

Data Path : Z:\HPCHEM1\BNA E\DATA\BE081715\
 Data File : BE090541.D
 Acq On : 17 Aug 2015 20:04
 Operator : UM/IZ
 Sample : G3323-06
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Aug 18 04:36:10 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

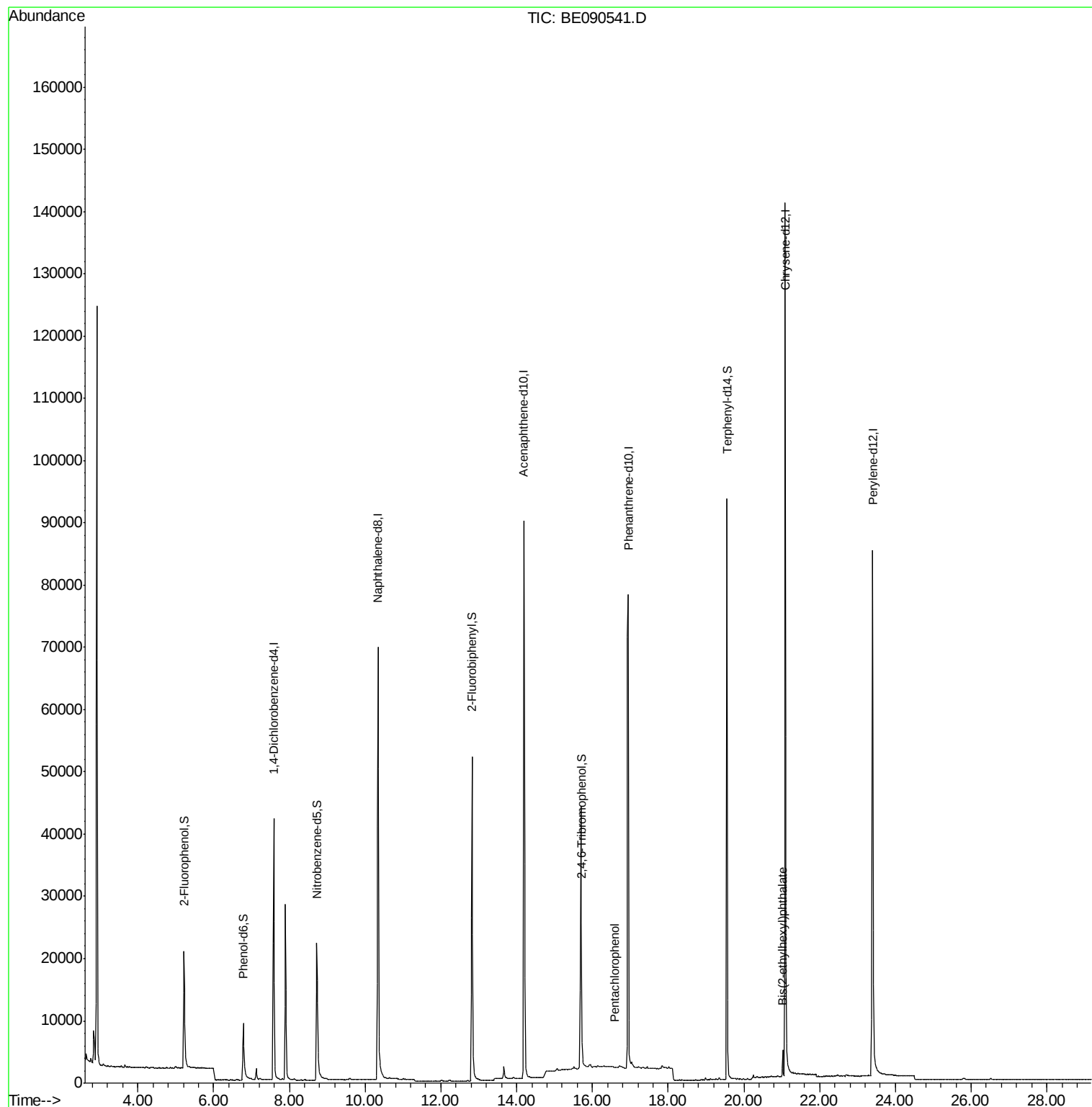
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.58	152	21892	5.00	ng	0.00
6) Naphthalene-d8	10.34	136	108891	5.00	ng	0.00
12) Acenaphthene-d10	14.20	164	60289	5.00	ng	0.00
18) Phenanthrene-d10	16.94	188	131022	5.00	ng	0.00
25) Chrysene-d12	21.09	240	136805	5.00	ng	0.00
32) Perylene-d12	23.40	264	127558	5.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.22	112	17851	2.82	ng	0.00
5) Phenol-d6	6.78	99	15636	1.68	ng	0.00
7) Nitrobenzene-d5	8.73	82	28511	3.29	ng	0.00
13) 2,4,6-Tribromophenol	15.71	330	20640	8.90	ng	0.00
14) 2-Fluorobiphenyl	12.82	172	60695	3.37	ng	0.00
27) Terphenyl-d14	19.55	244	97022	3.88	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.19	88	19	Below Cal	#	1
21) Pentachlorophenol	16.60	266	19	0.31 ng	#	67
30) Bis(2-ethylhexyl)phthalate	21.03	149	4105	0.32 ng		99

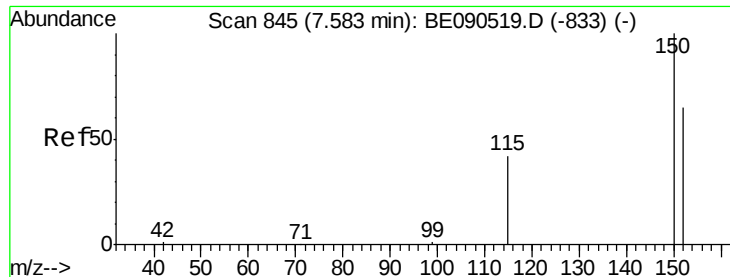
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Aug 14 16:52:42 2015
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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: BE090541.D

Acq: 17 Aug 2015 20:04

Instrument :

BNA_E

ClientSampled :

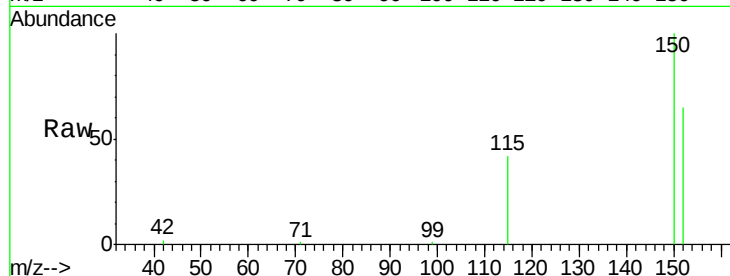
Tot Ion:152 Resp: 21892

Ion Ratio Lower Upper

152 100

150 153.5 123.0 184.4

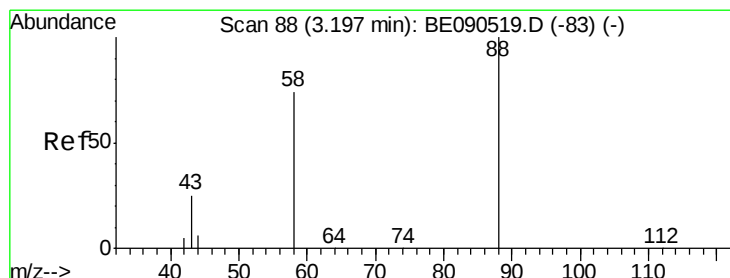
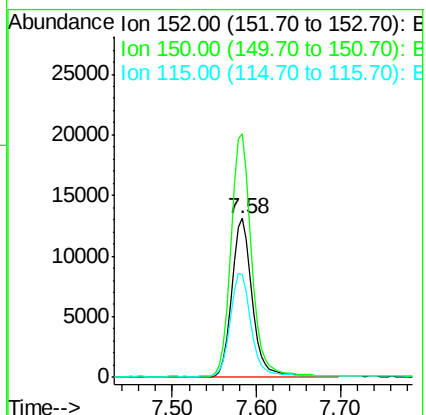
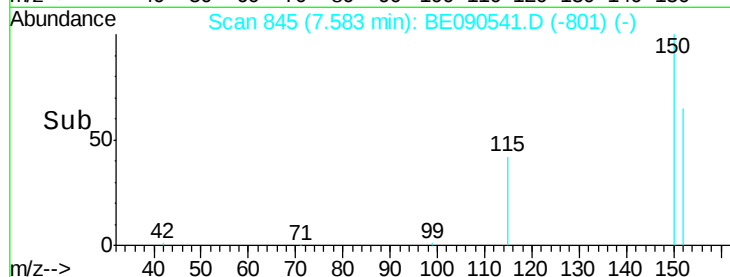
115 65.2 48.9 73.3



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: 3.19 min Scan# 87

Delta R.T. -0.01 min

Lab File: BE090541.D

Acq: 17 Aug 2015 20:04

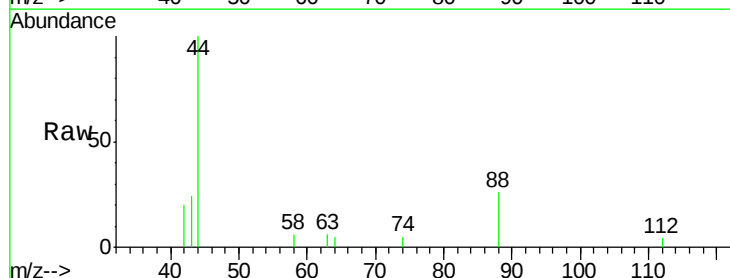
Tgt Ion: 88 Resp: 19

Ion Ratio Lower Upper

88 100

58 168.4 70.0 105.0#

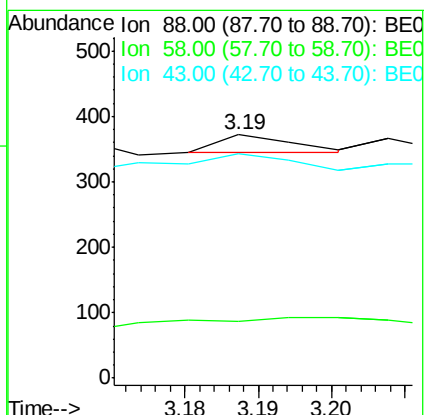
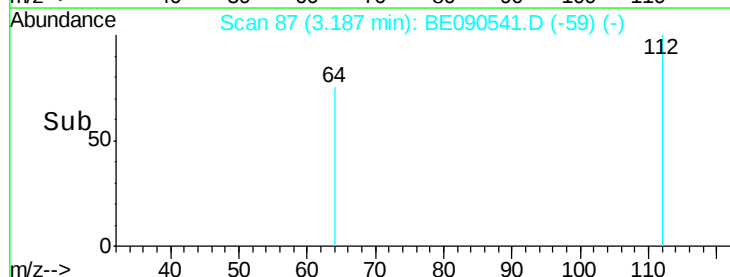
43 321.1 28.4 42.6#

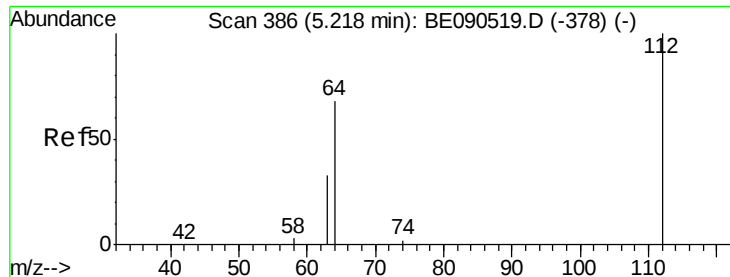


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#4

2-Fluorophenol

Concen: 2.82 ng

RT: 5.22 min Scan# 387

Delta R.T. 0.00 min

Lab File: BE090541.D

Acq: 17 Aug 2015 20:04

Instrument :

BNA_E

ClientSampled :

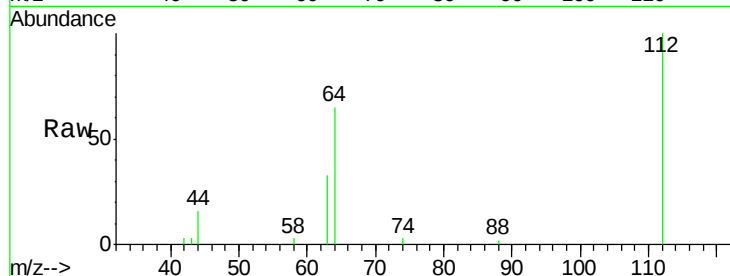
Tot Ion:112 Resp: 17851

Ion Ratio Lower Upper

112 100

64 69.5 37.1 55.7#

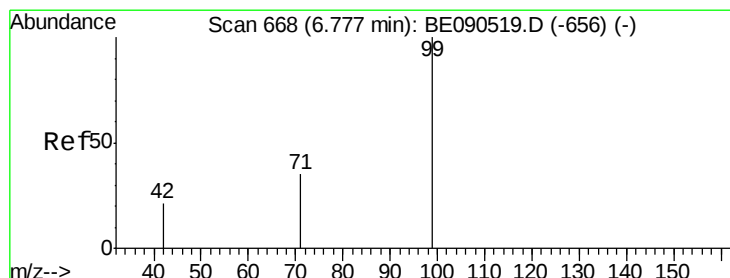
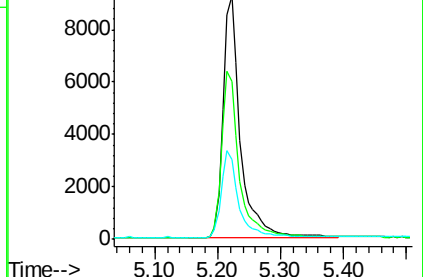
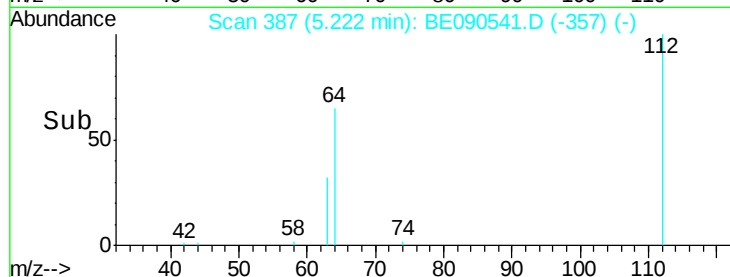
63 35.8 19.5 29.3#



Abundance Ion 112.00 (111.70 to 112.70): BE090541.D (-387) (-)

Ion 64.00 (63.70 to 64.70): BE090541.D (-387) (-)

Ion 63.00 (62.70 to 63.70): BE090541.D (-387) (-)



#5

Phenol-d6

Concen: 1.68 ng

RT: 6.78 min Scan# 669

Delta R.T. 0.00 min

Lab File: BE090541.D

Acq: 17 Aug 2015 20:04

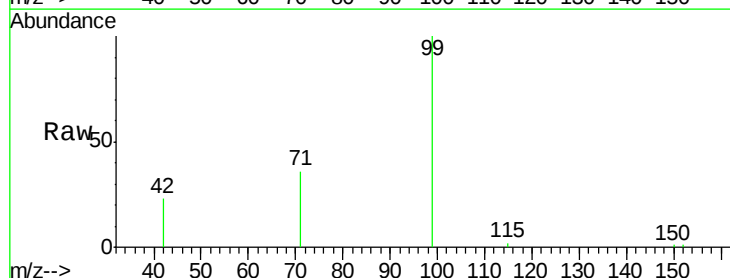
Tgt Ion: 99 Resp: 15636

Ion Ratio Lower Upper

99 100

42 20.2 18.2 27.4

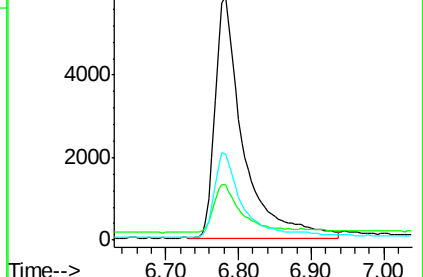
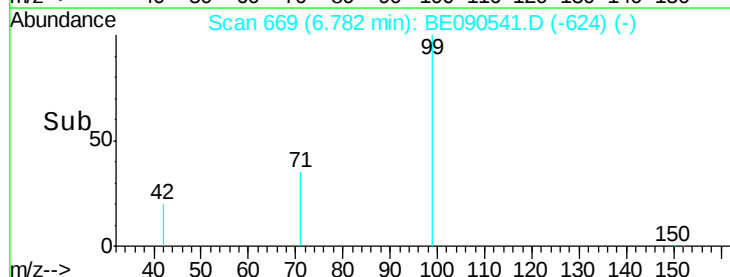
71 35.8 27.4 41.0

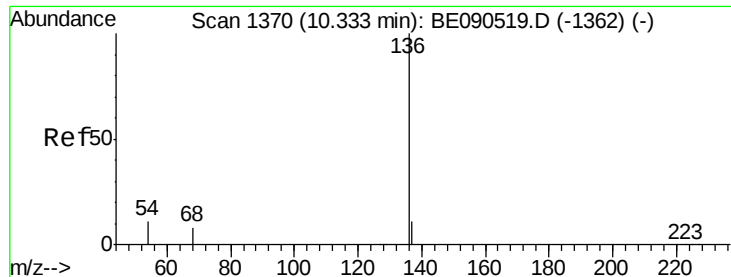


Abundance Ion 99.00 (98.70 to 99.70): BE090541.D (-669) (-)

Ion 42.00 (41.70 to 42.70): BE090541.D (-669) (-)

Ion 71.00 (70.70 to 71.70): BE090541.D (-669) (-)





#6

Naphthalene-d8

Concen: 5.00 ng

RT: 10.34 min Scan# 1371

Delta R.T. 0.01 min

Lab File: BE090541.D

Acq: 17 Aug 2015 20:04

Instrument :

BNA_E

ClientSampleId :

Tot Ion:136 Resp: 108891

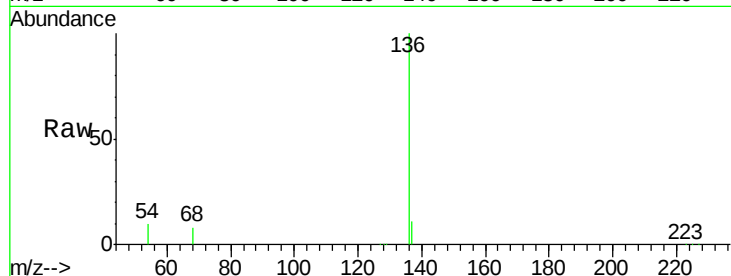
Ion Ratio Lower Upper

136 100

137 11.1 8.7 13.1

54 10.1 9.4 14.0

68 7.7 6.5 9.7

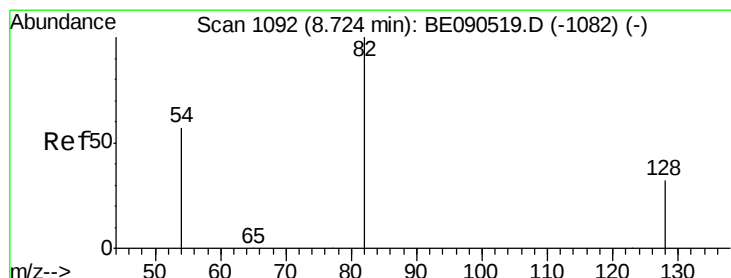
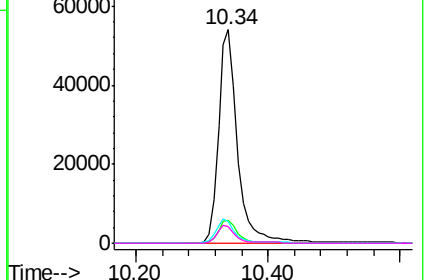
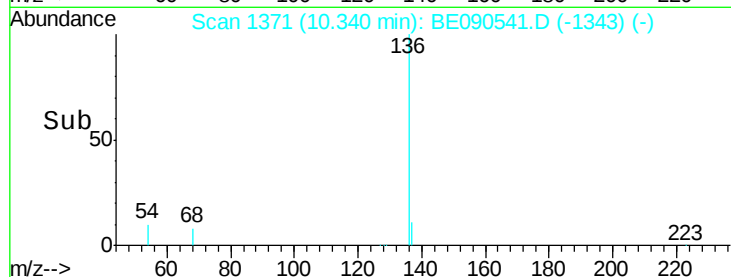


Abundance Ion 136.00 (135.70 to 136.70): E

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: 3.29 ng

RT: 8.73 min Scan# 1093

Delta R.T. 0.00 min

Lab File: BE090541.D

Acq: 17 Aug 2015 20:04

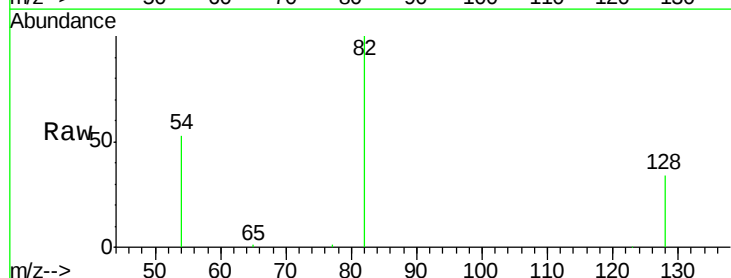
Tgt Ion: 82 Resp: 28511

Ion Ratio Lower Upper

82 100

128 34.5 25.0 37.6

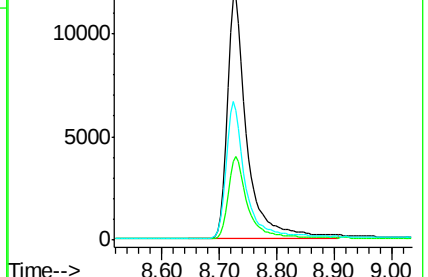
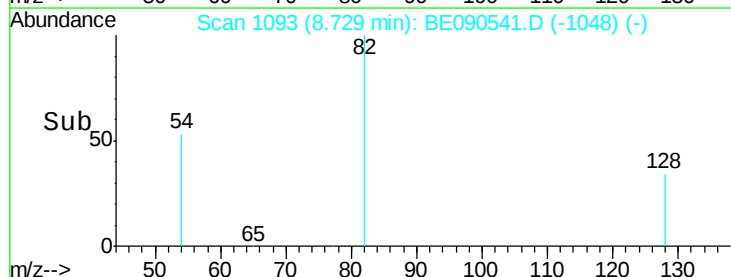
54 53.2 48.8 73.2

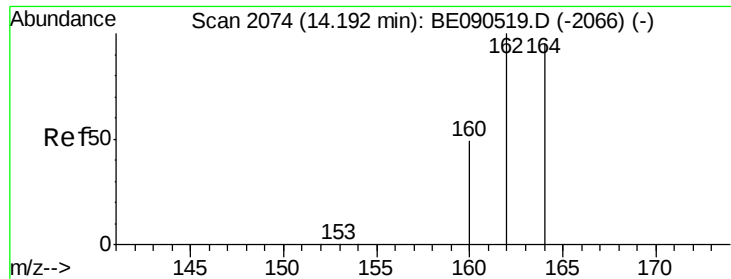


Abundance Ion 82.00 (81.70 to 82.70): BE0

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: BE090541.D

Acq: 17 Aug 2015 20:04

Instrument :

BNA_E

ClientSampleId :

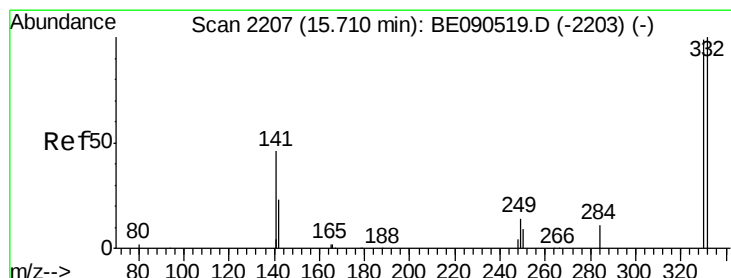
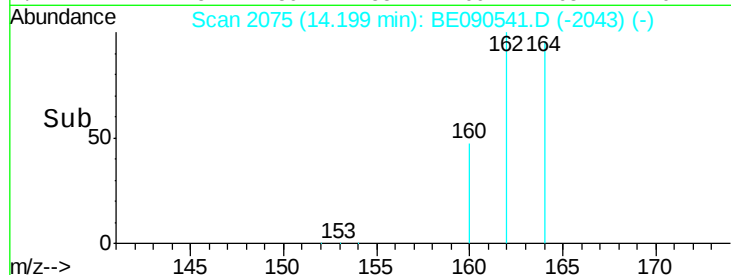
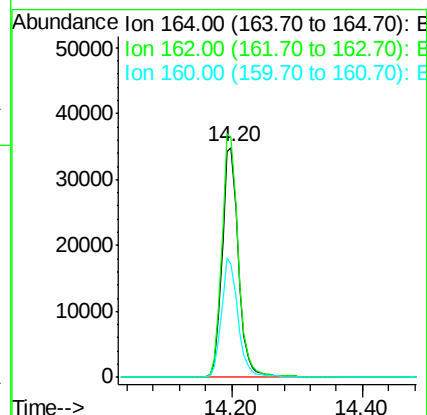
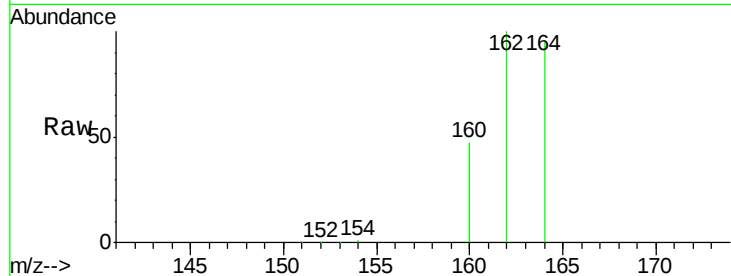
Tot Ion:164 Resp: 60289

Ion Ratio Lower Upper

164 100

162 104.4 81.8 122.8

160 48.9 44.2 66.4



#13

2,4,6-Tribromophenol

Concen: 8.90 ng

RT: 15.71 min Scan# 2207

Delta R.T. -0.00 min

Lab File: BE090541.D

Acq: 17 Aug 2015 20:04

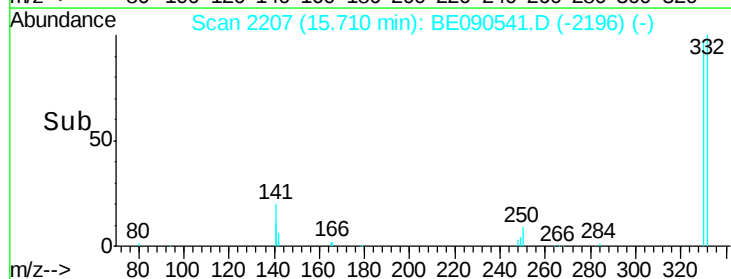
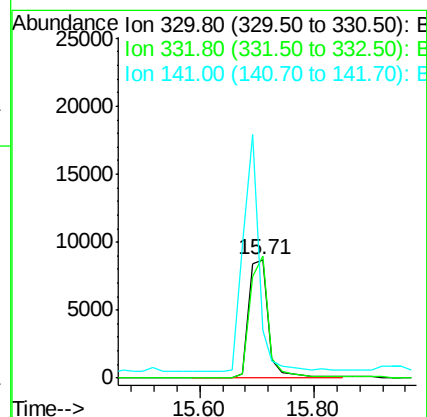
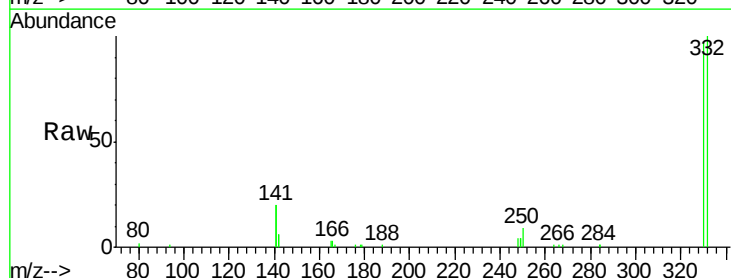
Tgt Ion:330 Resp: 20640

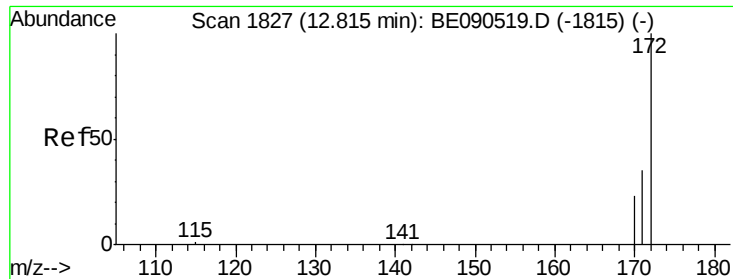
Ion Ratio Lower Upper

330 100

332 96.8 75.8 113.6

141 165.1 114.4 171.6

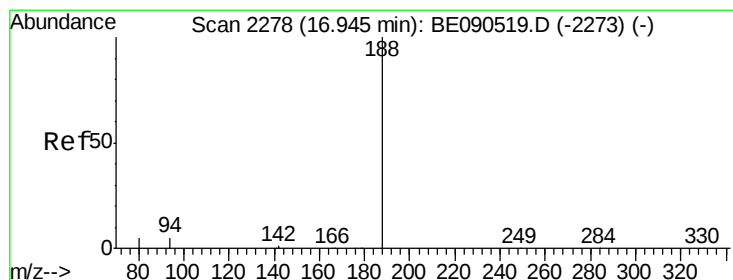
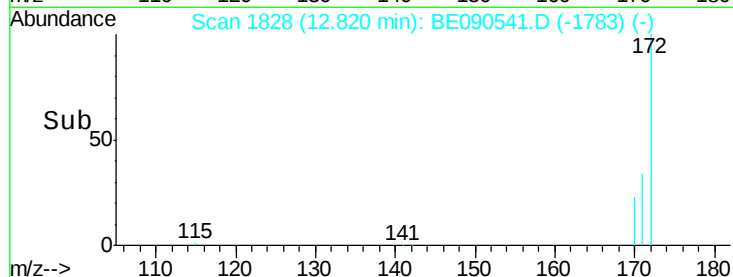
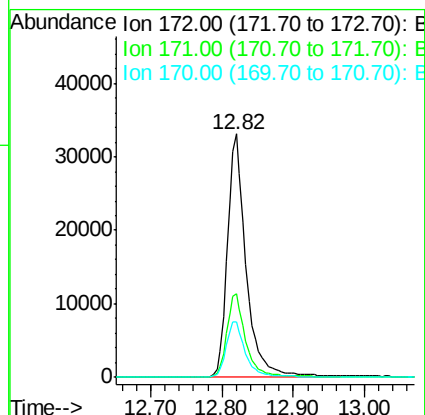
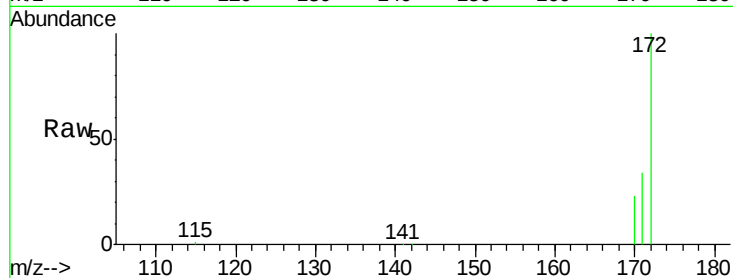




#14
2-Fluorobiphenyl
Concen: 3.37 ng
RT: 12.82 min Scan# 1828
Delta R.T. 0.00 min
Lab File: BE090541.D
Acq: 17 Aug 2015 20:04

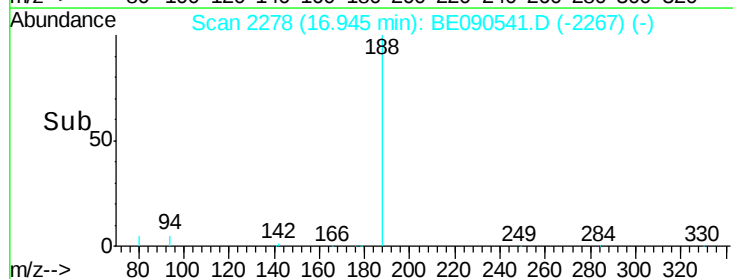
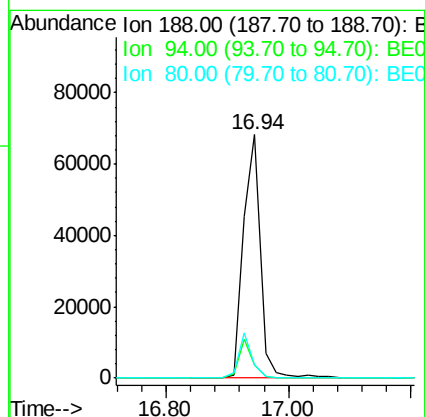
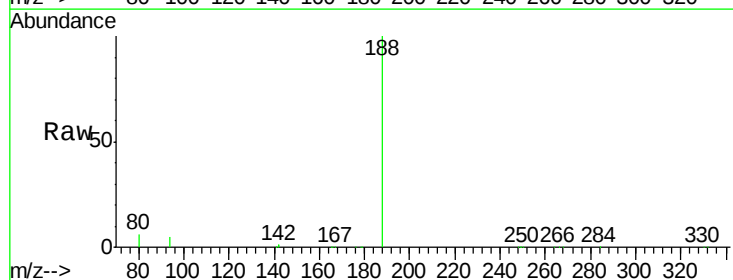
Instrument :
BNA_E
ClientSampleId :

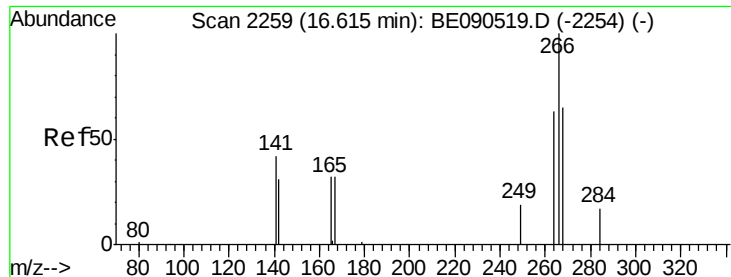
Tot Ion:172 Resp: 60695
Ion Ratio Lower Upper
172 100
171 34.4 28.5 42.7
170 22.8 19.8 29.8



#18
Phenanthrene-d10
Concen: 5.00 ng
RT: 16.94 min Scan# 2278
Delta R.T. -0.00 min
Lab File: BE090541.D
Acq: 17 Aug 2015 20:04

Tgt Ion:188 Resp: 131022
Ion Ratio Lower Upper
188 100
94 5.5 5.7 8.5#
80 5.6 5.8 8.8#

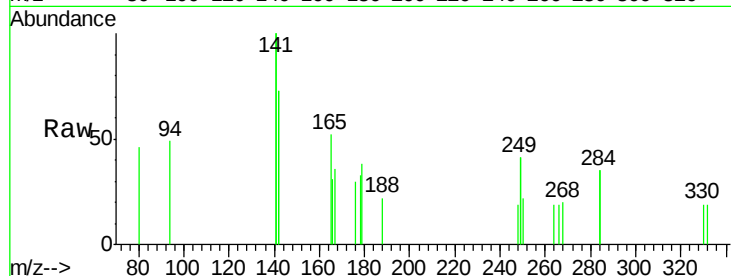




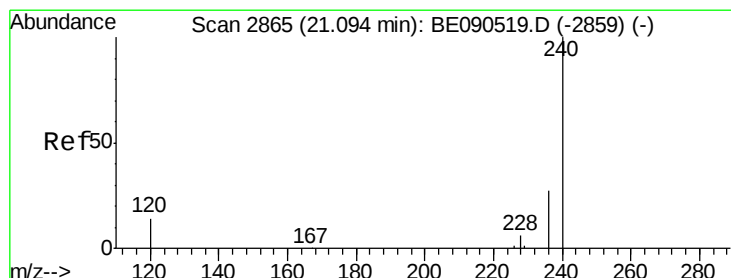
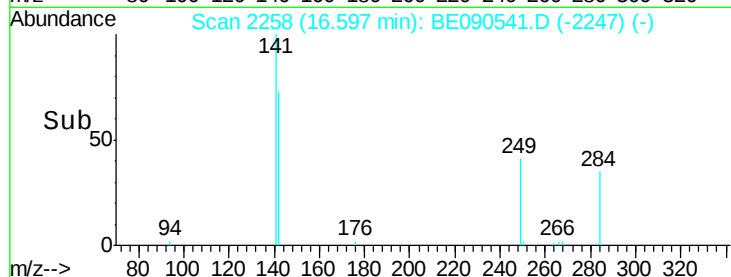
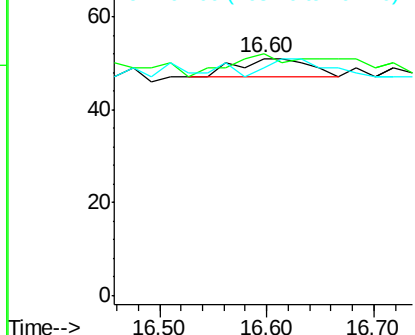
#21
 Pentachlorophenol
 Concen: 0.31 ng
 RT: 16.60 min Scan# 2258
 Delta R.T. -0.02 min
 Lab File: BE090541.D
 Acq: 17 Aug 2015 20:04

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion:266 Resp: 19
 Ion Ratio Lower Upper
 266 100
 268 102.0 58.5 87.7#
 264 96.1 56.0 84.0#

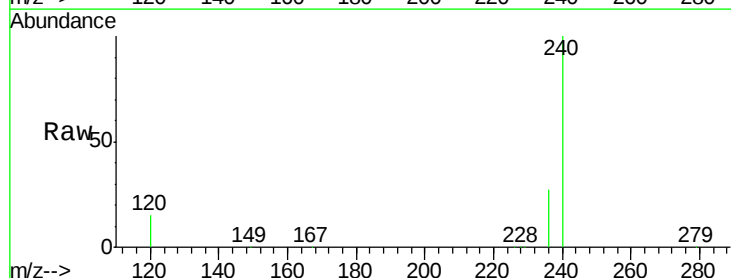


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

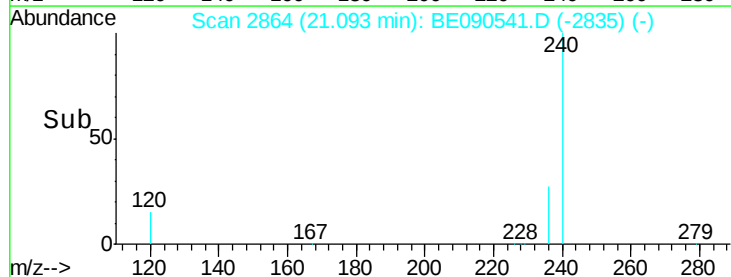
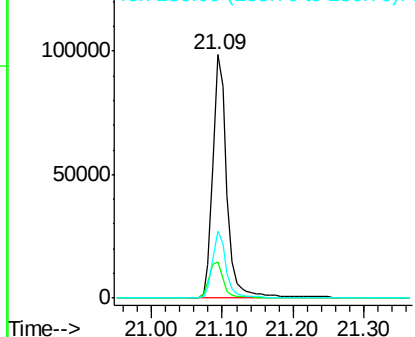


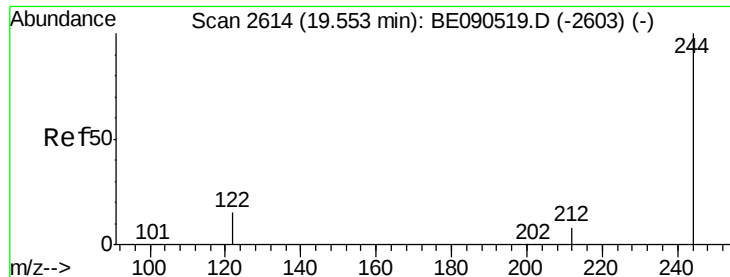
#25
 Chrysene-d12
 Concen: 5.00 ng
 RT: 21.09 min Scan# 2864
 Delta R.T. -0.00 min
 Lab File: BE090541.D
 Acq: 17 Aug 2015 20:04

Tgt Ion:240 Resp: 136805
 Ion Ratio Lower Upper
 240 100
 120 14.7 8.3 12.5#
 236 27.4 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

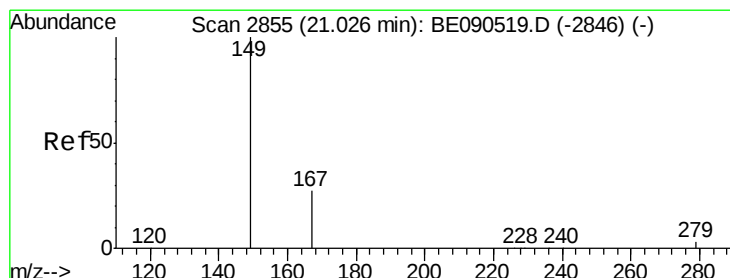
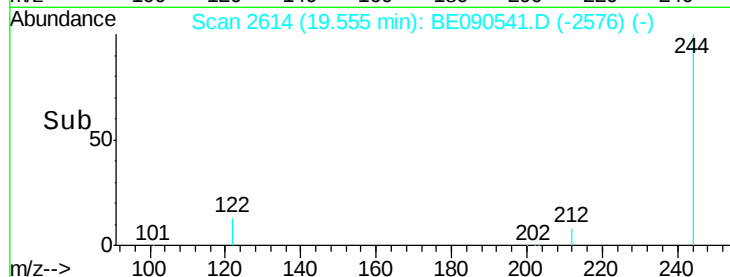
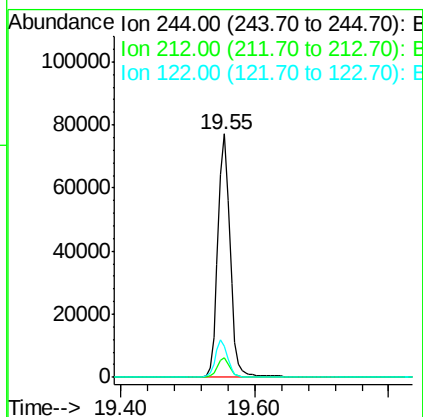
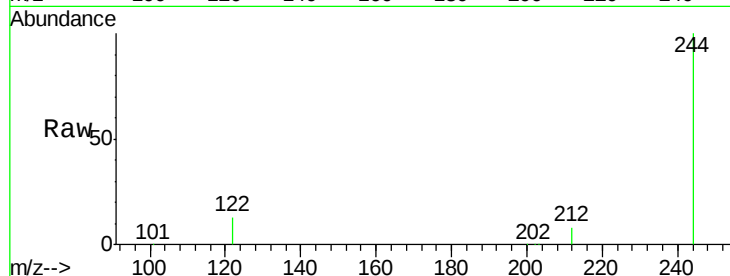




#27
 Terphenyl-d14
 Concen: 3.88 ng
 RT: 19.55 min Scan# 2614
 Delta R.T. 0.00 min
 Lab File: BE090541.D
 Acq: 17 Aug 2015 20:04

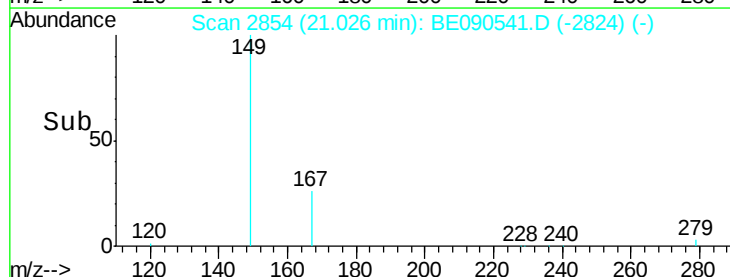
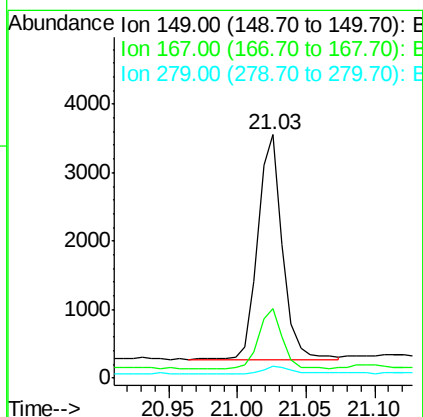
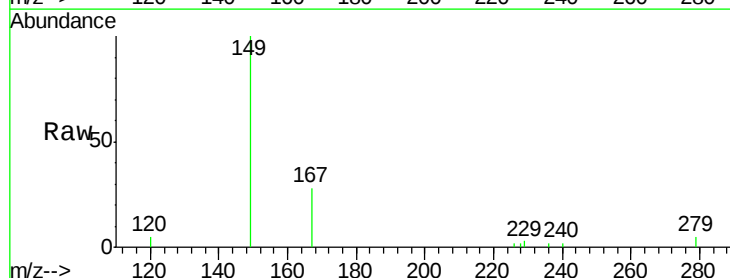
Instrument :
 BNA_E
 ClientSampled :

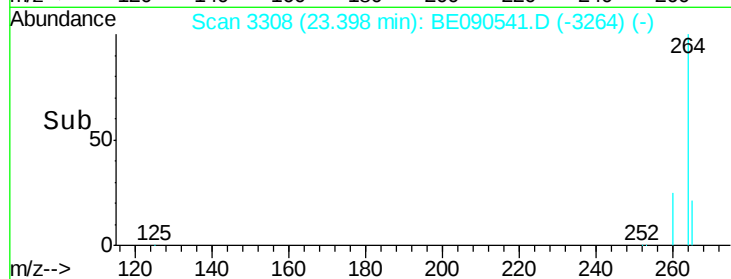
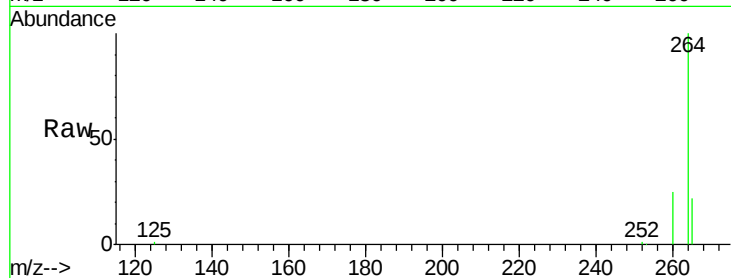
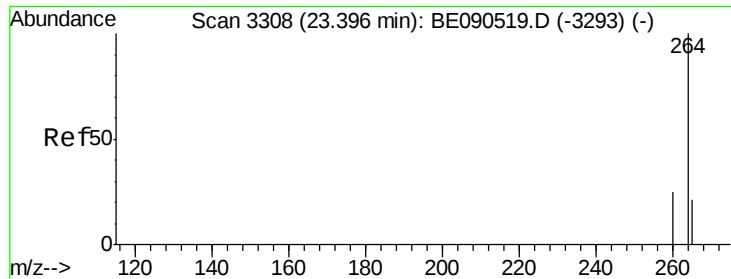
Tot Ion:244 Resp: 97022
 Ion Ratio Lower Upper
 244 100
 212 7.9 6.6 9.8
 122 12.8 10.2 15.4



#30
 Bis(2-ethylhexyl)phthalate
 Concen: 0.32 ng
 RT: 21.03 min Scan# 2854
 Delta R.T. 0.00 min
 Lab File: BE090541.D
 Acq: 17 Aug 2015 20:04

Tgt Ion:149 Resp: 4105
 Ion Ratio Lower Upper
 149 100
 167 25.4 19.8 29.8
 279 3.6 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: BE090541.D
Acq: 17 Aug 2015 20:04

Instrument :
BNA_E
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	25.1	20.1	30.1
265	21.6	17.2	25.8

