

Data Path : Z:\HPCHEM1\BNA E\DATA\BE081715\
 Data File : BE090550.D
 Acq On : 18 Aug 2015 1:35
 Operator : UM/IZ
 Sample : G3322-02
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Aug 18 06:12:23 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

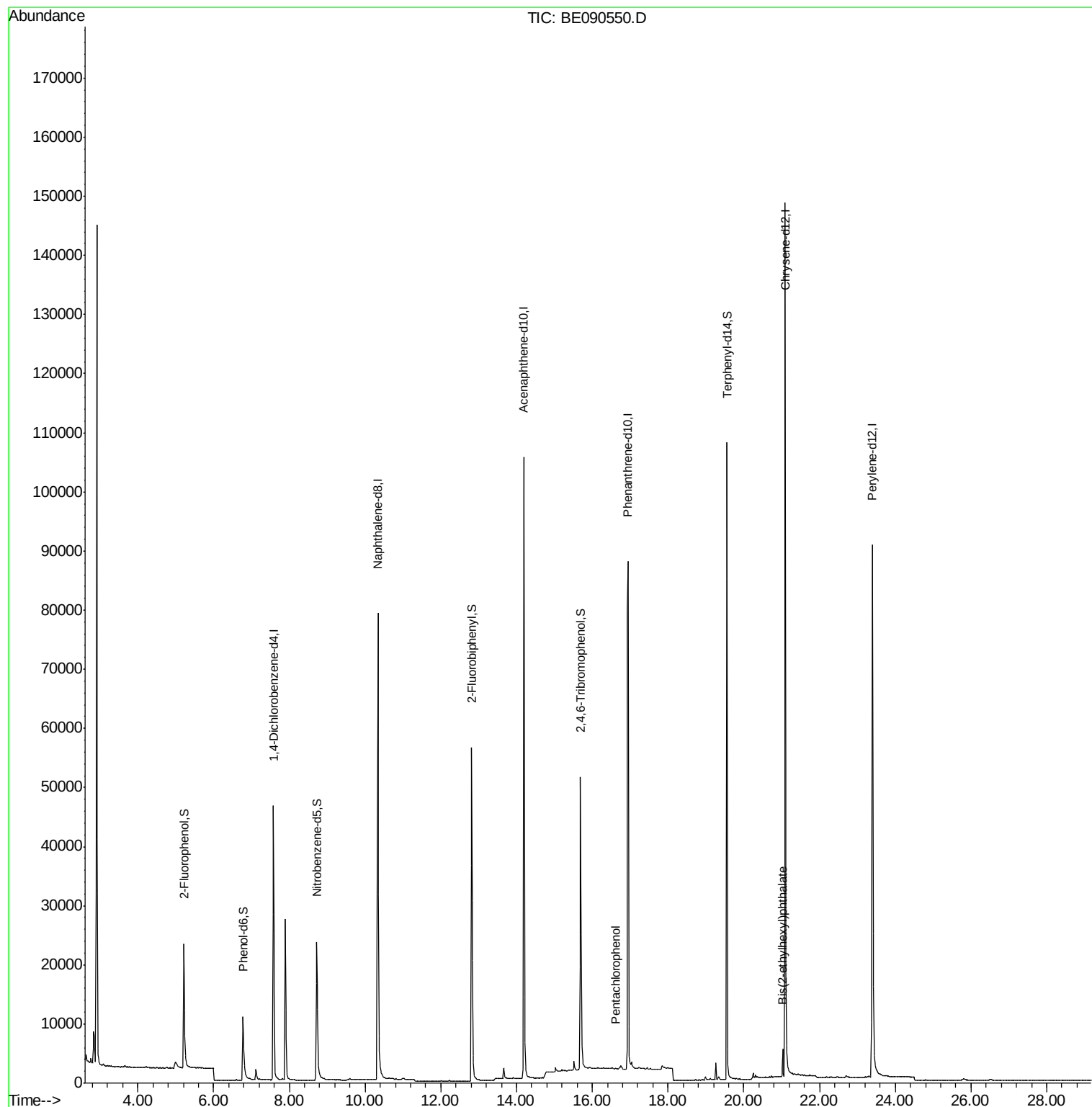
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.58	152	24148	5.00	ng	0.00
6) Naphthalene-d8	10.34	136	122282	5.00	ng	0.00
12) Acenaphthene-d10	14.19	164	66470	5.00	ng	0.00
18) Phenanthrene-d10	16.94	188	143975	5.00	ng	0.00
25) Chrysene-d12	21.09	240	143250	5.00	ng	0.00
32) Perylene-d12	23.40	264	131624	5.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.22	112	19107	2.74	ng	0.00
5) Phenol-d6	6.78	99	18296	1.78	ng	0.00
7) Nitrobenzene-d5	8.72	82	28908	2.97	ng	0.00
13) 2,4,6-Tribromophenol	15.69	330	23726	9.28	ng	-0.02
14) 2-Fluorobiphenyl	12.82	172	65230	3.29	ng	0.00
27) Terphenyl-d14	19.55	244	109653	4.19	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.20	88	86	Below Cal	#	9
21) Pentachlorophenol	16.61	266	32	0.31 ng	#	69
30) Bis(2-ethylhexyl)phthalate	21.03	149	4596	0.34 ng		100

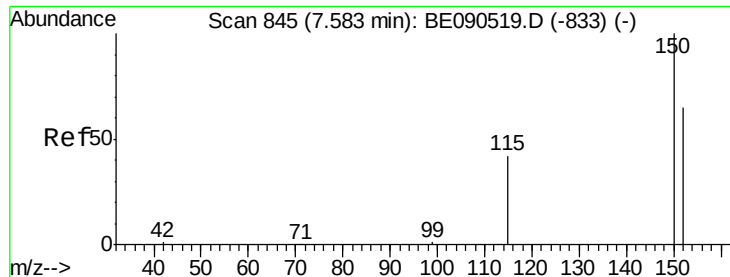
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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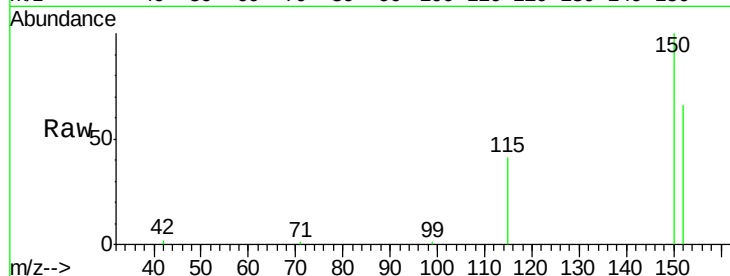


#1

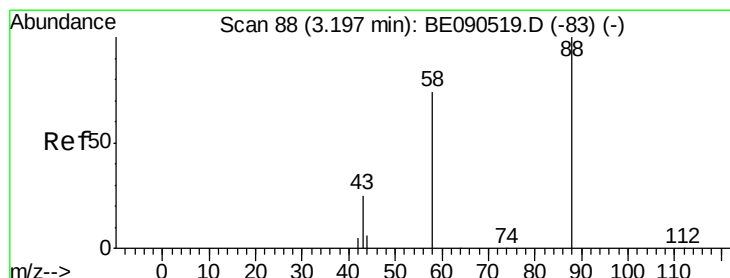
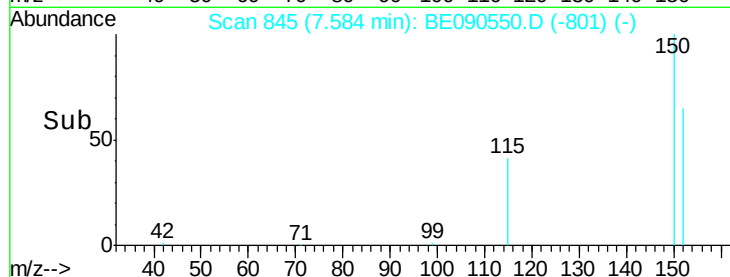
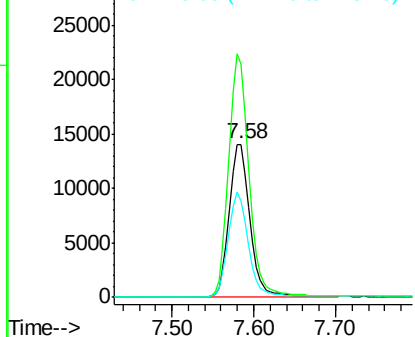
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.58 min Scan# 845
Delta R.T. 0.00 min
Lab File: BE090550.D
Acq: 18 Aug 2015 1:35

Instrument :
BNA_E
ClientSampleId :

Tot Ion:152 Resp: 24148
Ion Ratio Lower Upper
152 100
150 152.6 123.0 184.4
115 63.2 48.9 73.3



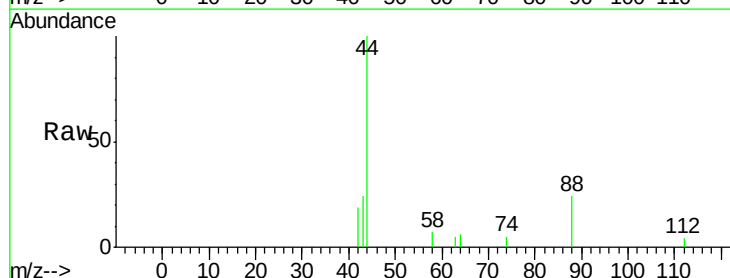
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



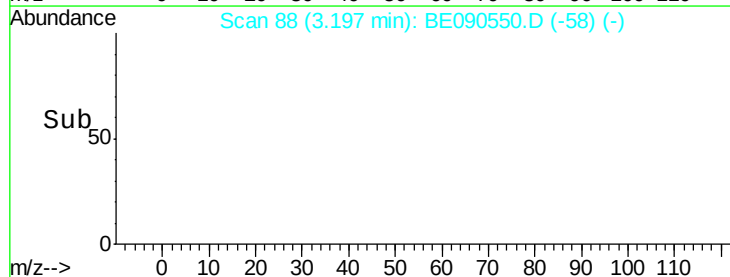
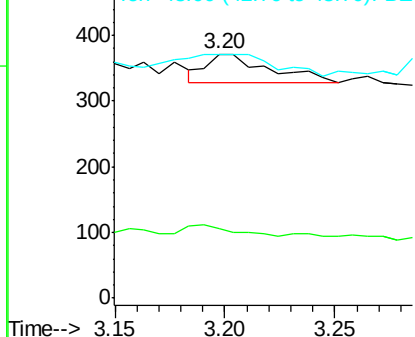
#2

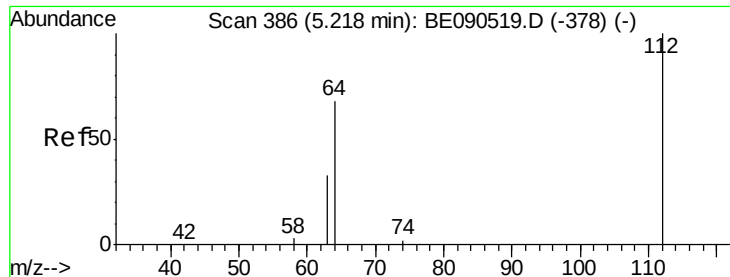
1,4-Dioxane
Concen: Below Cal
RT: 3.20 min Scan# 88
Delta R.T. 0.00 min
Lab File: BE090550.D
Acq: 18 Aug 2015 1:35

Tgt Ion: 88 Resp: 86
Ion Ratio Lower Upper
88 100
58 29.1 70.0 105.0#
43 129.1 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: 2.74 ng

RT: 5.22 min Scan# 386

Delta R.T. 0.00 min

Lab File: BE090550.D

Acq: 18 Aug 2015 1:35

Instrument :

BNA_E

ClientSampled :

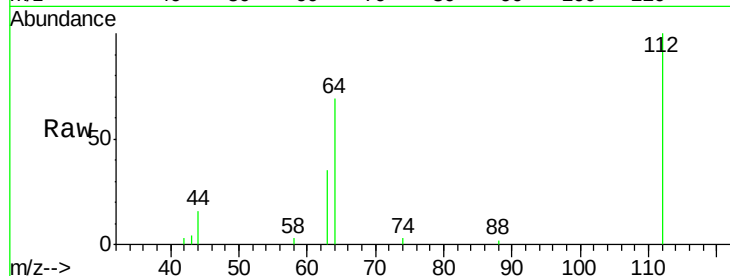
Tot Ion:112 Resp: 19107

Ion Ratio Lower Upper

112 100

64 69.1 37.1 55.7#

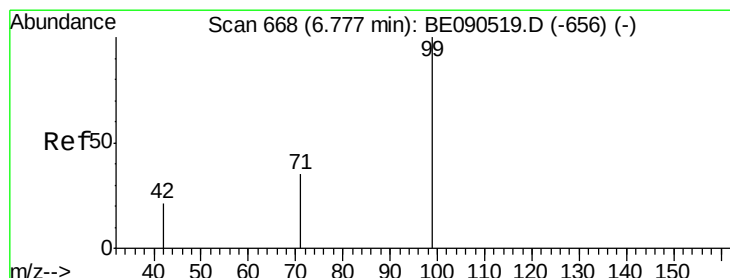
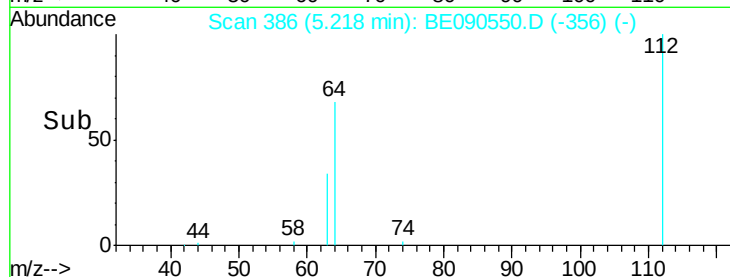
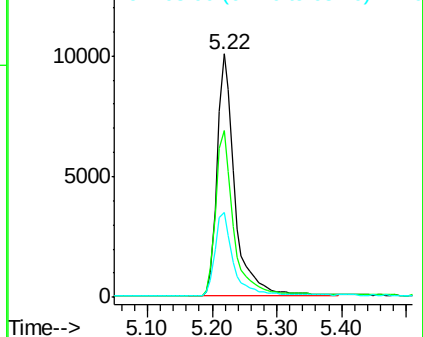
63 35.6 19.5 29.3#



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: 1.78 ng

RT: 6.78 min Scan# 668

Delta R.T. 0.00 min

Lab File: BE090550.D

Acq: 18 Aug 2015 1:35

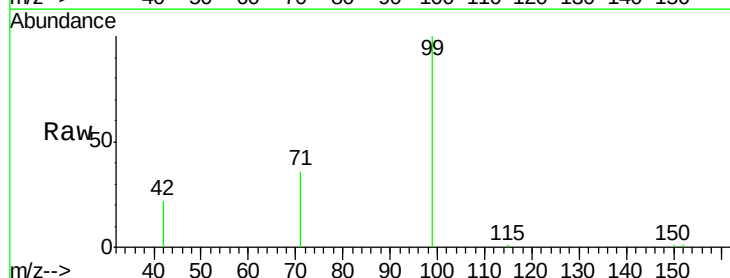
Tgt Ion: 99 Resp: 18296

Ion Ratio Lower Upper

99 100

42 20.2 18.2 27.4

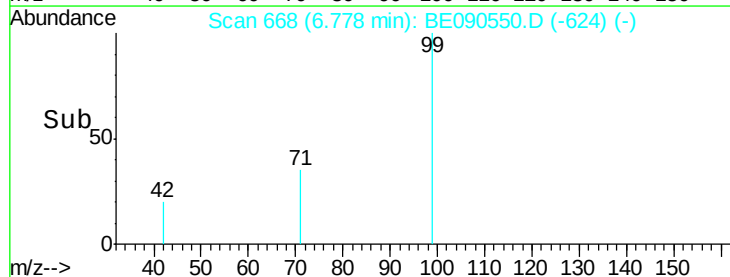
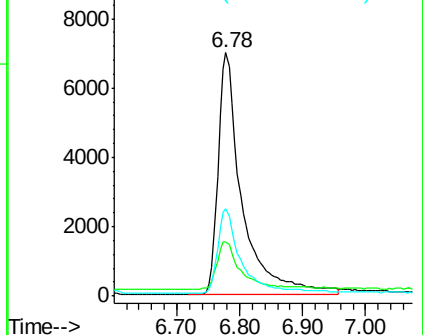
71 34.8 27.4 41.0

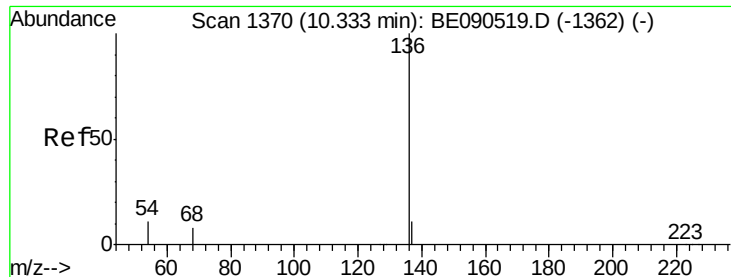


Abundance Ion 99.00 (98.70 to 99.70): BE0

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: BE090550.D

Acq: 18 Aug 2015 1:35

Instrument :

BNA_E

ClientSampleId :

Tot Ion:136 Resp: 122282

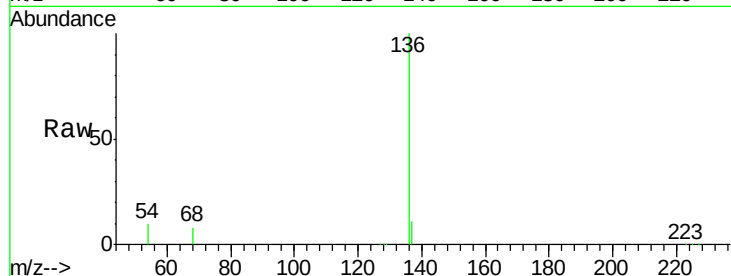
Ion Ratio Lower Upper

136 100

137 11.0 8.7 13.1

54 10.3 9.4 14.0

68 7.7 6.5 9.7

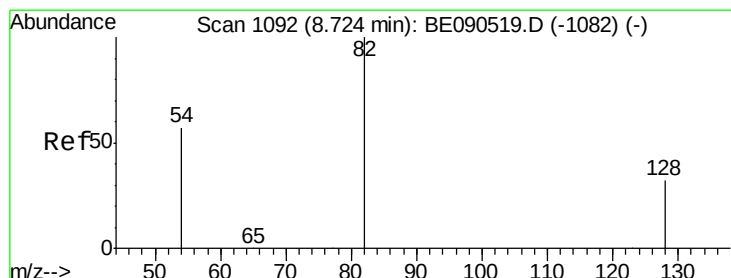
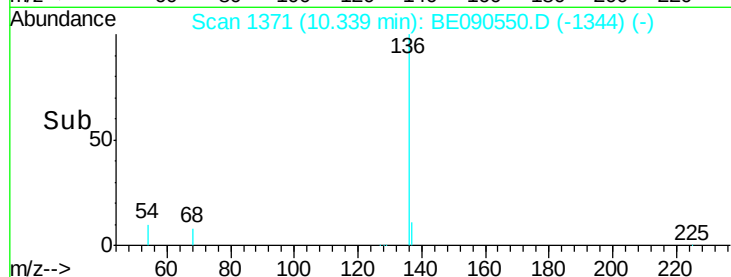
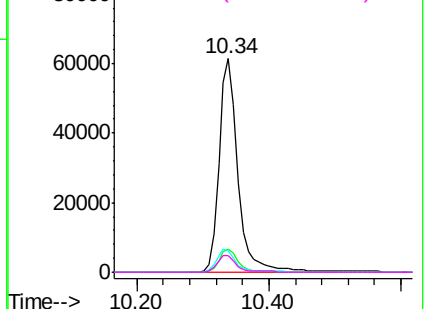


Abundance Ion 136.00 (135.70 to 136.70): E

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: 2.97 ng

RT: 8.72 min Scan# 1092

Delta R.T. 0.00 min

Lab File: BE090550.D

Acq: 18 Aug 2015 1:35

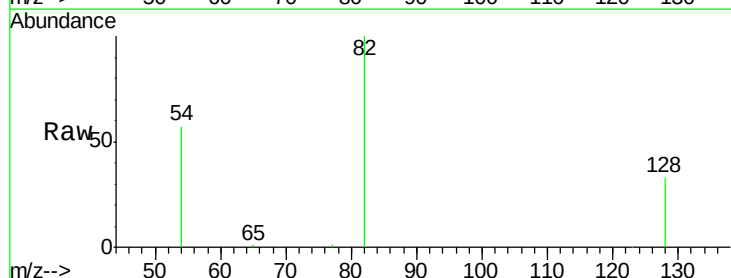
Tgt Ion: 82 Resp: 28908

Ion Ratio Lower Upper

82 100

128 33.0 25.0 37.6

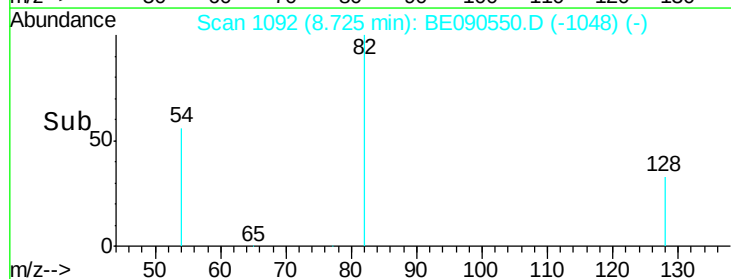
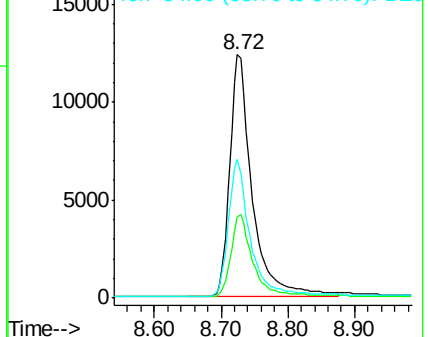
54 56.8 48.8 73.2

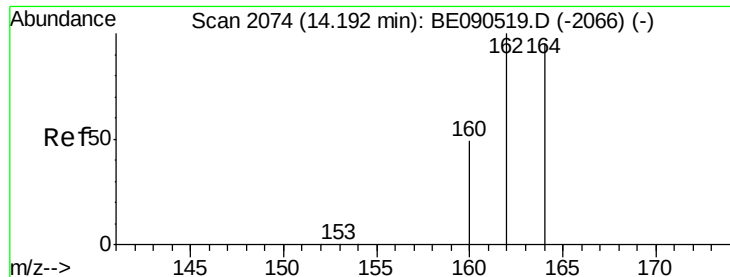


Abundance Ion 82.00 (81.70 to 82.70): BE0

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: BE090550.D

Acq: 18 Aug 2015 1:35

Instrument :

BNA_E

ClientSampled :

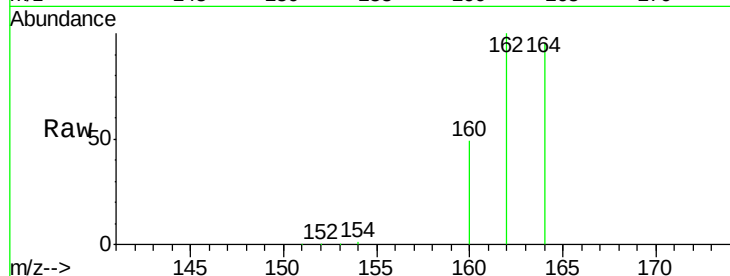
Tot Ion:164 Resp: 66470

Ion Ratio Lower Upper

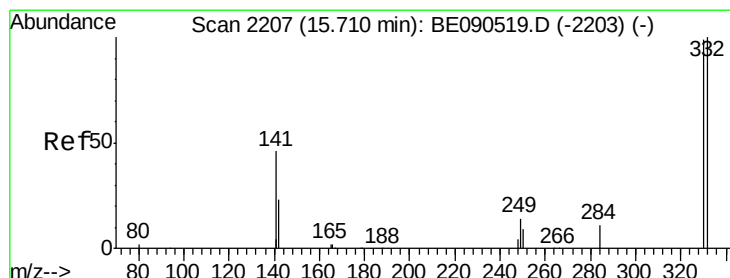
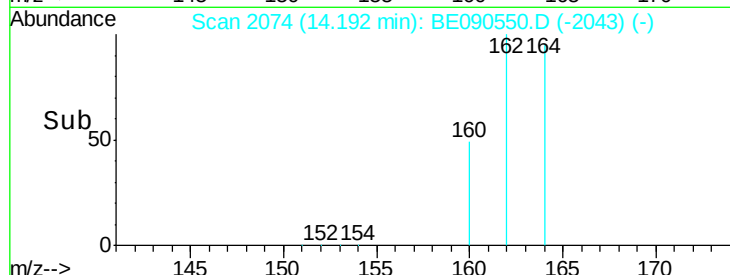
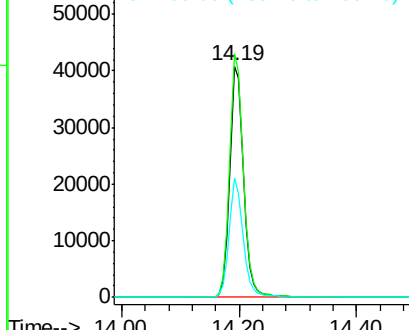
164 100

162 105.4 81.8 122.8

160 51.9 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: 9.28 ng

RT: 15.69 min Scan# 2206

Delta R.T. -0.02 min

Lab File: BE090550.D

Acq: 18 Aug 2015 1:35

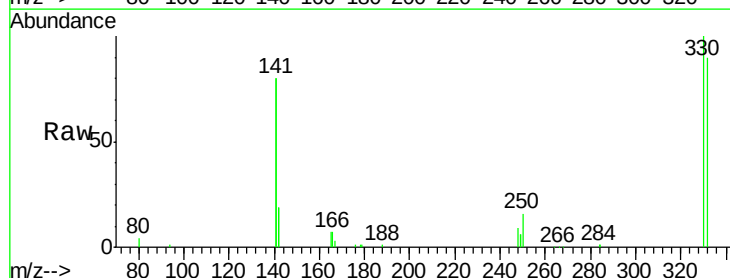
Tgt Ion:330 Resp: 23726

Ion Ratio Lower Upper

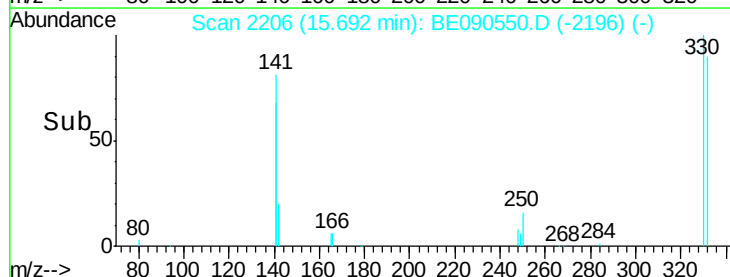
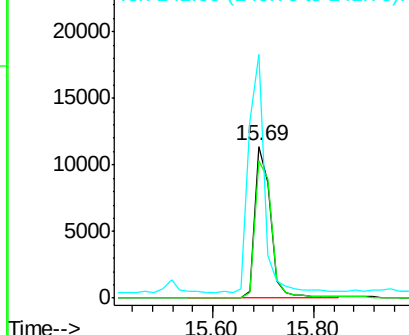
330 100

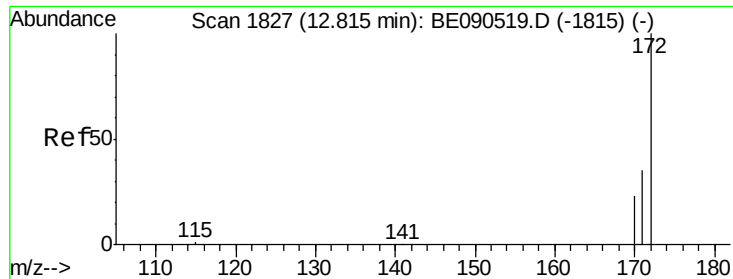
332 96.4 75.8 113.6

141 158.1 114.4 171.6



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

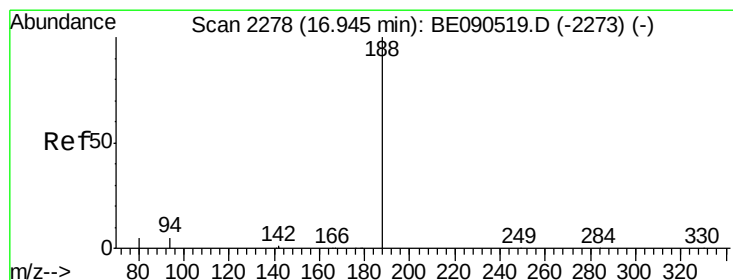
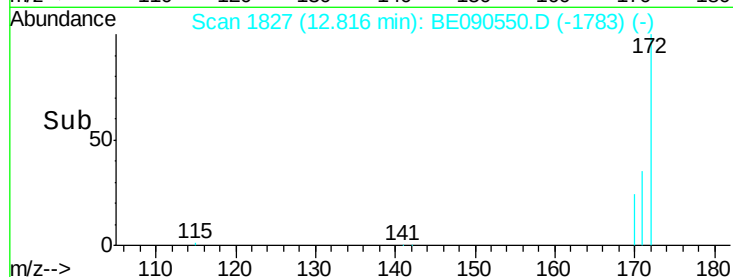
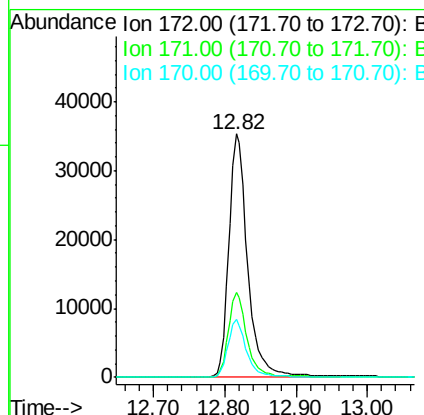
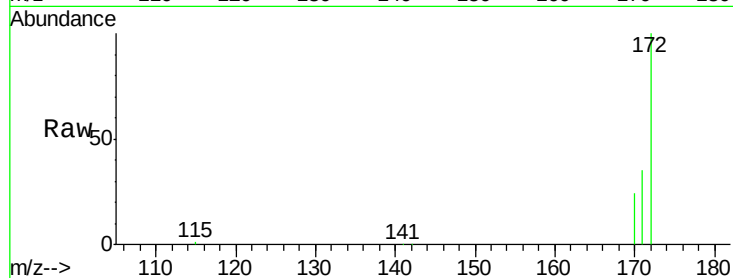




#14
2-Fluorobiphenyl
Concen: 3.29 ng
RT: 12.82 min Scan# 1827
Delta R.T. 0.00 min
Lab File: BE090550.D
Acq: 18 Aug 2015 1:35

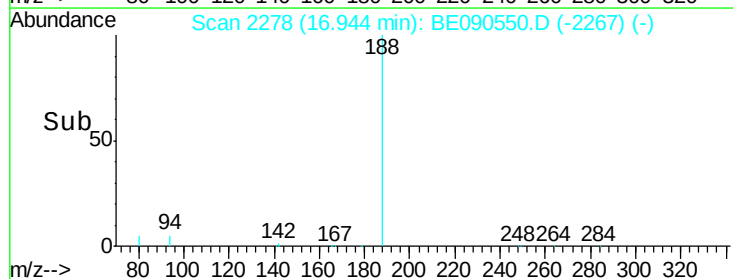
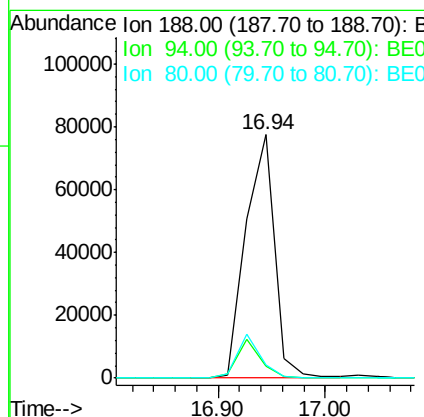
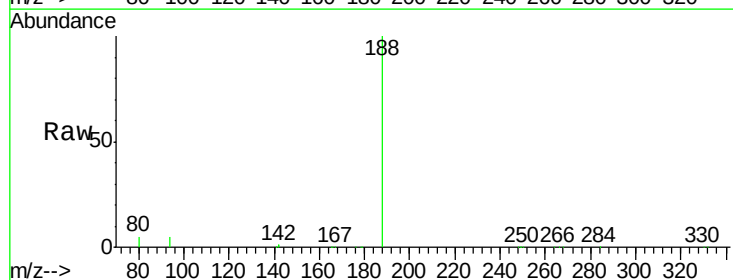
Instrument :
BNA_E
ClientSampleId :

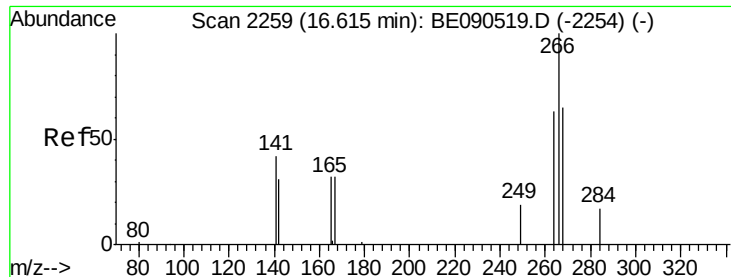
Tot Ion:172 Resp: 65230
Ion Ratio Lower Upper
172 100
171 35.1 28.5 42.7
170 24.0 19.8 29.8



#18
Phenanthrene-d10
Concen: 5.00 ng
RT: 16.94 min Scan# 2278
Delta R.T. -0.00 min
Lab File: BE090550.D
Acq: 18 Aug 2015 1:35

Tgt Ion:188 Resp: 143975
Ion Ratio Lower Upper
188 100
94 5.1 5.7 8.5#
80 5.2 5.8 8.8#

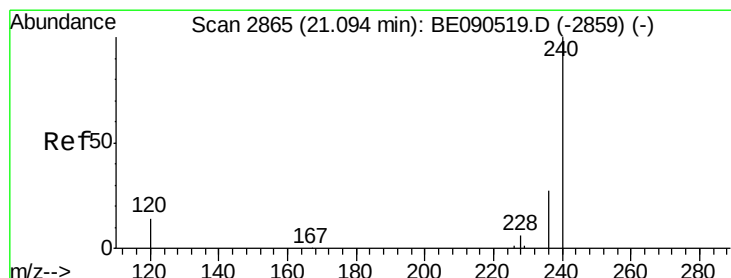
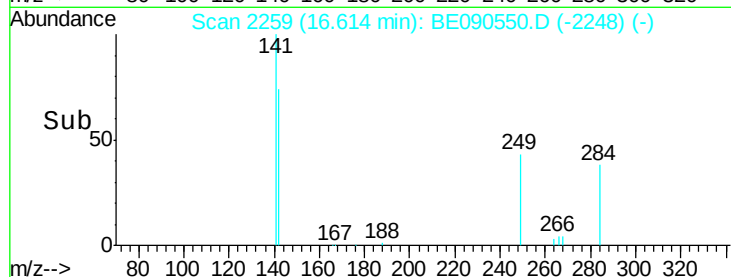
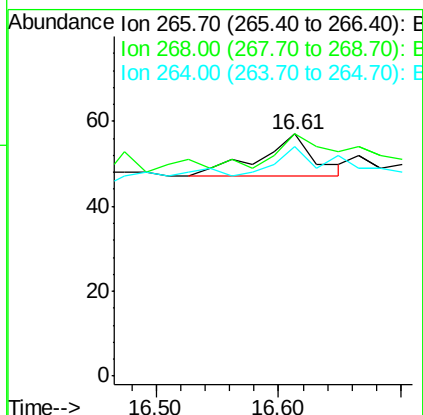
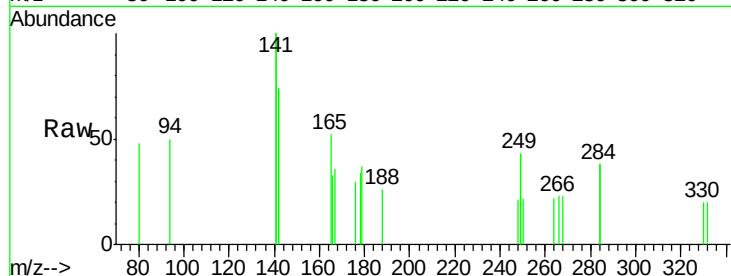




#21
Pentachlorophenol
Concen: 0.31 ng
RT: 16.61 min Scan# 2259
Delta R.T. -0.00 min
Lab File: BE090550.D
Acq: 18 Aug 2015 1:35

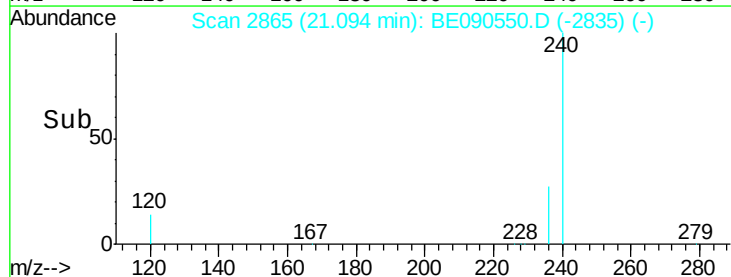
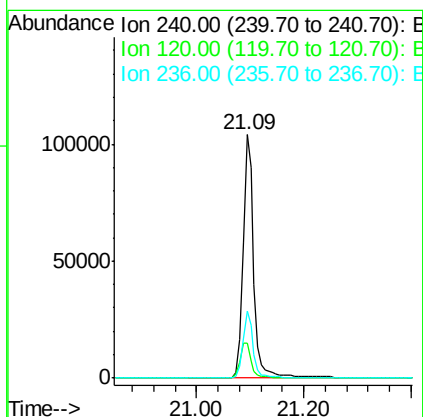
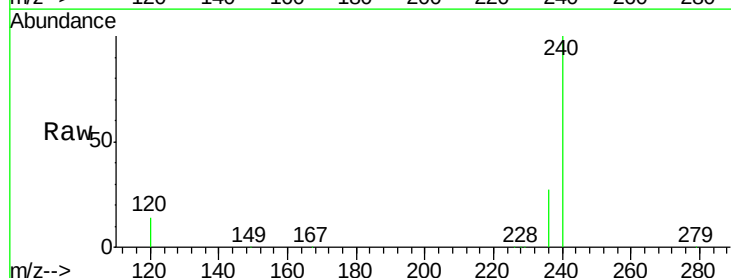
Instrument :
BNA_E
ClientSampleId :

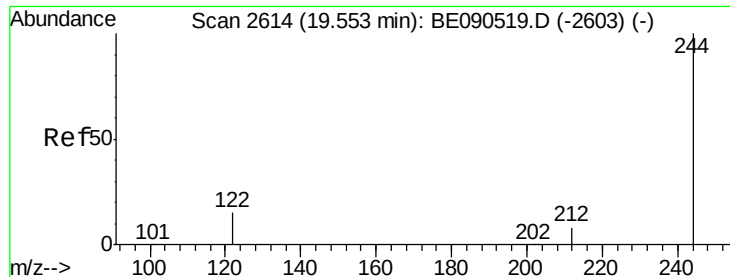
Tot Ion:266 Resp: 32
Ion Ratio Lower Upper
266 100
268 100.0 58.5 87.7#
264 94.7 56.0 84.0#



#25
Chrysene-d12
Concen: 5.00 ng
RT: 21.09 min Scan# 2865
Delta R.T. 0.00 min
Lab File: BE090550.D
Acq: 18 Aug 2015 1:35

Tgt Ion:240 Resp: 143250
Ion Ratio Lower Upper
240 100
120 14.5 8.3 12.5#
236 27.3 21.0 31.4

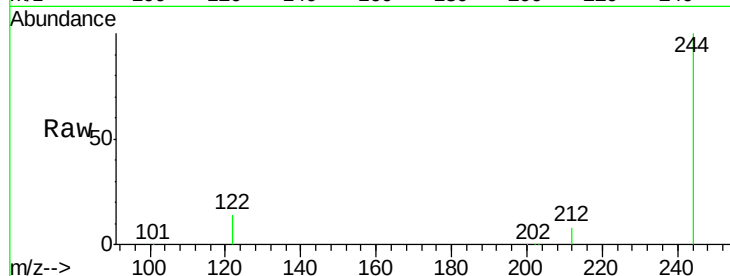




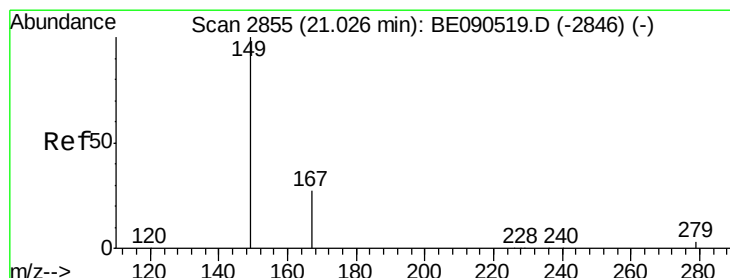
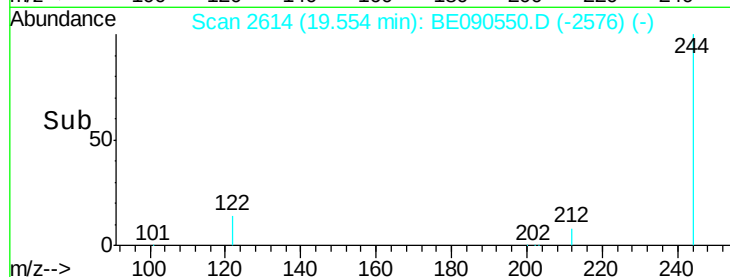
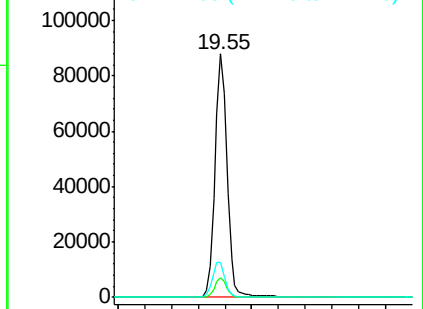
#27
 Terphenyl-d14
 Concen: 4.19 ng
 RT: 19.55 min Scan# 2614
 Delta R.T. 0.00 min
 Lab File: BE090550.D
 Acq: 18 Aug 2015 1:35

Instrument :
 BNA_E
 ClientSampled :

Tot Ion:244 Resp: 109653
 Ion Ratio Lower Upper
 244 100
 212 7.9 6.6 9.8
 122 14.2 10.2 15.4

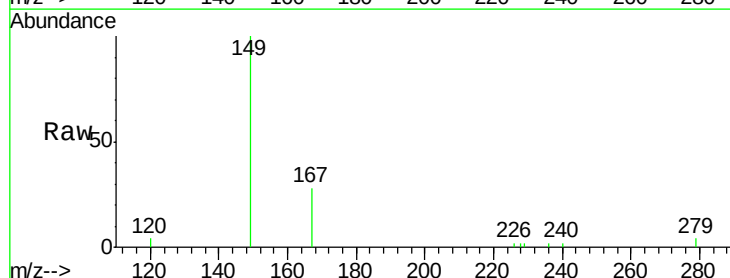


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E

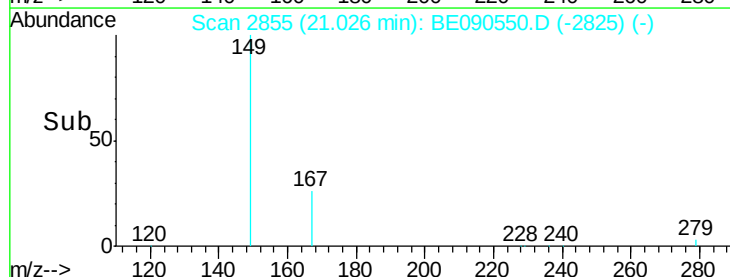
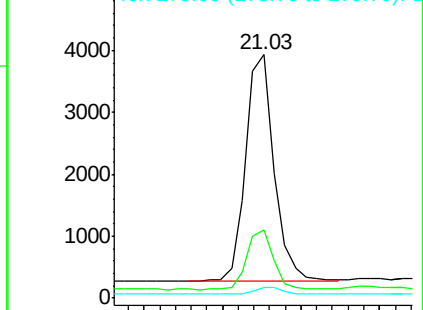


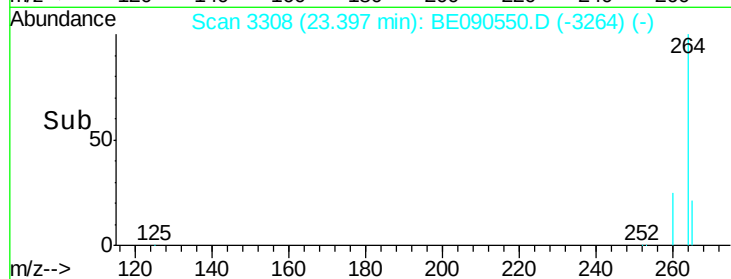
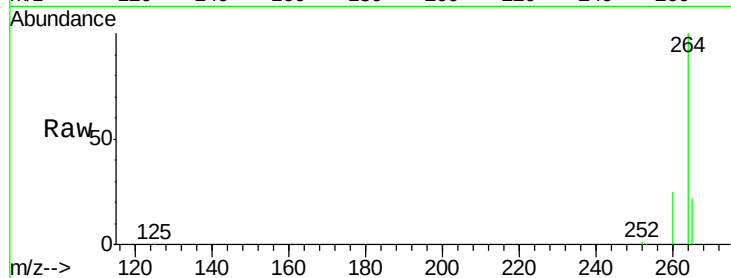
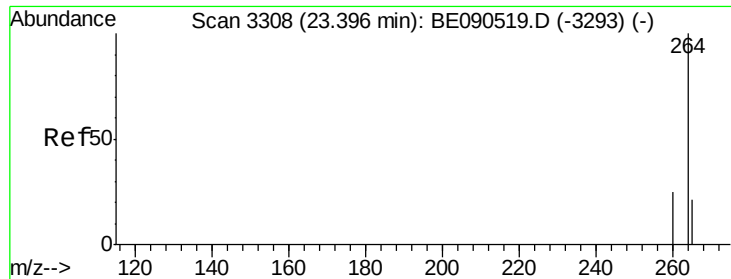
#30
 Bis(2-ethylhexyl)phthalate
 Concen: 0.34 ng
 RT: 21.03 min Scan# 2855
 Delta R.T. 0.00 min
 Lab File: BE090550.D
 Acq: 18 Aug 2015 1:35

Tgt Ion:149 Resp: 4596
 Ion Ratio Lower Upper
 149 100
 167 24.6 19.8 29.8
 279 3.0 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# 3308
 Delta R.T. 0.00 min
 Lab File: BE090550.D
 Acq: 18 Aug 2015 1:35

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	25.0	20.1	30.1
265	21.7	17.2	25.8

