

Data Path : Z:\HPCHEM1\BNA E\DATA\BE082815\
 Data File : BE090662.D
 Acq On : 28 Aug 2015 18:55
 Operator : UM/IZ
 Sample : G3460-06
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Aug 31 04:52:45 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

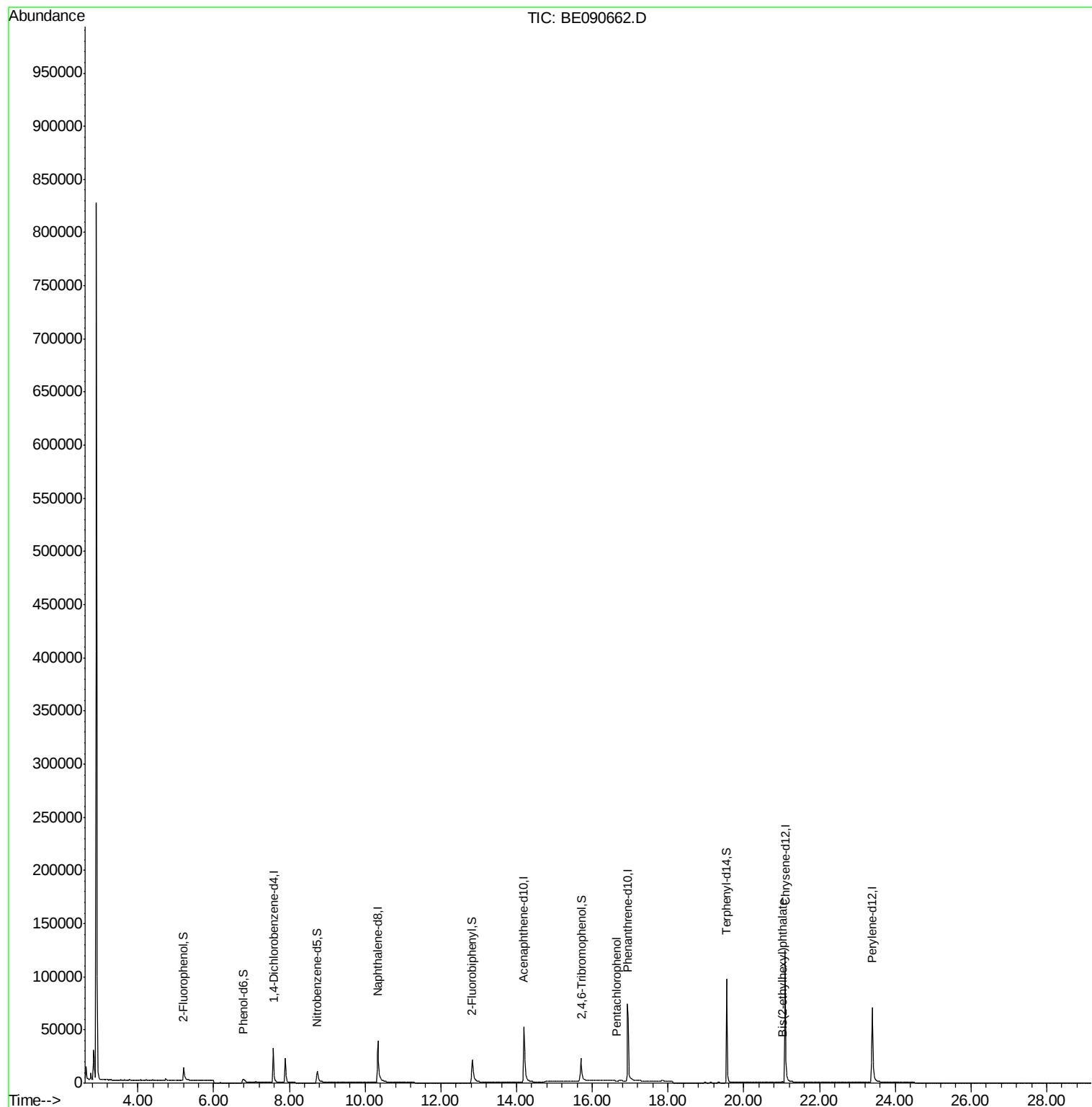
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.58	152	20027	5.00	ng	0.00
6) Naphthalene-d8	10.34	136	85811	5.00	ng	0.00
12) Acenaphthene-d10	14.19	164	50329	5.00	ng	0.00
18) Phenanthrene-d10	16.94	188	136189	5.00	ng	0.00
25) Chrysene-d12	21.09	240	148106	5.00	ng	0.00
32) Perylene-d12	23.39	264	123986	5.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.21	112	13394	2.31	ng	0.00
5) Phenol-d6	6.78	99	9973	1.17	ng	0.00
7) Nitrobenzene-d5	8.74	82	21419	3.13	ng	0.02
13) 2,4,6-Tribromophenol	15.71	330	14293	7.38	ng	0.00
14) 2-Fluorobiphenyl	12.83	172	48585	3.23	ng	0.02
27) Terphenyl-d14	19.55	244	111668	4.12	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.18	88	86	Below Cal	#	21
21) Pentachlorophenol	16.63	266	14	0.31 ng	#	67
30) Bis(2-ethylhexyl)phthalate	21.02	149	1124	0.19 ng	#	96

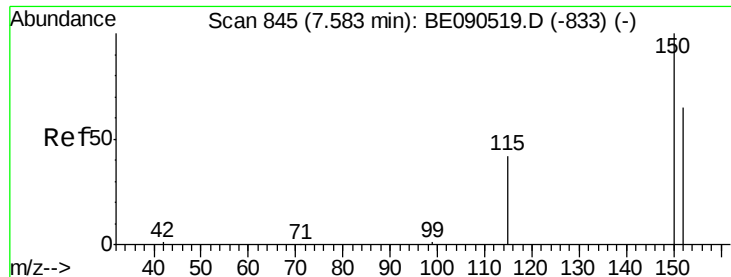
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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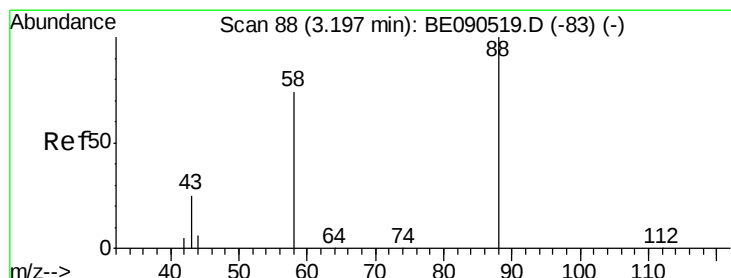
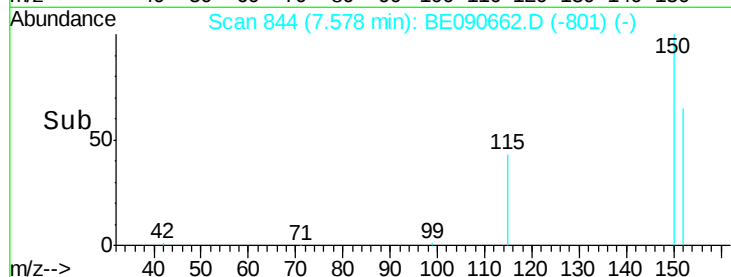
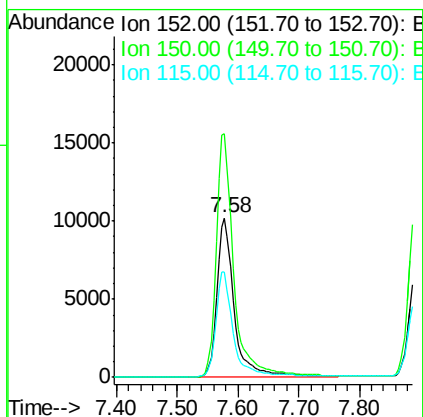
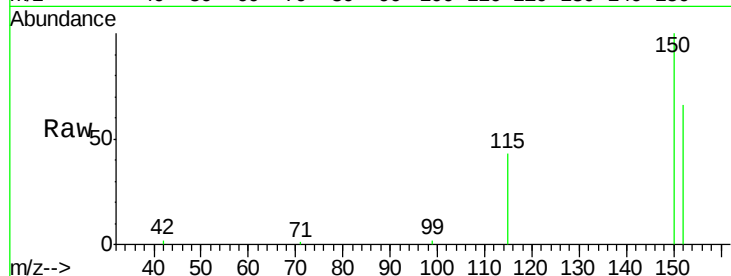


#1

1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.58 min Scan# 844
Delta R.T. -0.01 min
Lab File: BE090662.D
Acq: 28 Aug 2015 18:55

Instrument :
BNA_E
ClientSampleId :

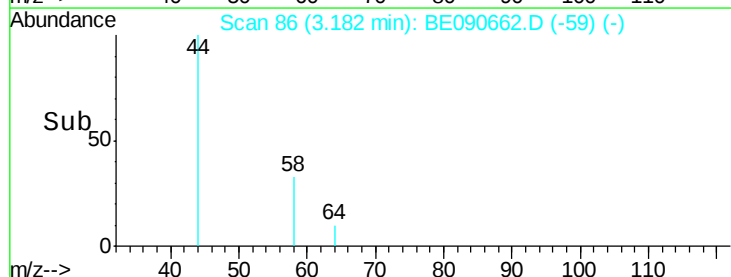
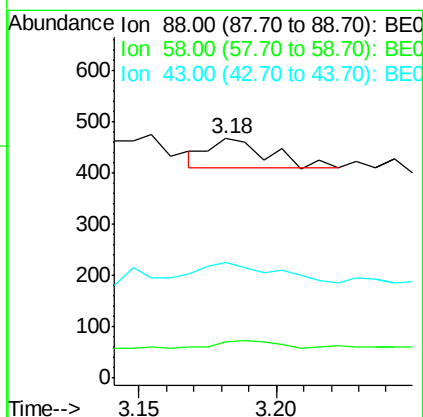
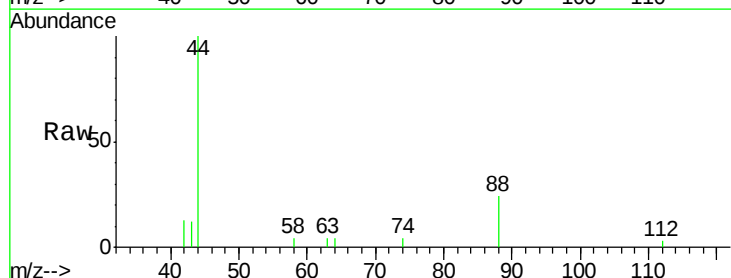
Tot Ion:152 Resp: 20027
Ion Ratio Lower Upper
152 100
150 152.5 123.0 184.4
115 66.0 48.9 73.3

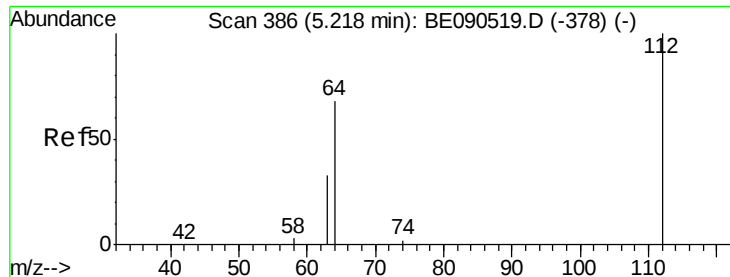


#2

1,4-Dioxane
Concen: Below Cal
RT: 3.18 min Scan# 86
Delta R.T. -0.01 min
Lab File: BE090662.D
Acq: 28 Aug 2015 18:55

Tgt Ion: 88 Resp: 86
Ion Ratio Lower Upper
88 100
58 31.4 70.0 105.0#
43 109.3 28.4 42.6#





#4

2-Fluorophenol

Concen: 2.31 ng

RT: 5.21 min Scan# 385

Delta R.T. -0.01 min

Lab File: BE090662.D

Acq: 28 Aug 2015 18:55

Instrument :

BNA_E

ClientSampled :

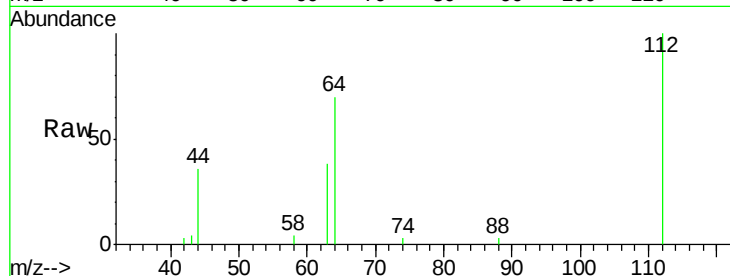
Tot Ion:112 Resp: 13394

Ion Ratio Lower Upper

112 100

64 71.0 37.1 55.7#

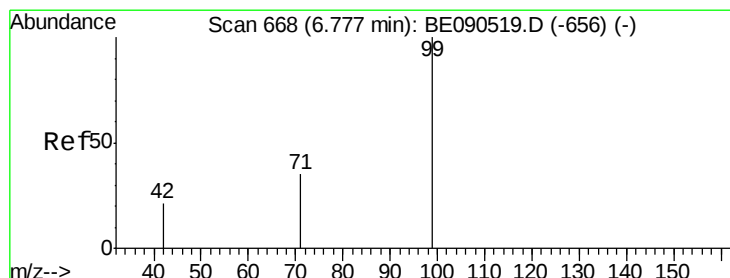
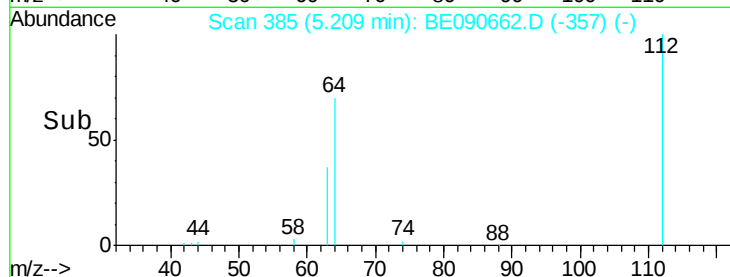
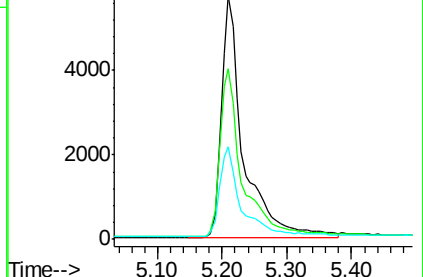
63 36.8 19.5 29.3#



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) (-)



#5

Phenol-d6

Concen: 1.17 ng

RT: 6.78 min Scan# 668

Delta R.T. -0.00 min

Lab File: BE090662.D

Acq: 28 Aug 2015 18:55

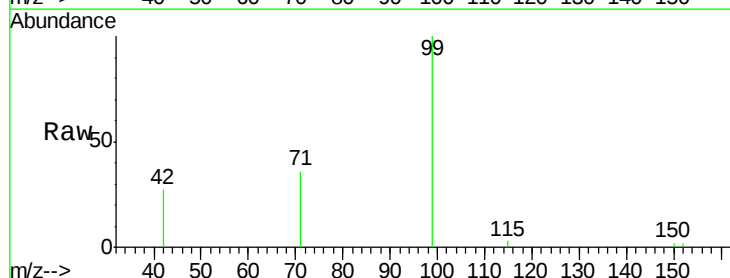
Tgt Ion: 99 Resp: 9973

Ion Ratio Lower Upper

99 100

42 21.1 18.2 27.4

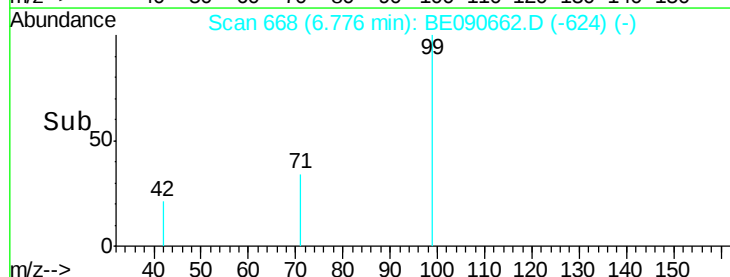
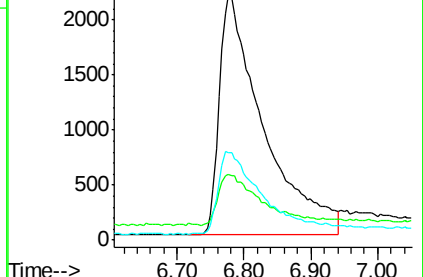
71 34.1 27.4 41.0

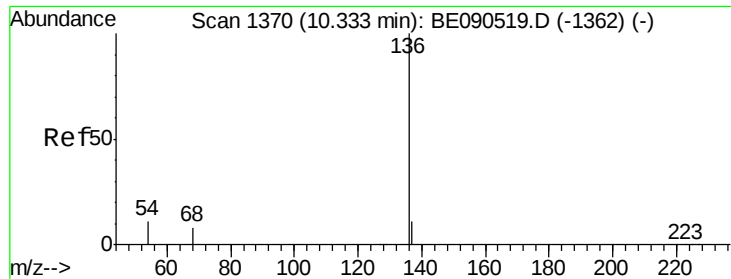


Abundance Ion 99.00 (98.70 to 99.70): BE090519.D (-656) (-)

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

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





#6

Naphthalene-d8

Concen: 5.00 ng

RT: 10.34 min Scan# 1371

Delta R.T. 0.01 min

Lab File: BE090662.D

Acq: 28 Aug 2015 18:55

Instrument :

BNA_E

ClientSampled :

Tot Ion:136 Resp: 85811

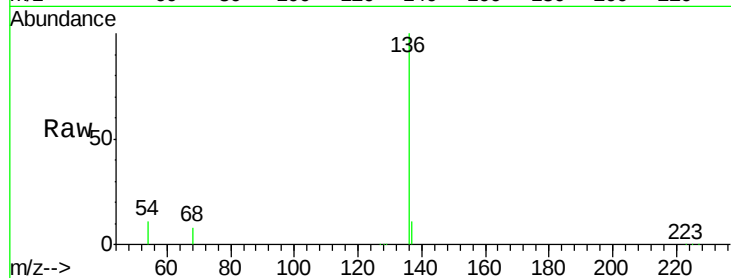
Ion Ratio Lower Upper

136 100

137 10.9 8.7 13.1

54 10.7 9.4 14.0

68 7.8 6.5 9.7

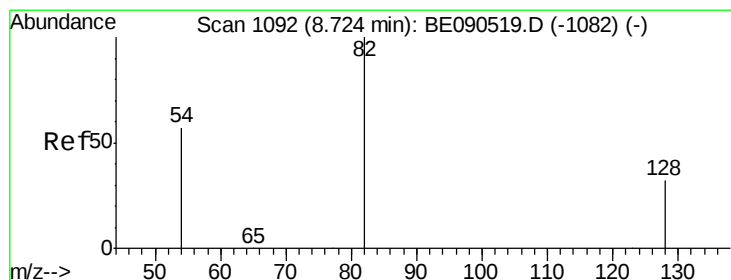
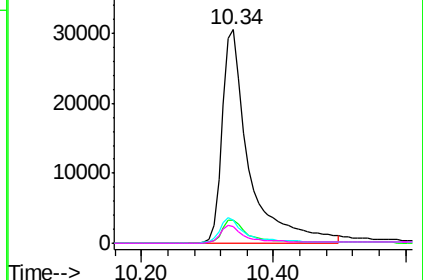
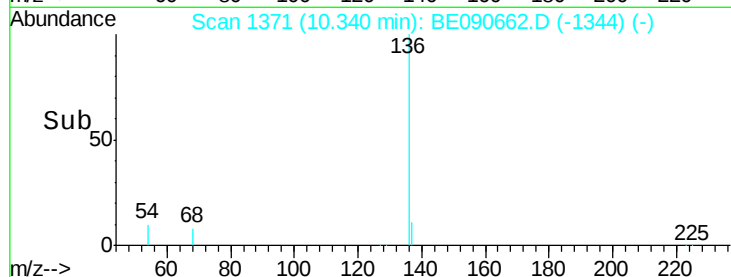


Abundance Ion 136.00 (135.70 to 136.70): E

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: 3.13 ng

RT: 8.74 min Scan# 1095

Delta R.T. 0.02 min

Lab File: BE090662.D

Acq: 28 Aug 2015 18:55

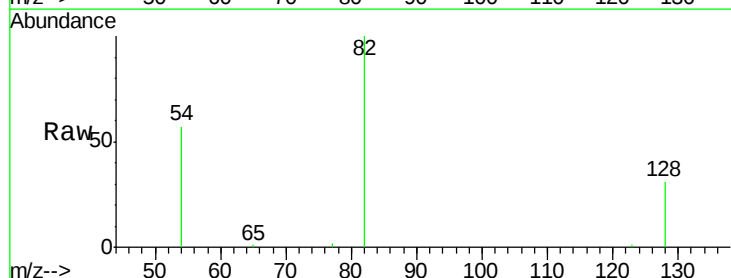
Tgt Ion: 82 Resp: 21419

Ion Ratio Lower Upper

82 100

128 30.5 25.0 37.6

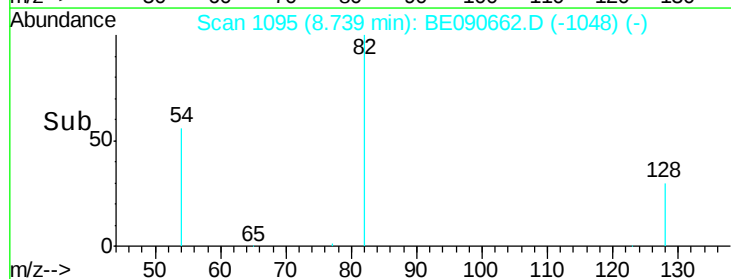
54 56.7 48.8 73.2



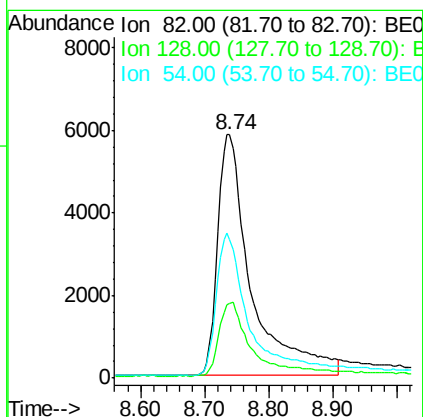
Abundance Ion 82.00 (81.70 to 82.70): BE0

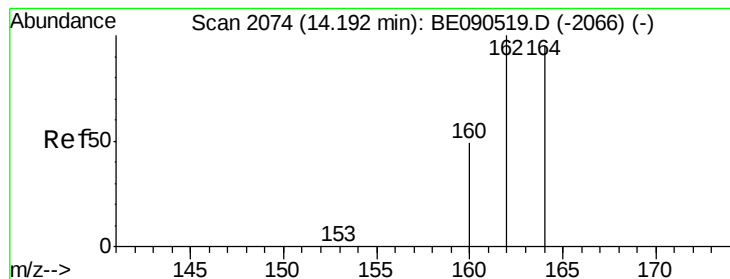
Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0



Time-->





#12

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.19 min Scan# 2074

Delta R.T. 0.00 min

Lab File: BE090662.D

Acq: 28 Aug 2015 18:55

Instrument :

BNA_E

ClientSampleId :

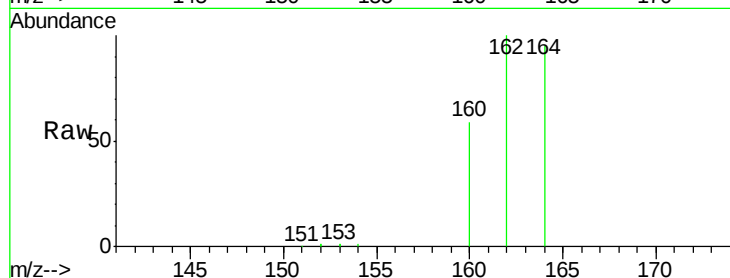
Tot Ion:164 Resp: 50329

Ion Ratio Lower Upper

164 100

162 105.8 81.8 122.8

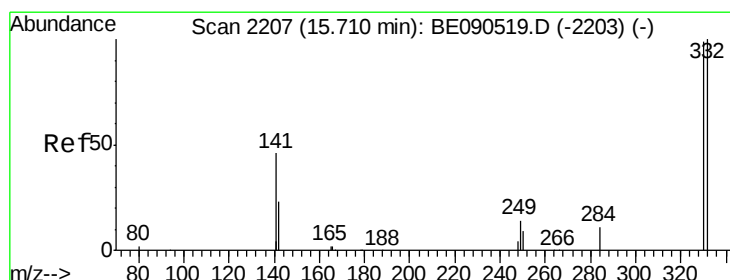
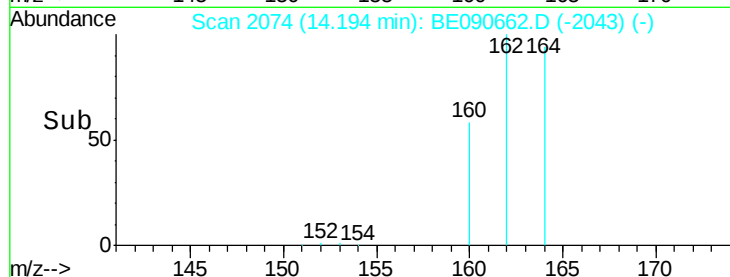
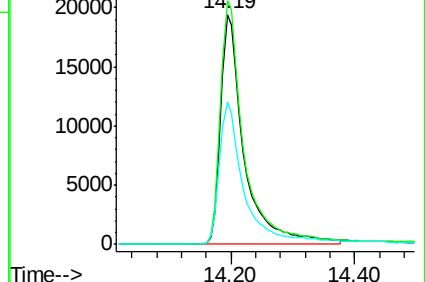
160 62.0 44.2 66.4



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: 7.38 ng

RT: 15.71 min Scan# 2206

Delta R.T. -0.00 min

Lab File: BE090662.D

Acq: 28 Aug 2015 18:55

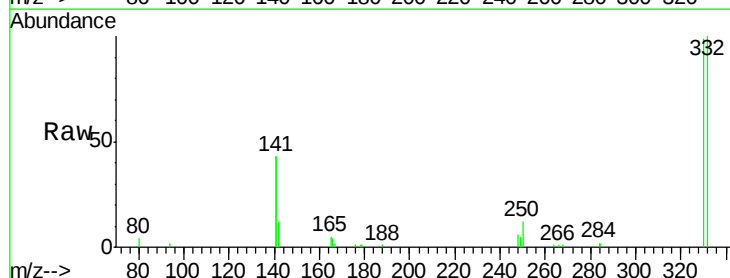
Tgt Ion:330 Resp: 14293

Ion Ratio Lower Upper

330 100

332 97.1 75.8 113.6

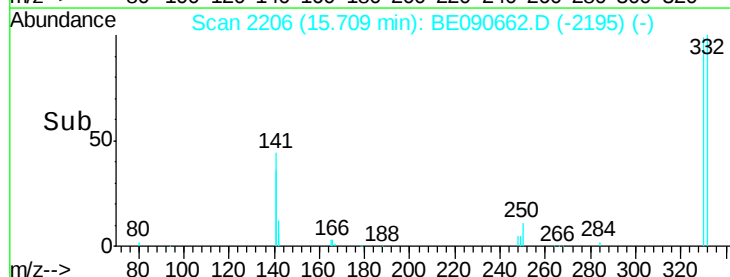
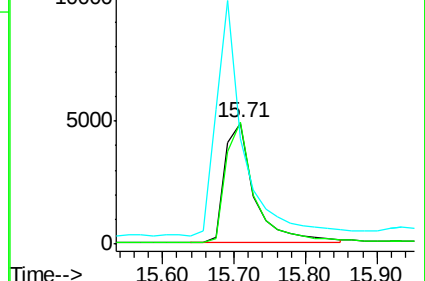
141 178.1 114.4 171.6#

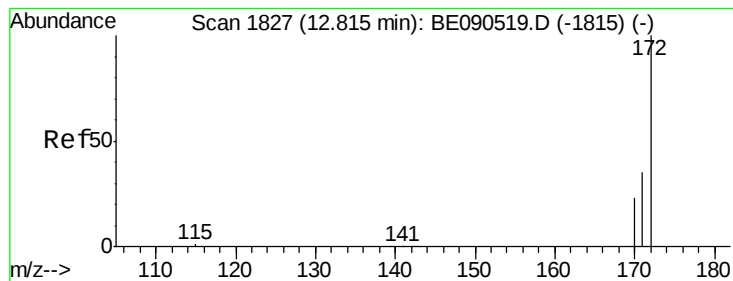


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#14

2-Fluorobiphenyl

Concen: 3.23 ng

RT: 12.83 min Scan# 1831

Delta R.T. 0.02 min

Lab File: BE090662.D

Acq: 28 Aug 2015 18:55

Instrument :

BNA_E

ClientSampleId :

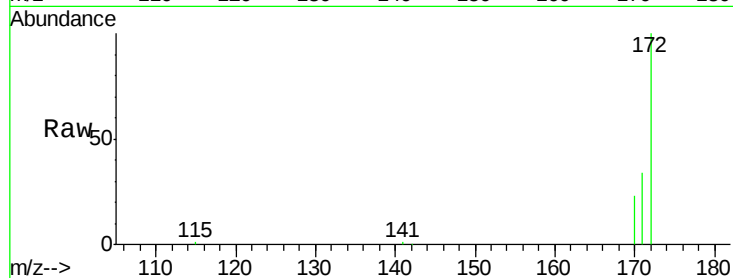
Tot Ion:172 Resp: 48585

Ion Ratio Lower Upper

172 100

171 34.1 28.5 42.7

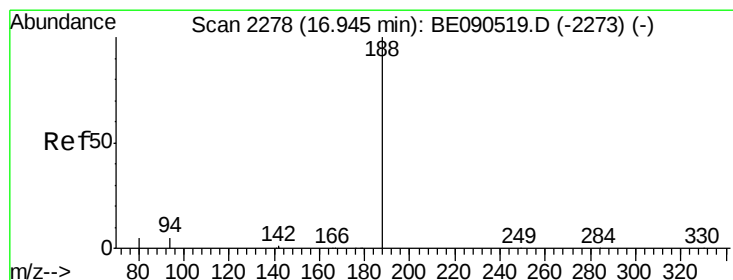
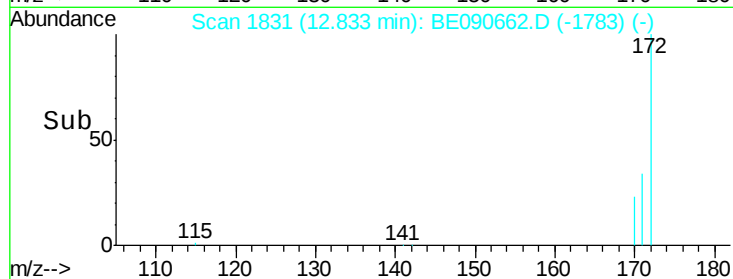
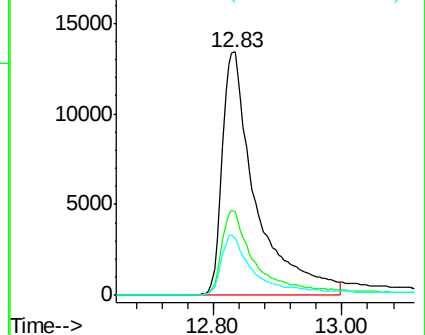
170 23.4 19.8 29.8



Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#18

Phenanthrene-d10

Concen: 5.00 ng

RT: 16.94 min Scan# 2277

Delta R.T. -0.00 min

Lab File: BE090662.D

Acq: 28 Aug 2015 18:55

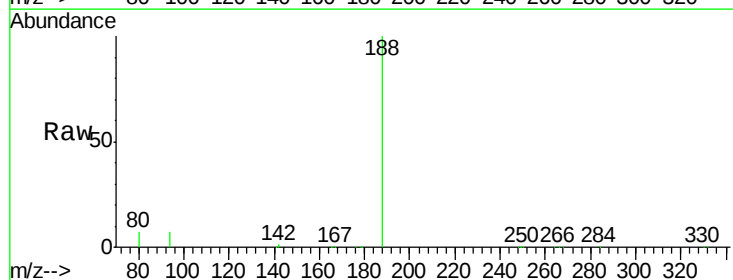
Tgt Ion:188 Resp: 136189

Ion Ratio Lower Upper

188 100

94 6.5 5.7 8.5

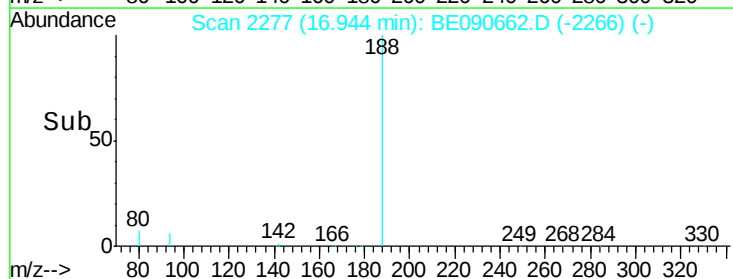
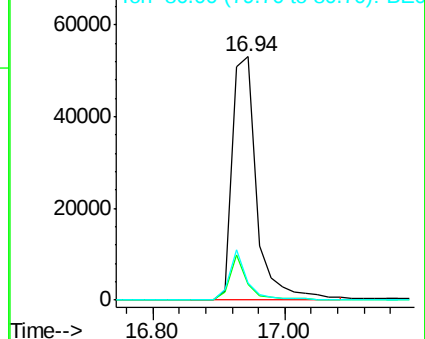
80 7.0 5.8 8.8

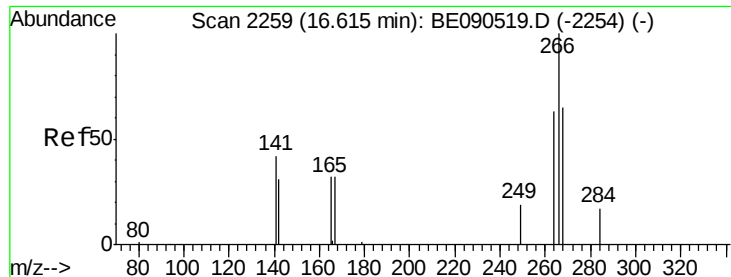


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE0

Ion 80.00 (79.70 to 80.70): BE0

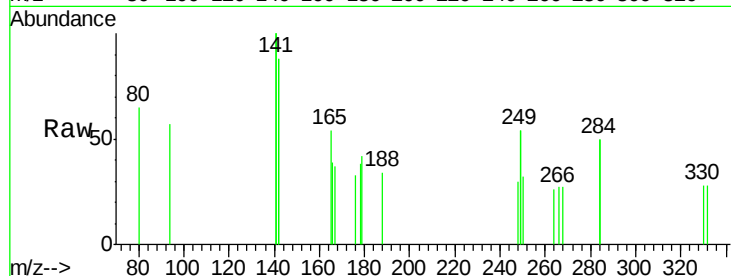




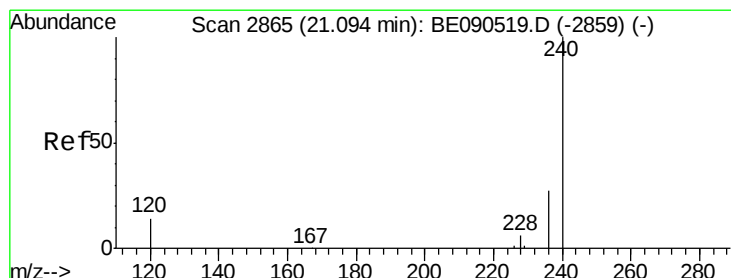
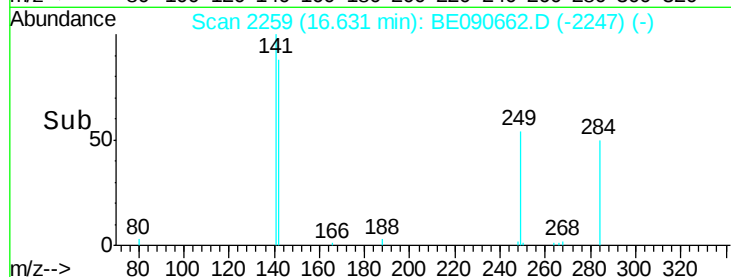
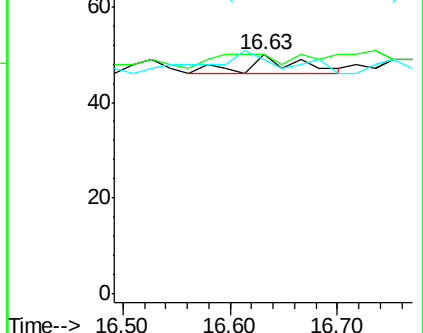
#21
 Pentachlorophenol
 Concen: 0.31 ng
 RT: 16.63 min Scan# 2259
 Delta R.T. 0.02 min
 Lab File: BE090662.D
 Acq: 28 Aug 2015 18:55

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion:266 Resp: 14
 Ion Ratio Lower Upper
 266 100
 268 100.0 58.5 87.7#
 264 98.0 56.0 84.0#

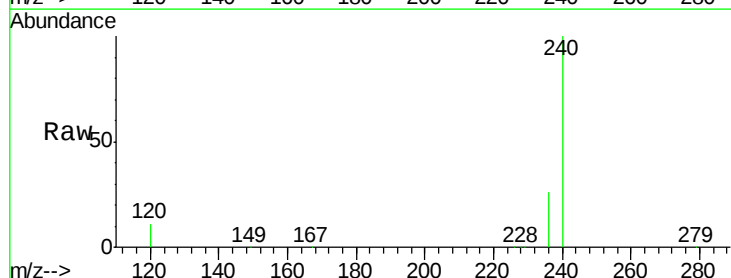


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

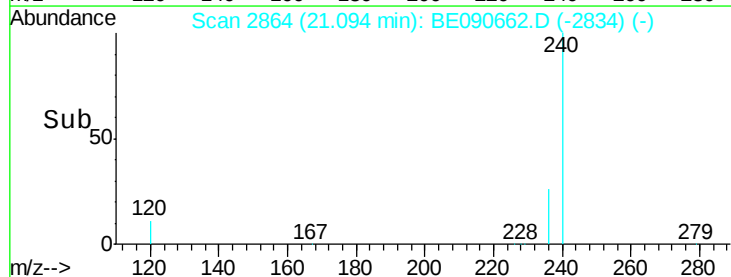
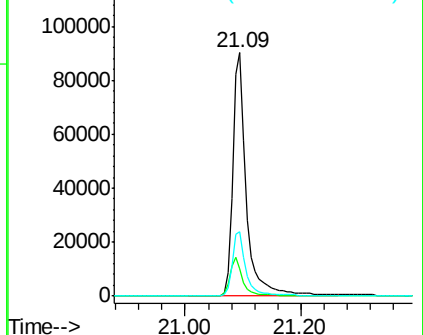


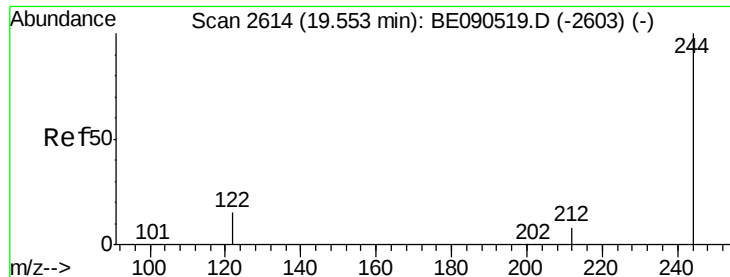
#25
 Chrysene-d12
 Concen: 5.00 ng
 RT: 21.09 min Scan# 2864
 Delta R.T. 0.00 min
 Lab File: BE090662.D
 Acq: 28 Aug 2015 18:55

Tgt Ion:240 Resp: 148106
 Ion Ratio Lower Upper
 240 100
 120 11.4 8.3 12.5
 236 26.4 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

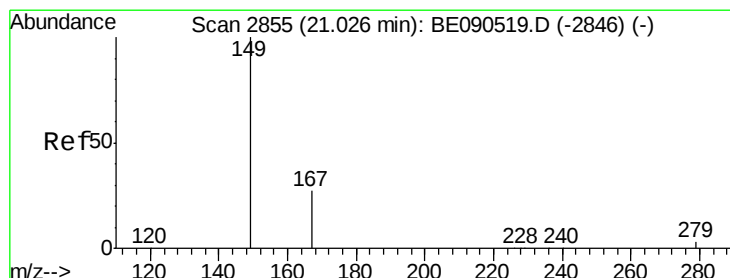
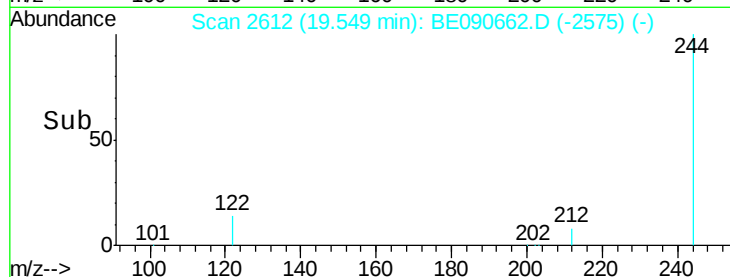
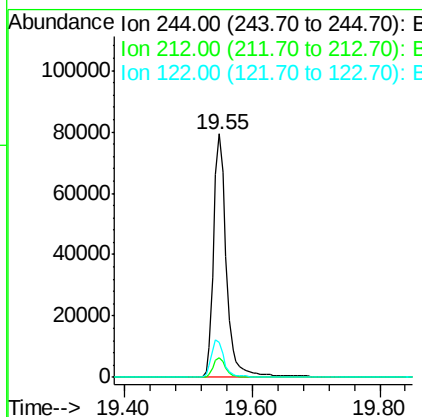
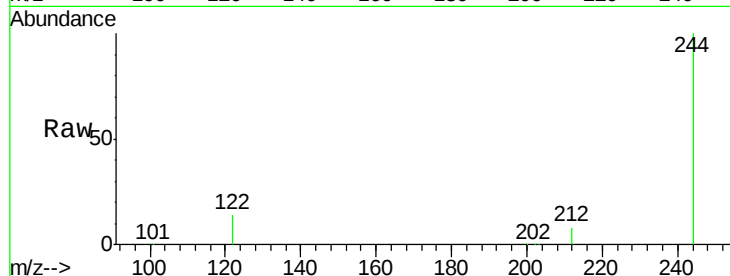




#27
 Terphenyl-d14
 Concen: 4.12 ng
 RT: 19.55 min Scan# 2612
 Delta R.T. -0.00 min
 Lab File: BE090662.D
 Acq: 28 Aug 2015 18:55

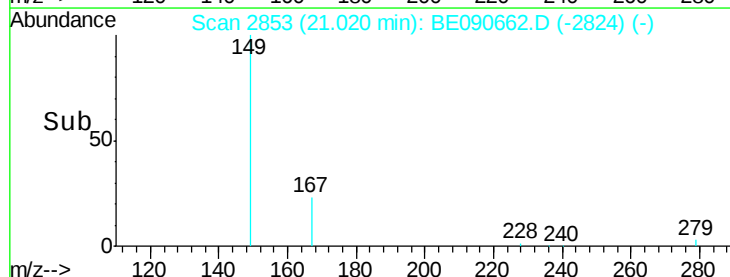
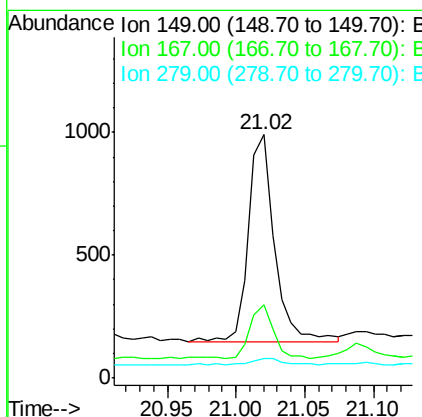
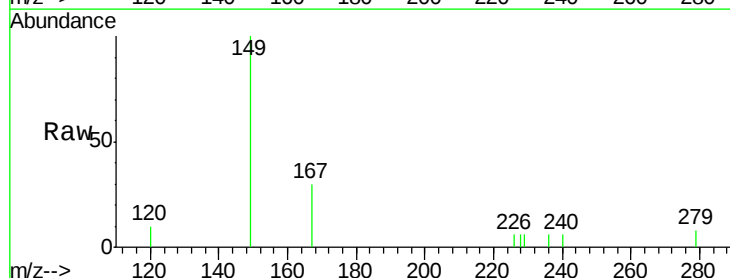
Instrument :
 BNA_E
 ClientSampled :

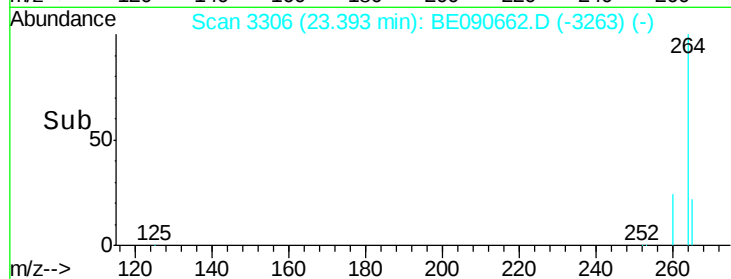
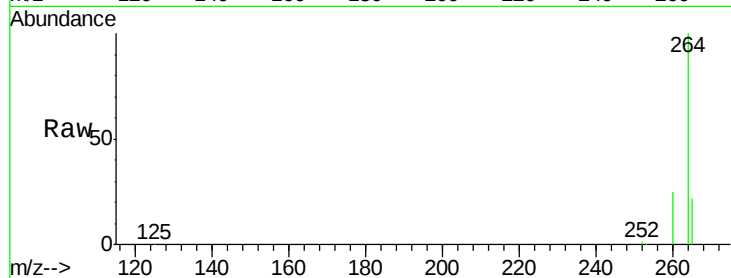
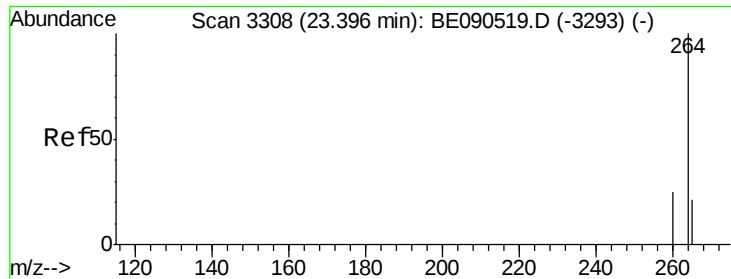
Tot Ion:244 Resp: 111668
 Ion Ratio Lower Upper
 244 100
 212 8.2 6.6 9.8
 122 14.5 10.2 15.4



#30
 Bis(2-ethylhexyl)phthalate
 Concen: 0.19 ng
 RT: 21.02 min Scan# 2853
 Delta R.T. -0.01 min
 Lab File: BE090662.D
 Acq: 28 Aug 2015 18:55

Tgt Ion:149 Resp: 1124
 Ion Ratio Lower Upper
 149 100
 167 23.0 19.8 29.8
 279 4.4 2.4 3.6#





#32
 Pervlene-d12
 Concen: 5.00 ng
 RT: 23.39 min Scan# 3306
 Delta R.T. -0.00 min
 Lab File: BE090662.D
 Acq: 28 Aug 2015 18:55

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion:	264	Resp:	123986
Ion	Ratio	Lower	Upper
264	100		
260	24.5	20.1	30.1
265	22.0	17.2	25.8

