

Data Path : Z:\HPCHEM1\BNA E\DATA\BE081715\
 Data File : BE090537.D
 Acq On : 17 Aug 2015 17:38
 Operator : UM/IZ
 Sample : G3323-02
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Aug 18 04:35:34 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

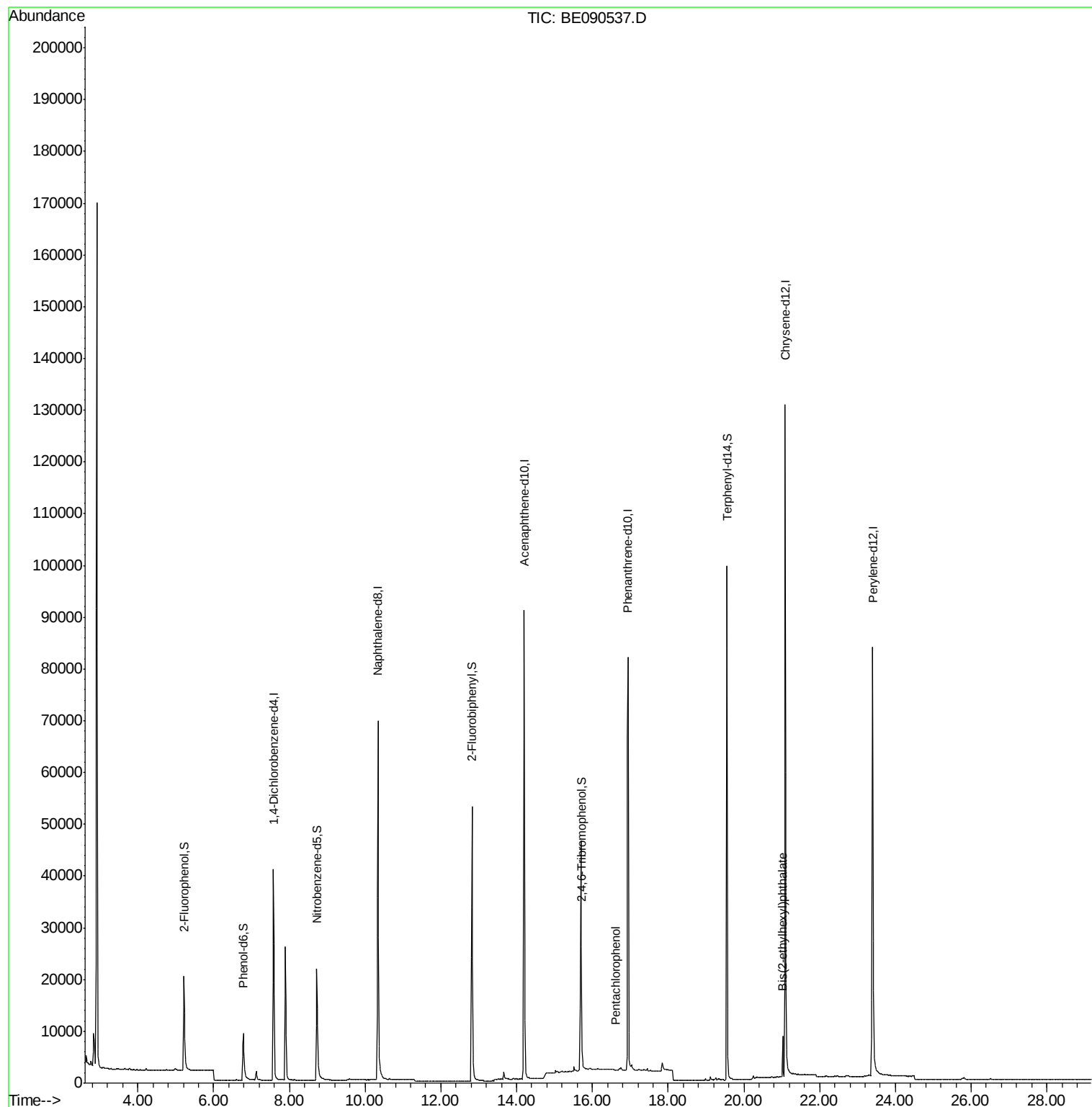
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.58	152	21067	5.00	ng	0.00
6) Naphthalene-d8	10.34	136	104903	5.00	ng	0.00
12) Acenaphthene-d10	14.19	164	58526	5.00	ng	0.00
18) Phenanthrene-d10	16.94	188	130030	5.00	ng	0.00
25) Chrysene-d12	21.10	240	131523	5.00	ng	0.00
32) Perylene-d12	23.40	264	122800	5.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.22	112	16612	2.73	ng	0.00
5) Phenol-d6	6.78	99	15342	1.71	ng	0.00
7) Nitrobenzene-d5	8.73	82	27206	3.25	ng	0.00
13) 2,4,6-Tribromophenol	15.71	330	21357	9.48	ng	0.00
14) 2-Fluorobiphenyl	12.82	172	59541	3.41	ng	0.00
27) Terphenyl-d14	19.55	244	103511	4.30	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.20	88	70	Below Cal	#	19
21) Pentachlorophenol	16.61	266	34	0.31 ng	#	76
30) Bis(2-ethylhexyl)phthalate	21.03	149	6923	0.46 ng		99

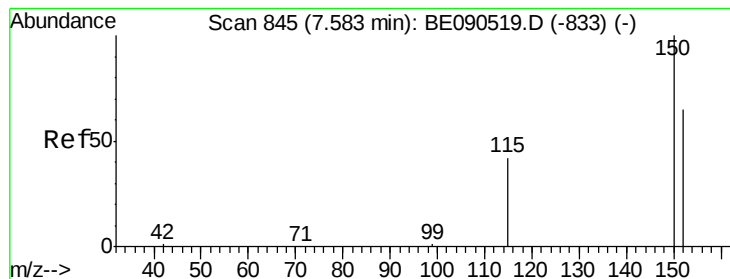
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Aug 14 16:52:42 2015
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 7.58 min Scan# 845

Delta R.T. -0.00 min

Lab File: BE090537.D

Acq: 17 Aug 2015 17:38

Instrument :

BNA_E

ClientSampled :

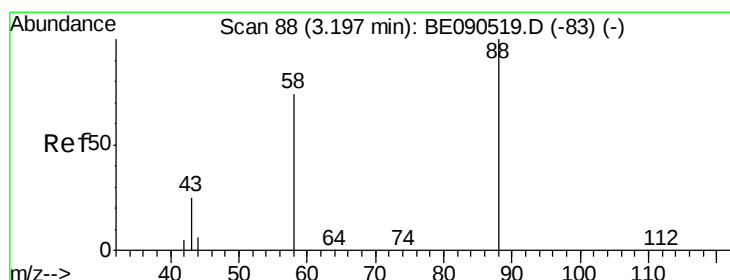
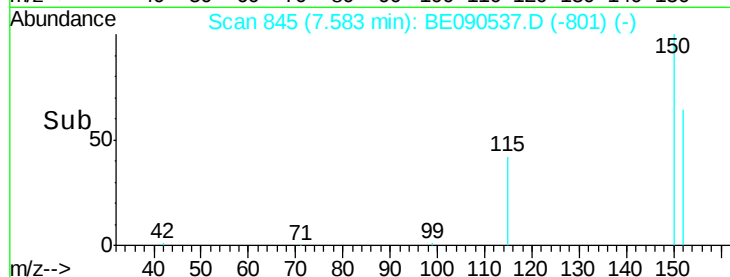
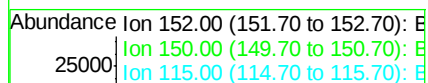
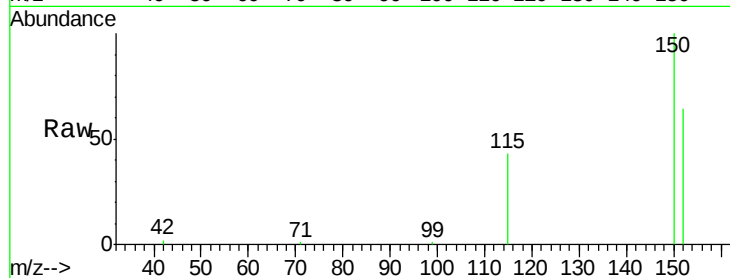
Tot Ion:152 Resp: 21067

Ion Ratio Lower Upper

152 100

150 155.3 123.0 184.4

115 66.3 48.9 73.3



#2

1,4-Dioxane

Concen: Below Cal

RT: 3.20 min Scan# 88

Delta R.T. -0.00 min

Lab File: BE090537.D

Acq: 17 Aug 2015 17:38

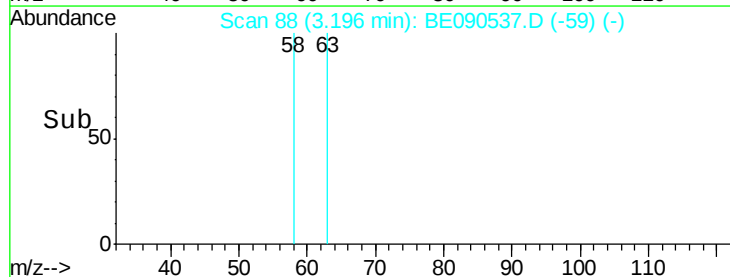
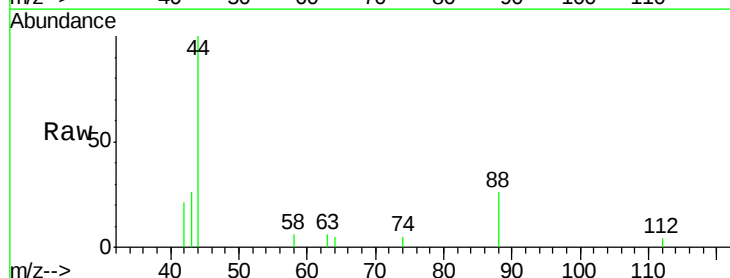
Tgt Ion: 88 Resp: 70

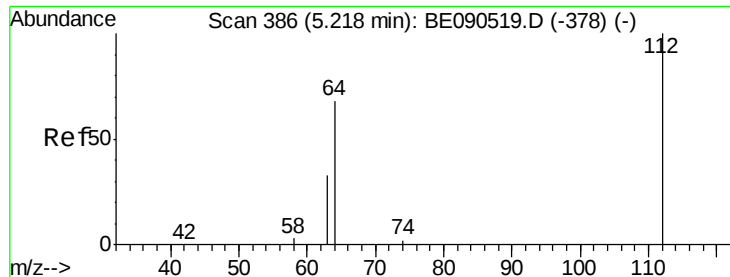
Ion Ratio Lower Upper

88 100

58 40.0 70.0 105.0#

43 125.7 28.4 42.6#





#4

2-Fluorophenol

Concen: 2.73 ng

RT: 5.22 min Scan# 387

Delta R.T. 0.01 min

Lab File: BE090537.D

Acq: 17 Aug 2015 17:38

Instrument :

BNA_E

ClientSampled :

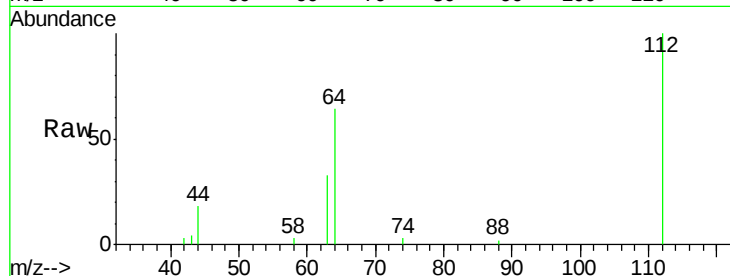
Tot Ion:112 Resp: 16612

Ion Ratio Lower Upper

112 100

64 70.1 37.1 55.7#

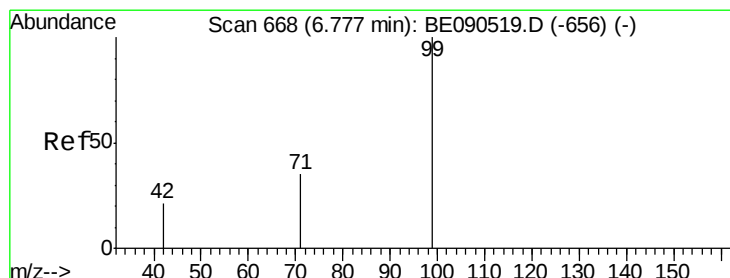
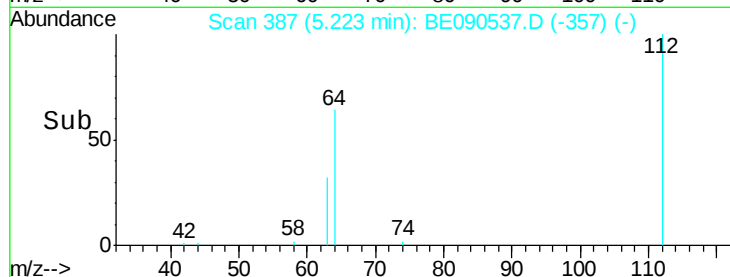
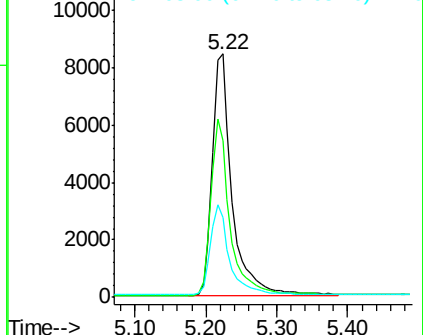
63 35.9 19.5 29.3#



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: 1.71 ng

RT: 6.78 min Scan# 669

Delta R.T. 0.00 min

Lab File: BE090537.D

Acq: 17 Aug 2015 17:38

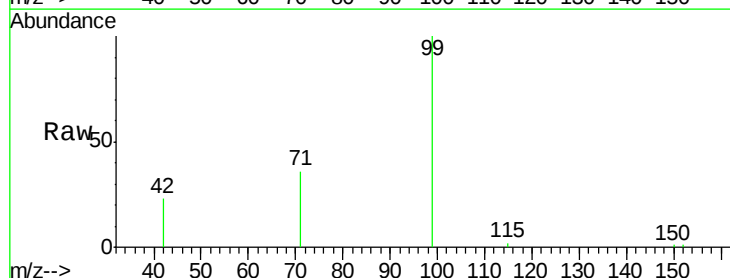
Tgt Ion: 99 Resp: 15342

Ion Ratio Lower Upper

99 100

42 19.2 18.2 27.4

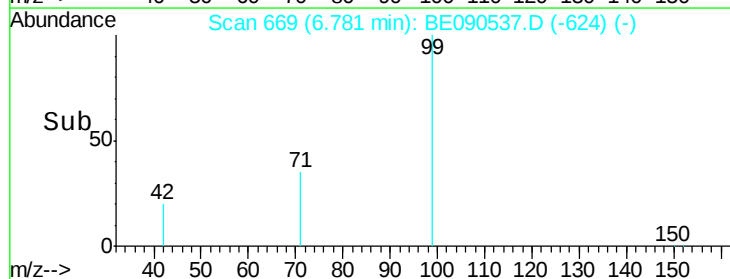
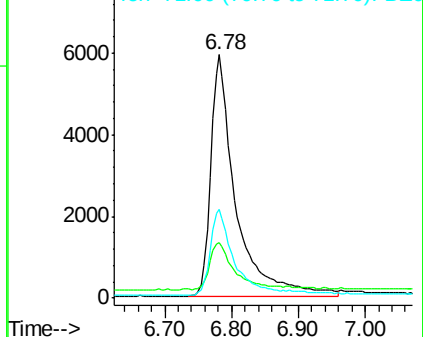
71 35.4 27.4 41.0

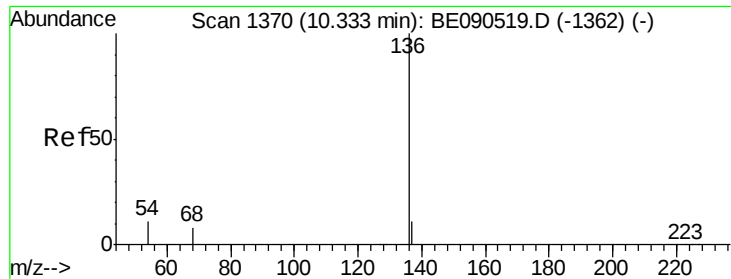


Abundance Ion 99.00 (98.70 to 99.70): BE0

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: BE090537.D

Acq: 17 Aug 2015 17:38

Instrument :

BNA_E

ClientSampleId :

Tot Ion:136 Resp: 104903

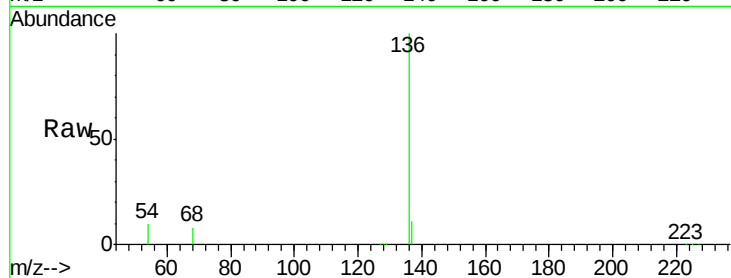
Ion Ratio Lower Upper

136 100

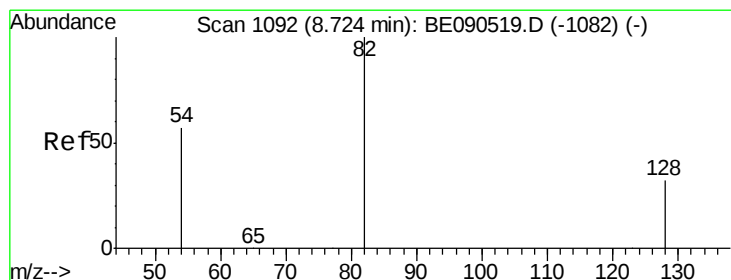
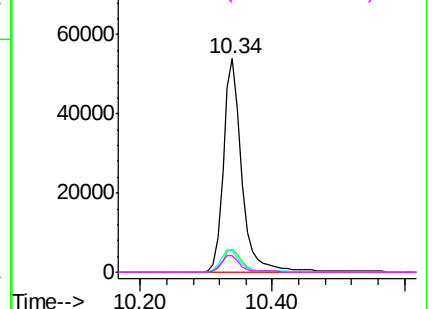
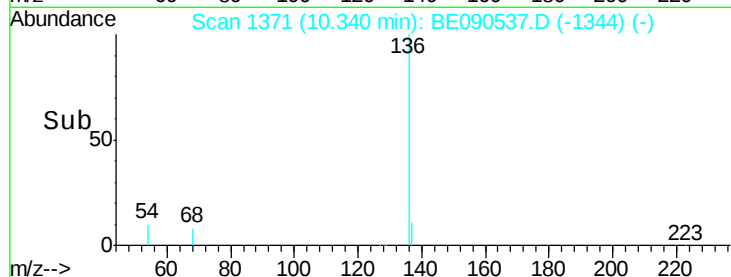
137 11.0 8.7 13.1

54 10.3 9.4 14.0

68 7.9 6.5 9.7



Abundance Ion 136.00 (135.70 to 136.70): BE090537.D (-1362) (-)



#7

Nitrobenzene-d5

Concen: 3.25 ng

RT: 8.73 min Scan# 1092

Delta R.T. 0.00 min

Lab File: BE090537.D

Acq: 17 Aug 2015 17:38

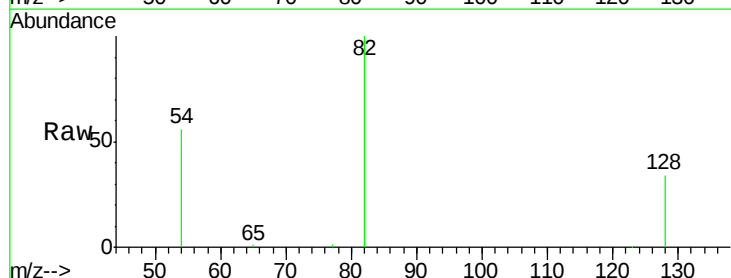
Tgt Ion: 82 Resp: 27206

Ion Ratio Lower Upper

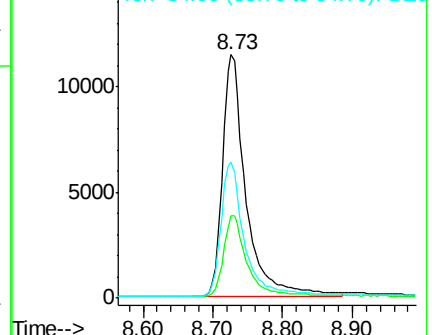
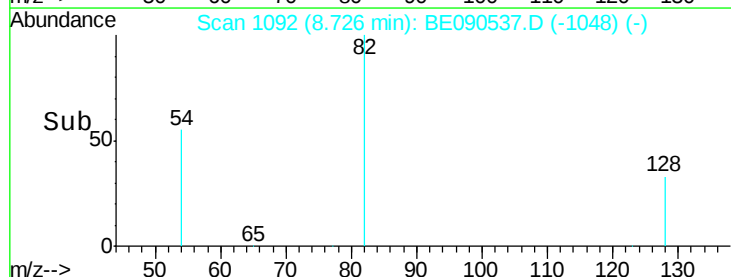
82 100

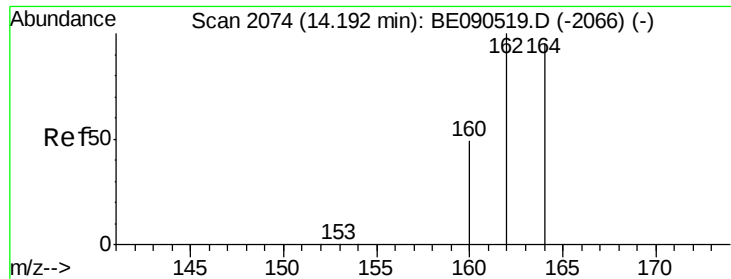
128 33.9 25.0 37.6

54 55.7 48.8 73.2



Abundance Ion 82.00 (81.70 to 82.70): BE090537.D (-1048) (-)





#12

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.19 min Scan# 2075

Delta R.T. 0.00 min

Lab File: BE090537.D

Acq: 17 Aug 2015 17:38

Instrument :

BNA_E

ClientSampleId :

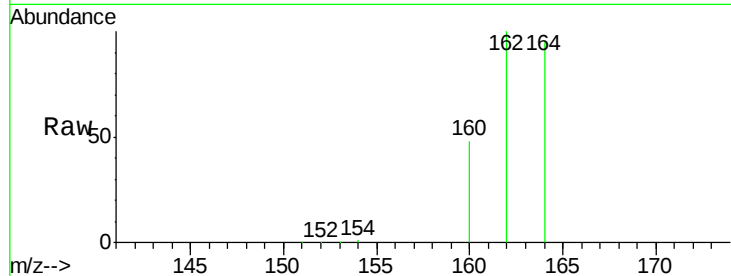
Tot Ion:164 Resp: 58526

Ion Ratio Lower Upper

164 100

162 105.4 81.8 122.8

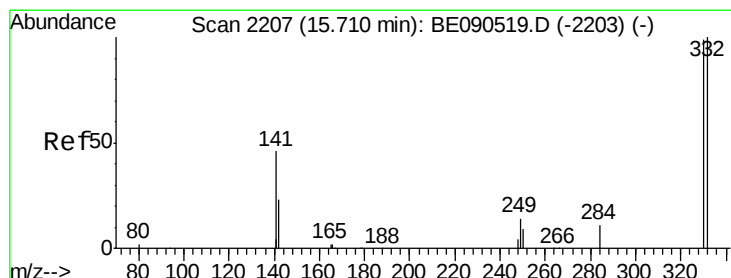
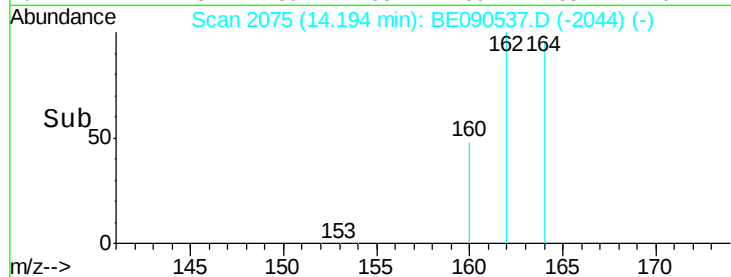
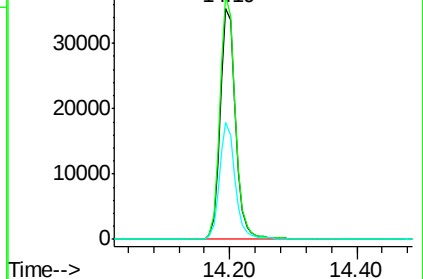
160 50.4 44.2 66.4



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: 9.48 ng

RT: 15.71 min Scan# 2207

Delta R.T. -0.00 min

Lab File: BE090537.D

Acq: 17 Aug 2015 17:38

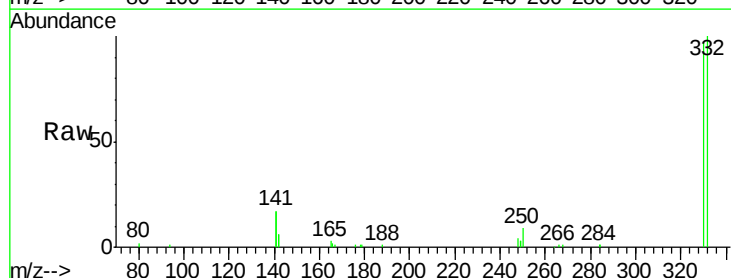
Tgt Ion:330 Resp: 21357

Ion Ratio Lower Upper

330 100

332 97.2 75.8 113.6

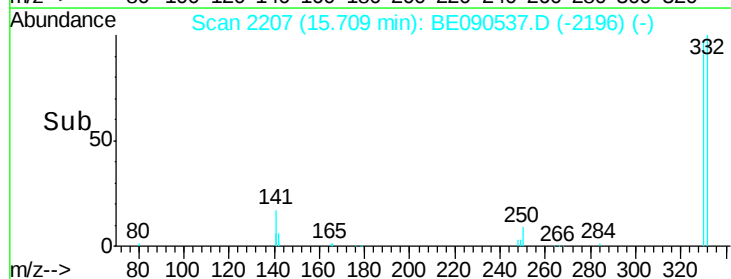
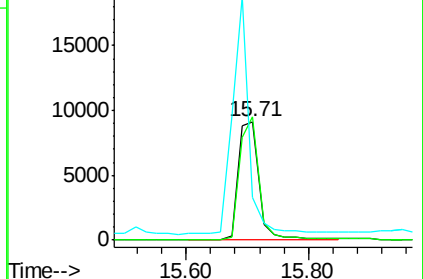
141 160.6 114.4 171.6

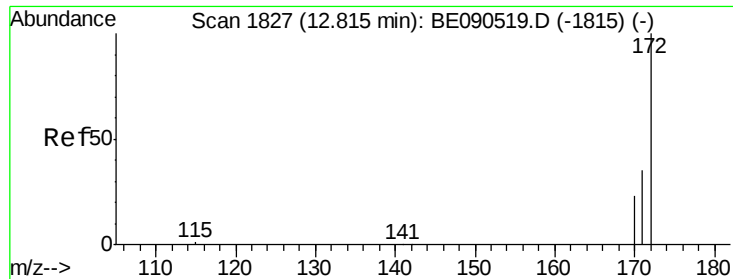


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

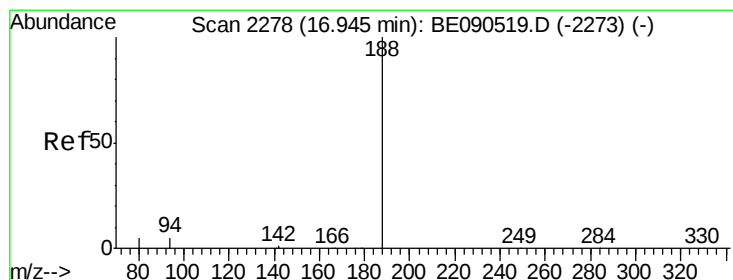
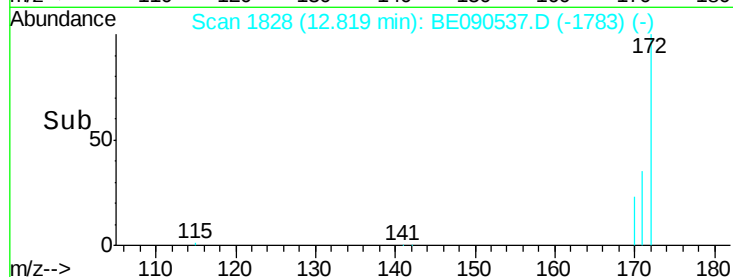
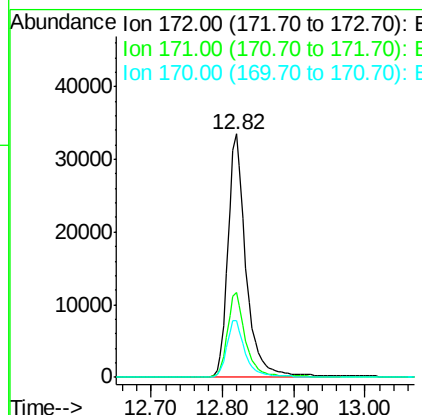
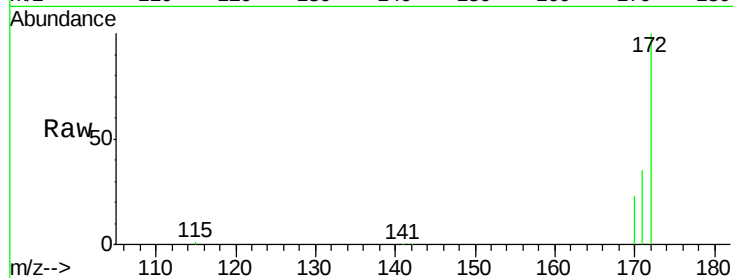




#14
2-Fluorobiphenyl
Concen: 3.41 ng
RT: 12.82 min Scan# 1828
Delta R.T. 0.00 min
Lab File: BE090537.D
Acq: 17 Aug 2015 17:38

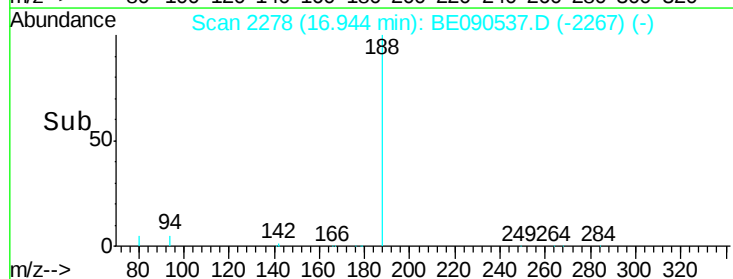
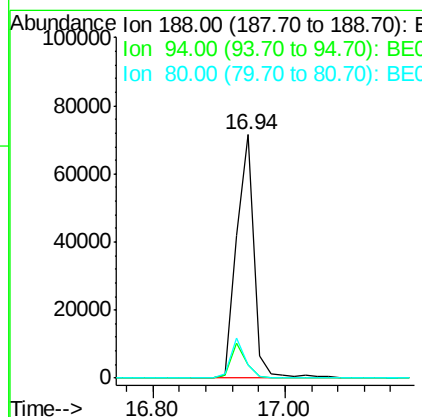
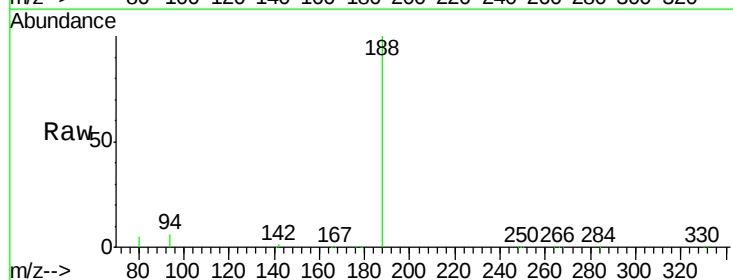
Instrument :
BNA_E
ClientSampleId :

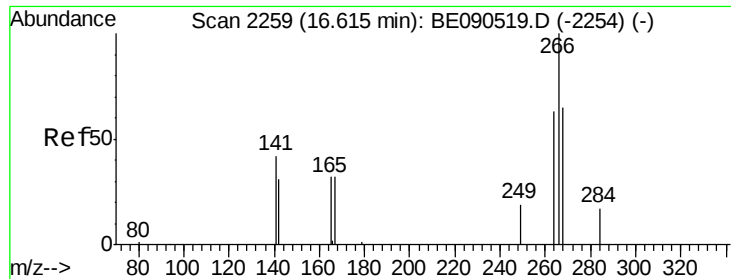
Tot Ion:172 Resp: 59541
Ion Ratio Lower Upper
172 100
171 35.1 28.5 42.7
170 23.2 19.8 29.8



#18
Phenanthrene-d10
Concen: 5.00 ng
RT: 16.94 min Scan# 2278
Delta R.T. -0.00 min
Lab File: BE090537.D
Acq: 17 Aug 2015 17:38

Tgt Ion:188 Resp: 130030
Ion Ratio Lower Upper
188 100
94 5.6 5.7 8.5#
80 5.5 5.8 8.8#

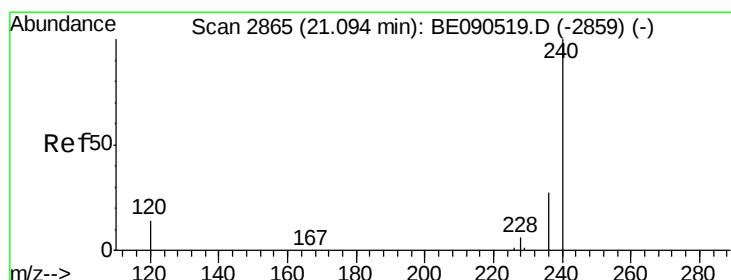
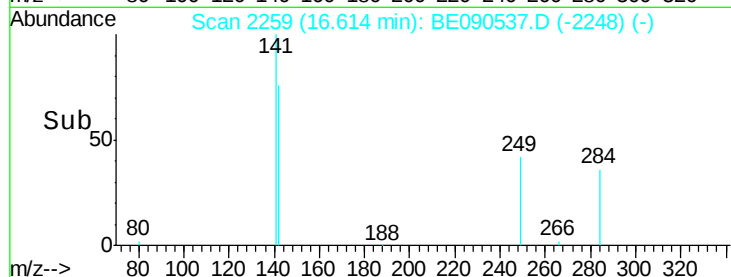
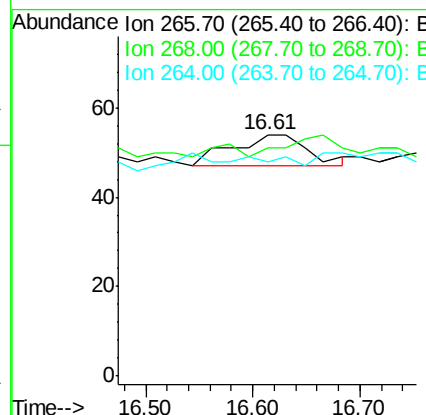
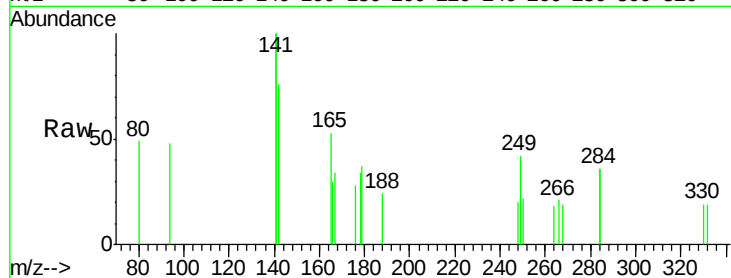




#21
 Pentachlorophenol
 Concen: 0.31 ng
 RT: 16.61 min Scan# 2259
 Delta R.T. -0.00 min
 Lab File: BE090537.D
 Acq: 17 Aug 2015 17:38

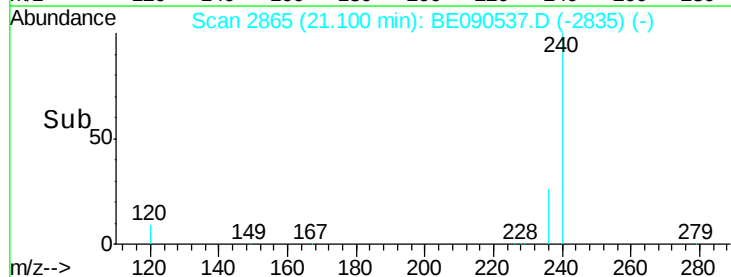
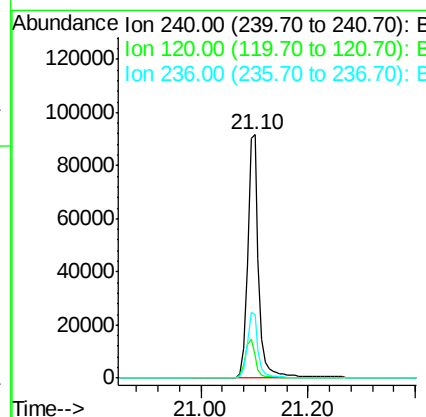
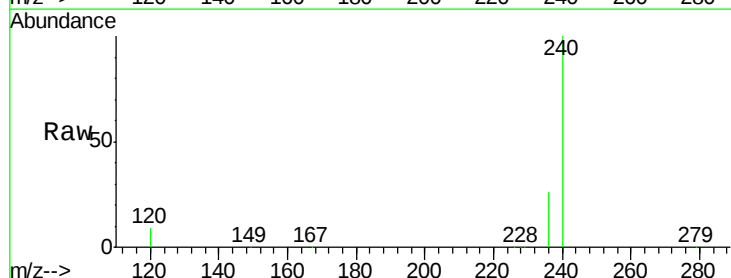
Instrument :
 BNA_E
 ClientSampleId :

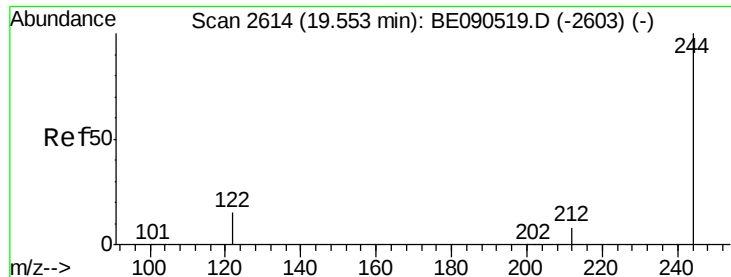
Tot Ion:266 Resp: 34
 Ion Ratio Lower Upper
 266 100
 268 94.4 58.5 87.7#
 264 88.9 56.0 84.0#



#25
 Chrysene-d12
 Concen: 5.00 ng
 RT: 21.10 min Scan# 2865
 Delta R.T. 0.01 min
 Lab File: BE090537.D
 Acq: 17 Aug 2015 17:38

Tgt Ion:240 Resp: 131523
 Ion Ratio Lower Upper
 240 100
 120 9.2 8.3 12.5
 236 26.2 21.0 31.4

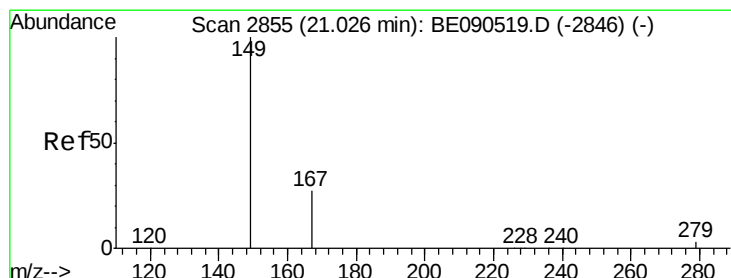
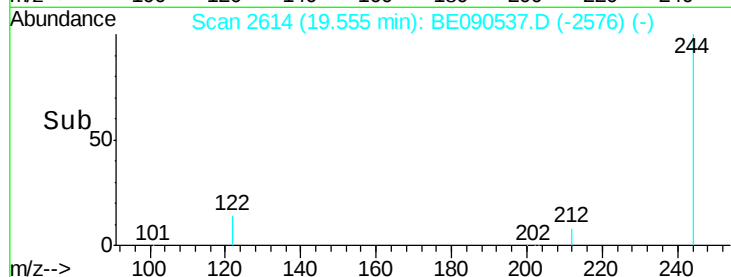
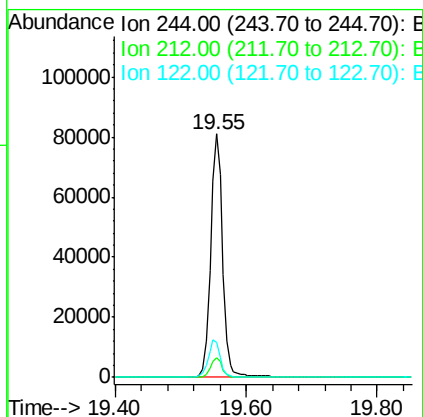
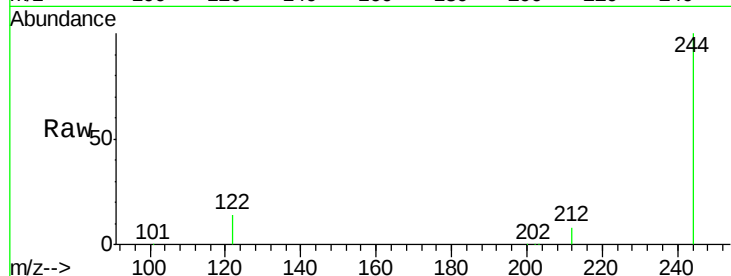




#27
 Terphenyl-d14
 Concen: 4.30 ng
 RT: 19.55 min Scan# 2614
 Delta R.T. 0.00 min
 Lab File: BE090537.D
 Acq: 17 Aug 2015 17:38

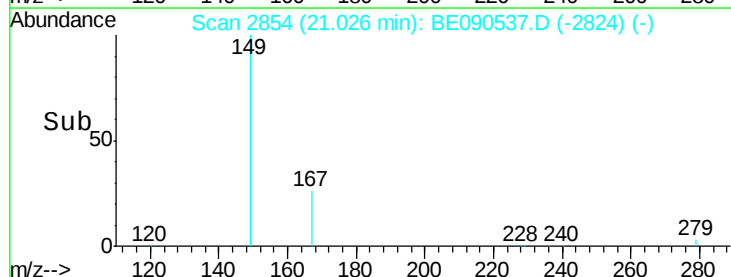
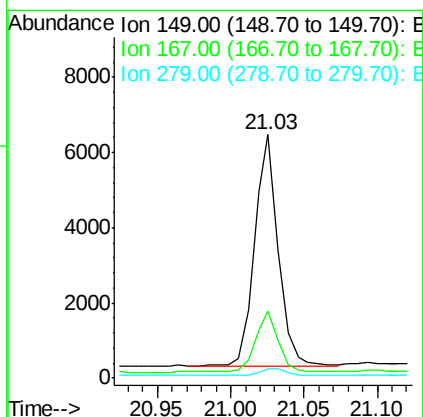
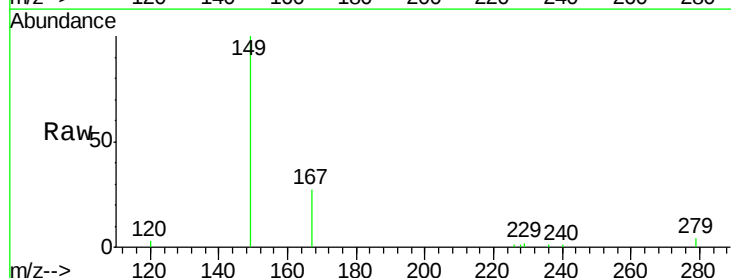
Instrument :
 BNA_E
 ClientSampleId :

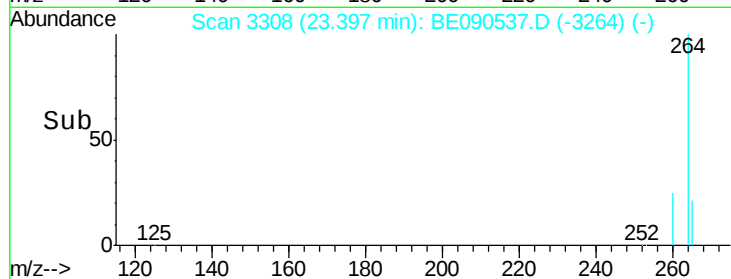
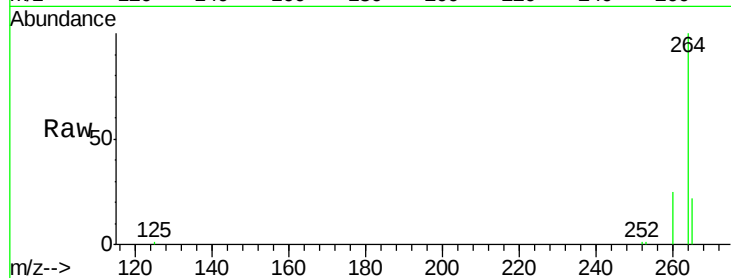
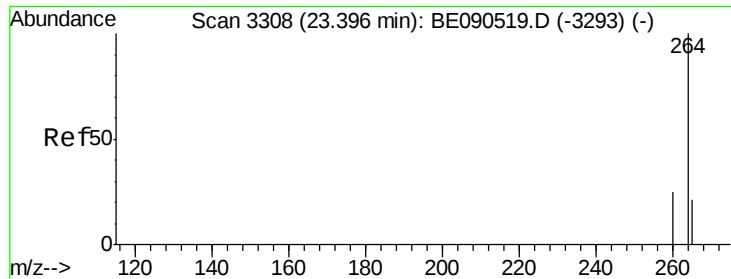
Tot Ion:244 Resp: 103511
 Ion Ratio Lower Upper
 244 100
 212 7.8 6.6 9.8
 122 14.3 10.2 15.4



#30
 Bis(2-ethylhexyl)phthalate
 Concen: 0.46 ng
 RT: 21.03 min Scan# 2854
 Delta R.T. 0.00 min
 Lab File: BE090537.D
 Acq: 17 Aug 2015 17:38

Tgt Ion:149 Resp: 6923
 Ion Ratio Lower Upper
 149 100
 167 25.5 19.8 29.8
 279 3.4 2.4 3.6





#32
Pervlene-d12
Concen: 5.00 ng
RT: 23.40 min Scan# 3308
Delta R.T. 0.00 min
Lab File: BE090537.D
Acq: 17 Aug 2015 17:38

Instrument :
BNA_E
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	25.2	20.1	30.1
265	22.1	17.2	25.8

