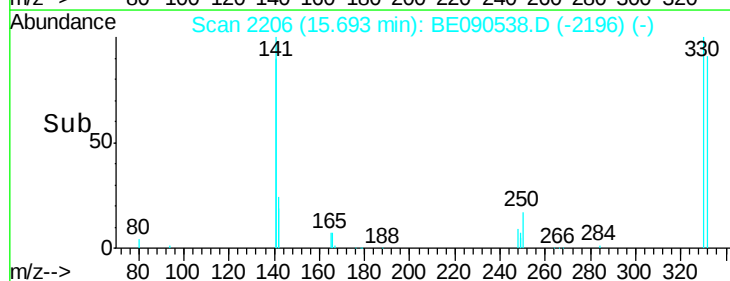
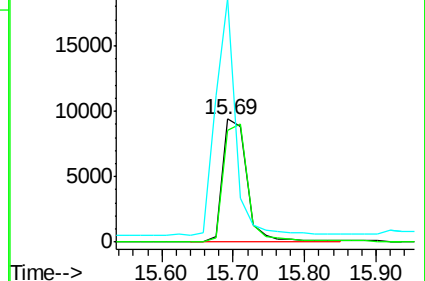
141 165.8 114.4 171.6

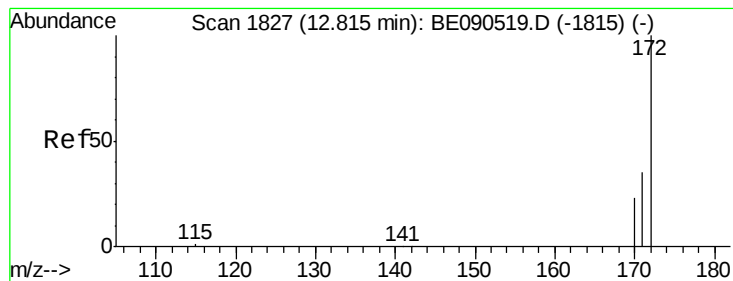


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

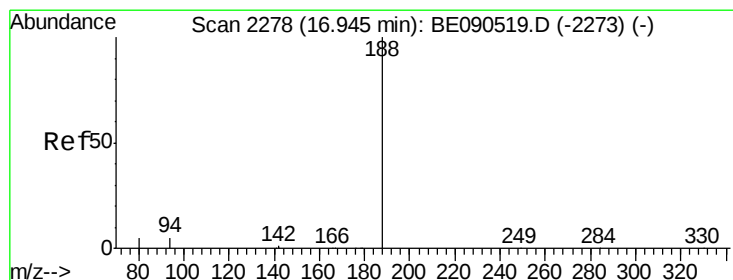
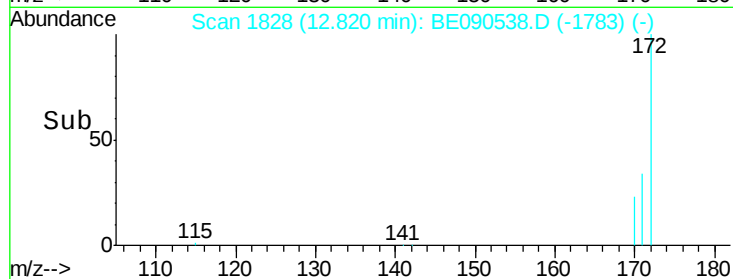
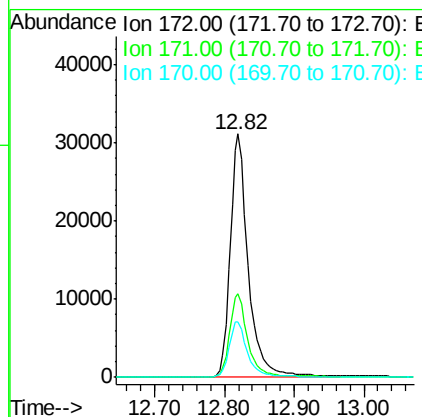
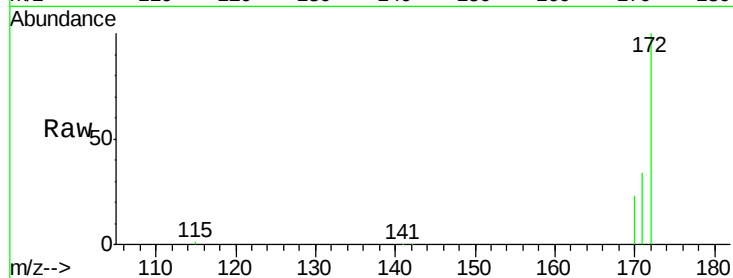




#14
2-Fluorobiphenyl
Concen: 3.01 ng
RT: 12.82 min Scan# 1828
Delta R.T. 0.00 min
Lab File: BE090538.D
Acq: 17 Aug 2015 18:14

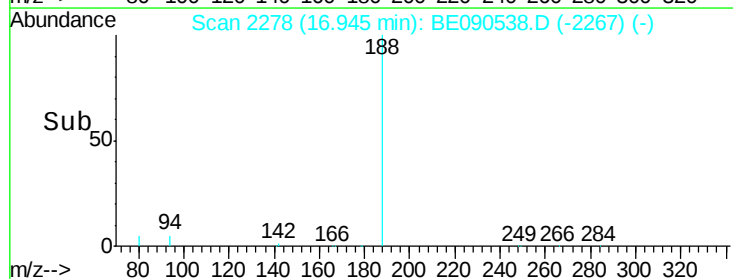
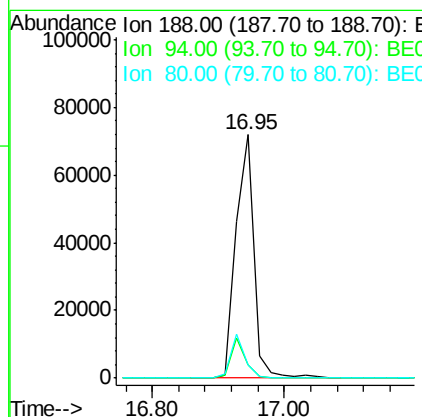
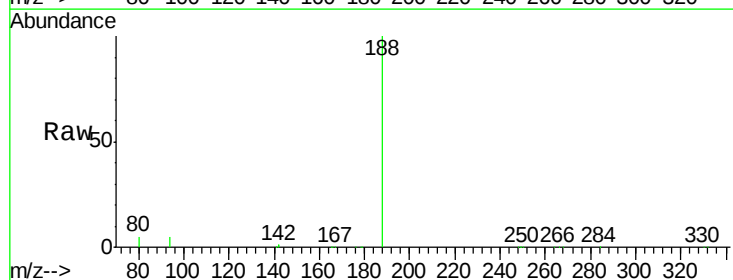
Instrument :
BNA_E
ClientSampleId :

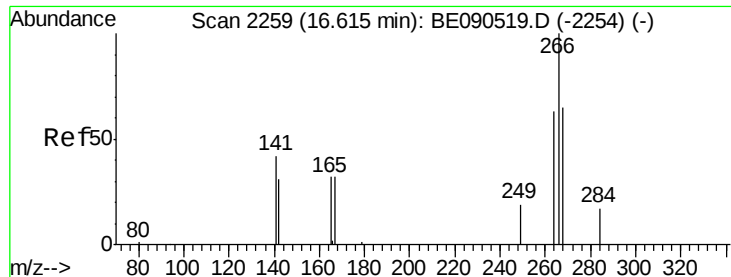
Tot Ion:172 Resp: 56705
Ion Ratio Lower Upper
172 100
171 34.3 28.5 42.7
170 23.0 19.8 29.8



#18
Phenanthrene-d10
Concen: 5.00 ng
RT: 16.95 min Scan# 2278
Delta R.T. 0.00 min
Lab File: BE090538.D
Acq: 17 Aug 2015 18:14

Tgt Ion:188 Resp: 135393
Ion Ratio Lower Upper
188 100
94 5.4 5.7 8.5#
80 5.5 5.8 8.8#

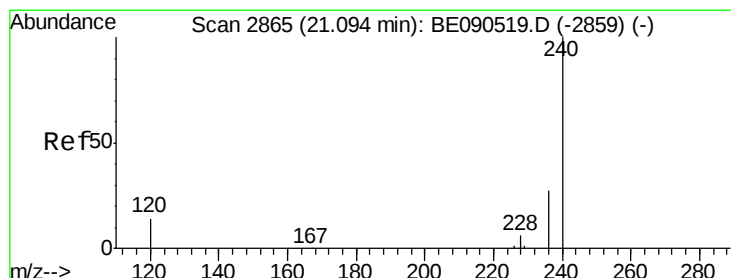
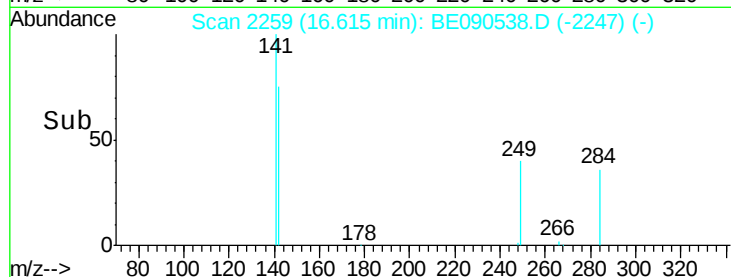
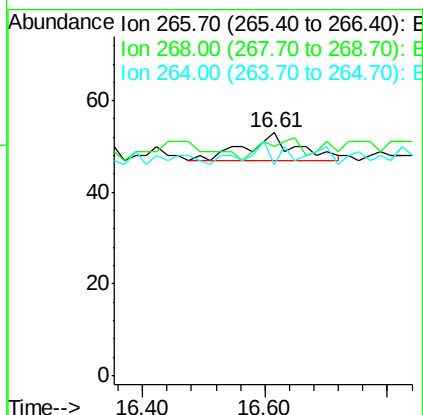
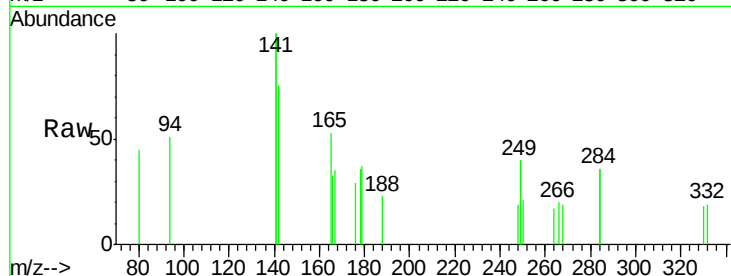




#21
Pentachlorophenol
Concen: 0.31 ng
RT: 16.61 min Scan# 2259
Delta R.T. 0.00 min
Lab File: BE090538.D
Acq: 17 Aug 2015 18:14

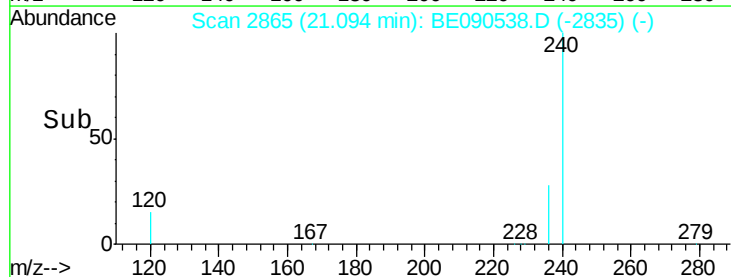
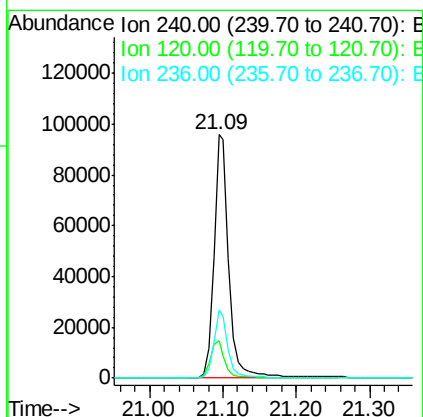
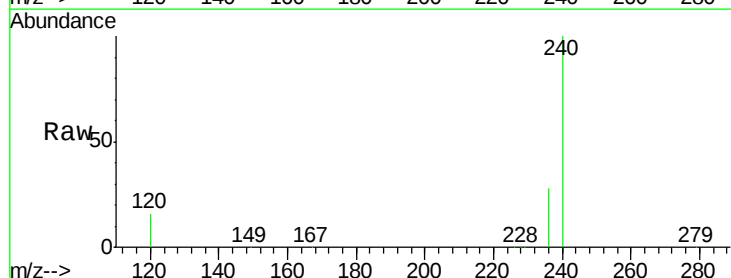
Instrument :
BNA_E
ClientSampleId :

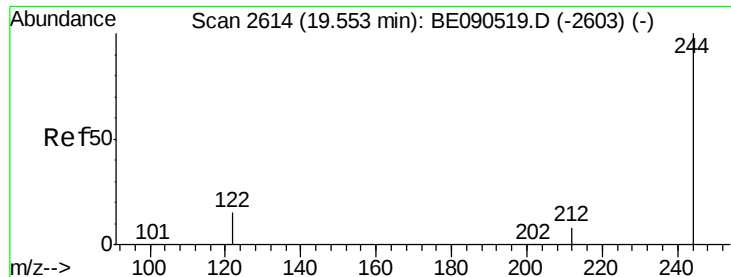
Tot Ion:266 Resp: 34
Ion Ratio Lower Upper
266 100
268 94.3 58.5 87.7#
264 86.8 56.0 84.0#



#25
Chrysene-d12
Concen: 5.00 ng
RT: 21.09 min Scan# 2865
Delta R.T. 0.00 min
Lab File: BE090538.D
Acq: 17 Aug 2015 18:14

Tgt Ion:240 Resp: 138396
Ion Ratio Lower Upper
240 100
120 15.6 8.3 12.5#
236 27.9 21.0 31.4

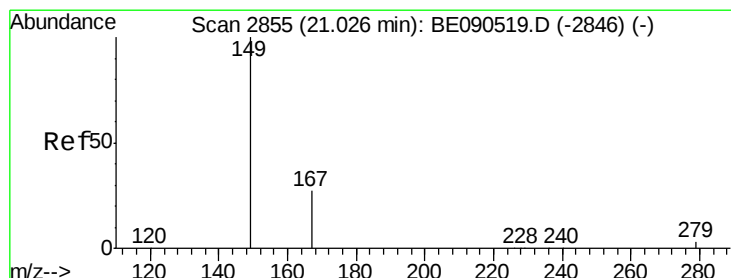
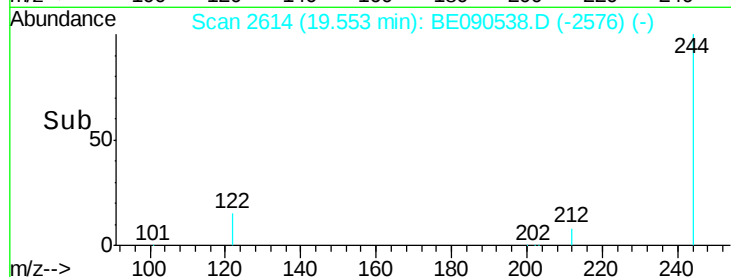
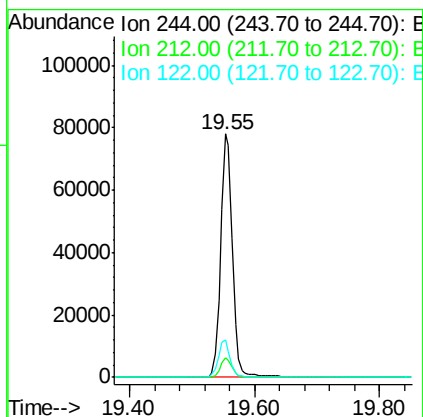
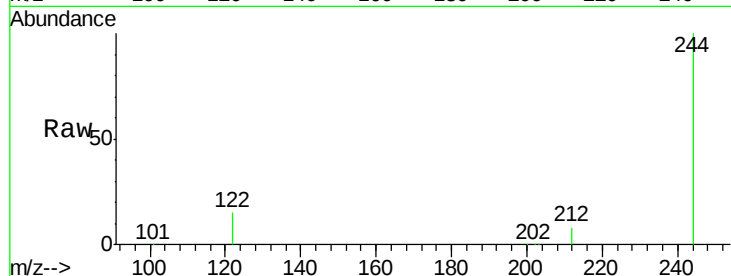




#27
 Terphenyl-d14
 Concen: 4.01 ng
 RT: 19.55 min Scan# 2614
 Delta R.T. 0.00 min
 Lab File: BE090538.D
 Acq: 17 Aug 2015 18:14

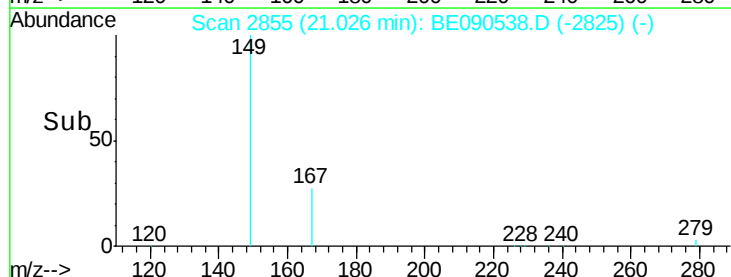
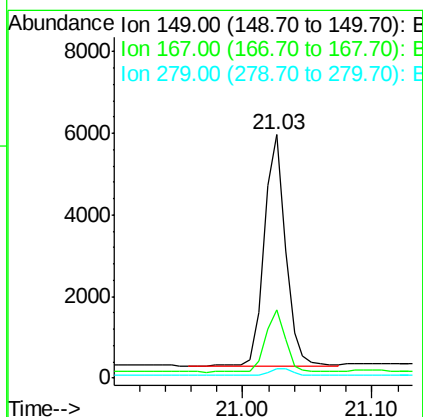
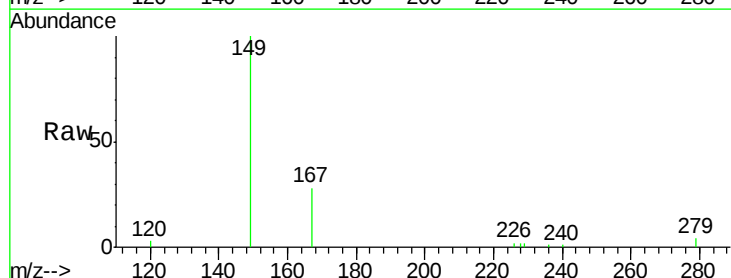
Instrument :
 BNA_E
 ClientSampleId :

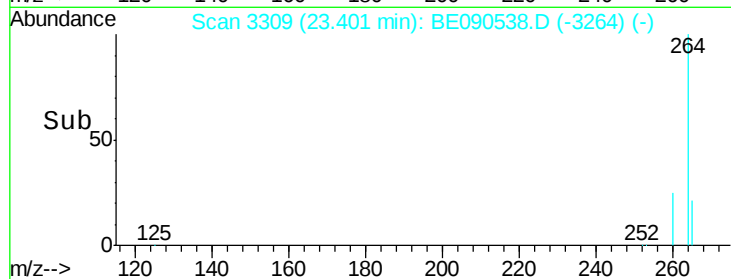
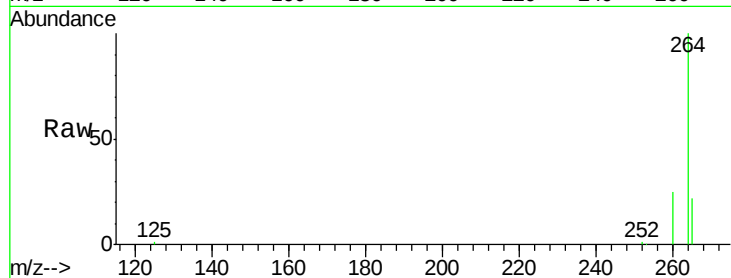
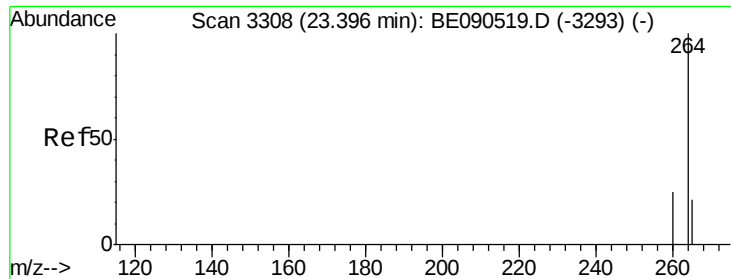
Tot Ion:244 Resp: 101528
 Ion Ratio Lower Upper
 244 100
 212 7.9 6.6 9.8
 122 15.4 10.2 15.4#



#30
 Bis(2-ethylhexyl)phthalate
 Concen: 0.43 ng
 RT: 21.03 min Scan# 2855
 Delta R.T. 0.00 min
 Lab File: BE090538.D
 Acq: 17 Aug 2015 18:14

Tgt Ion:149 Resp: 6449
 Ion Ratio Lower Upper
 149 100
 167 24.7 19.8 29.8
 279 3.1 2.4 3.6





#32

Pervlene-d12

Concen: 5.00 ng

RT: 23.40 min Scan# 3309

Delta R.T. 0.00 min

Lab File: BE090538.D

Acq: 17 Aug 2015 18:14

Instrument :

BNA_E

ClientSampleId :

Tot Ion:264 Resp: 129084

Ion Ratio Lower Upper

264 100

260 24.7 20.1 30.1

265 21.9 17.2 25.8

