

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE082715\
 Data File : BE090649.D
 Acq On : 27 Aug 2015 14:22
 Operator : UM/IZ
 Sample : G3415-02
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 082515-D534-E-U-M

Quant Time: Aug 27 23:03:34 2015
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE081415.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 27 23:02:45 2015
 Response via : Initial Calibration

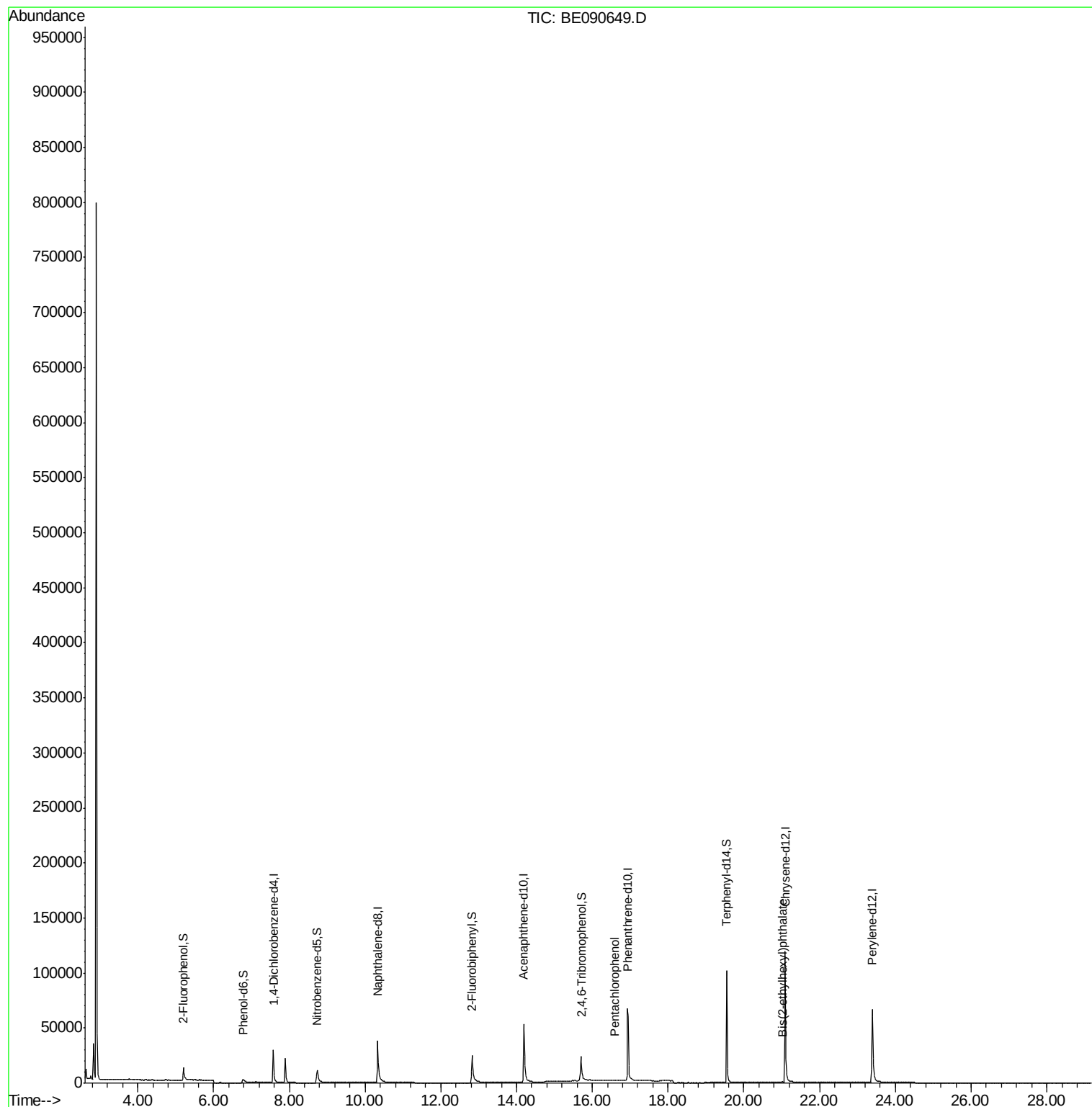
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.58	152	18058	5.00	ng	0.00
6) Naphthalene-d8	10.33	136	79622	5.00	ng	0.00
12) Acenaphthene-d10	14.19	164	46189	5.00	ng	0.00
18) Phenanthrene-d10	16.94	188	126274	5.00	ng	0.00
25) Chrysene-d12	21.09	240	139353	5.00	ng	0.00
32) Perylene-d12	23.40	264	115684	5.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.21	112	12483	2.39	ng	0.00
5) Phenol-d6	6.77	99	9293	1.21	ng	0.00
7) Nitrobenzene-d5	8.73	82	21305	3.36	ng	0.00
13) 2,4,6-Tribromophenol	15.71	330	14868	8.36	ng	0.00
14) 2-Fluorobiphenyl	12.82	172	49357	3.58	ng	0.00
27) Terphenyl-d14	19.55	244	111898	4.39	ng	-0.01
Target Compounds						
2) 1,4-Dioxane	3.28	88	55	Below Cal	#	1
21) Pentachlorophenol	16.60	266	31	0.31 ng	#	68
30) Bis(2-ethylhexyl)phthalate	21.02	149	944	0.18 ng		97

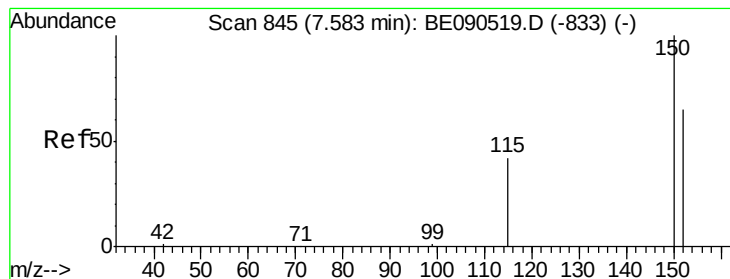
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE081415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 27 23:02:45 2015
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#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 7.58 min Scan# 843

Delta R.T. 0.00 min

Lab File: BE090649.D

Acq: 27 Aug 2015 14:22

Instrument :

BNA_E

ClientSampleId :

082515-D534-E-U-M

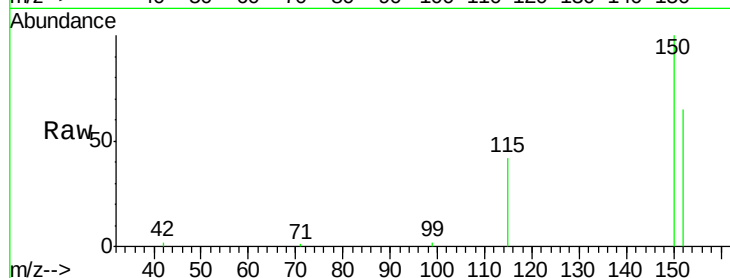
Tgt Ion:152 Resp: 18058

Ion Ratio Lower Upper

152 100

150 154.7 123.0 184.4

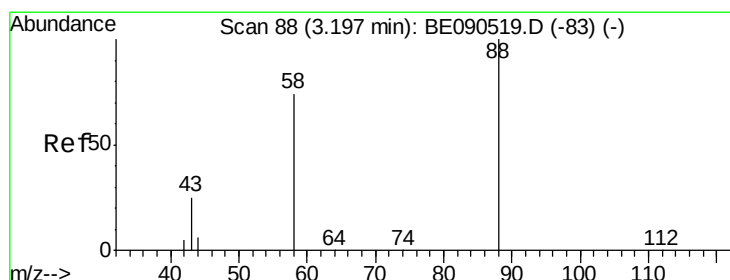
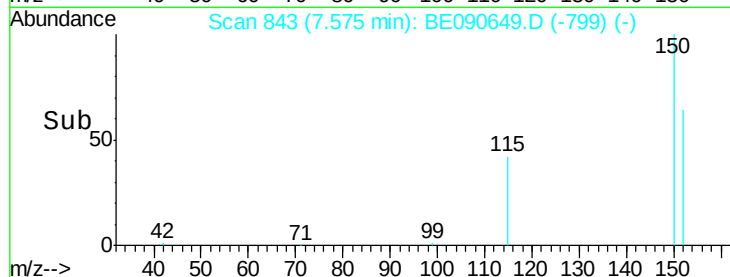
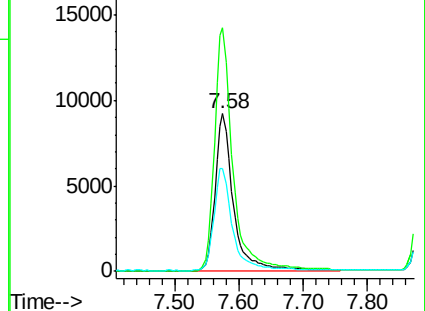
115 65.0 48.9 73.3



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: 3.28 min Scan# 101

Delta R.T. 0.10 min

Lab File: BE090649.D

Acq: 27 Aug 2015 14:22

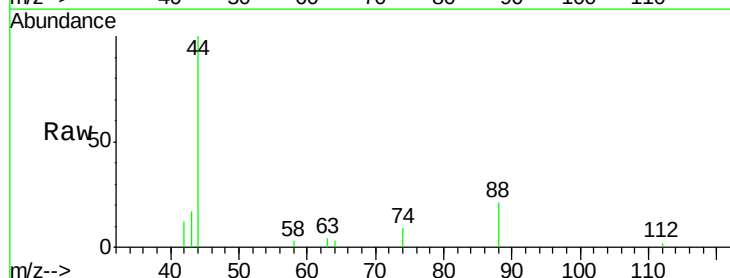
Tgt Ion: 88 Resp: 55

Ion Ratio Lower Upper

88 100

58 21.8 70.0 105.0#

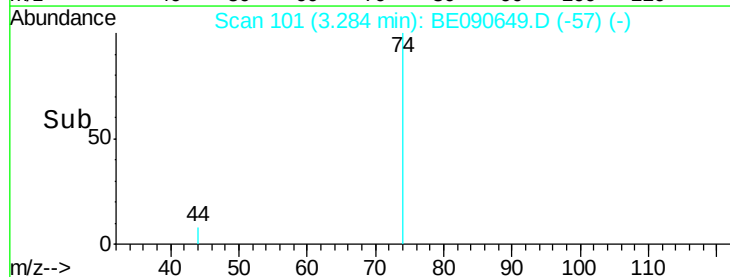
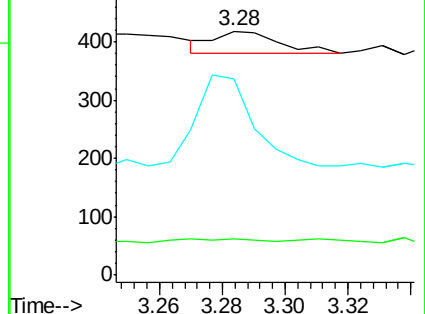
43 354.5 28.4 42.6#

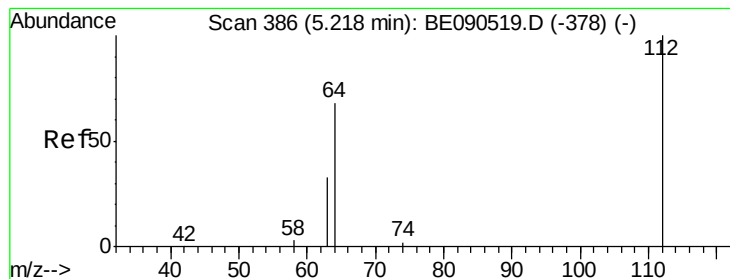


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#4

2-Fluorophenol

Concen: 2.39 ng

RT: 5.21 min Scan# 385

Delta R.T. -0.00 min

Lab File: BE090649.D

Acq: 27 Aug 2015 14:22

Instrument :

BNA_E

ClientSampleId :

082515-D534-E-U-M

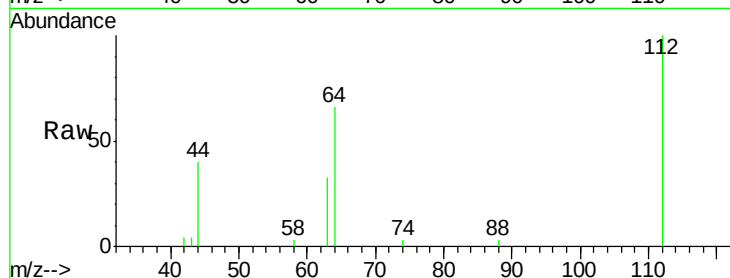
Tgt Ion: 112 Resp: 12483

Ion Ratio Lower Upper

112 100

64 70.7 37.1 55.7#

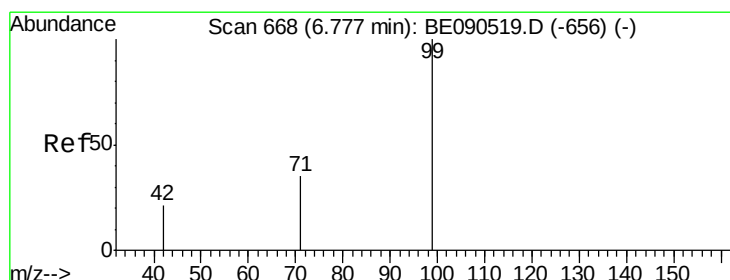
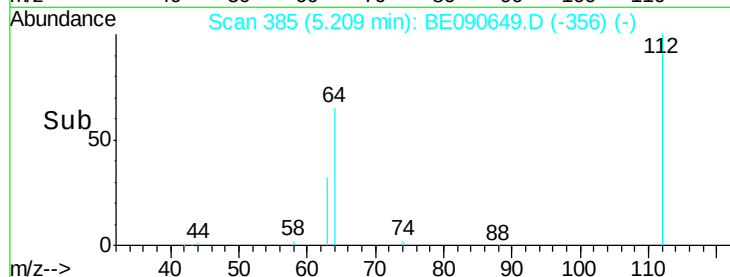
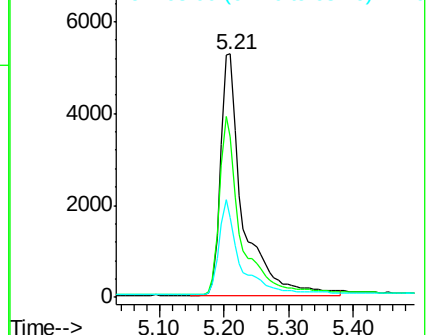
63 37.0 19.5 29.3#



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: 1.21 ng

RT: 6.77 min Scan# 667

Delta R.T. 0.00 min

Lab File: BE090649.D

Acq: 27 Aug 2015 14:22

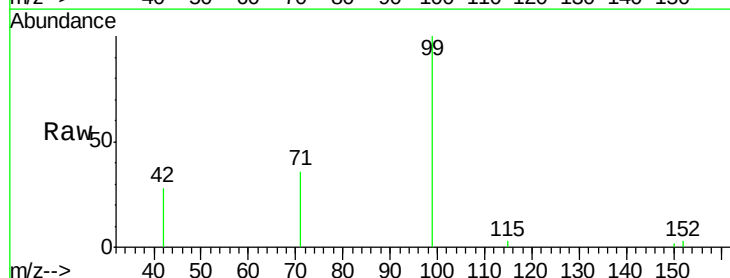
Tgt Ion: 99 Resp: 9293

Ion Ratio Lower Upper

99 100

42 18.8 18.2 27.4

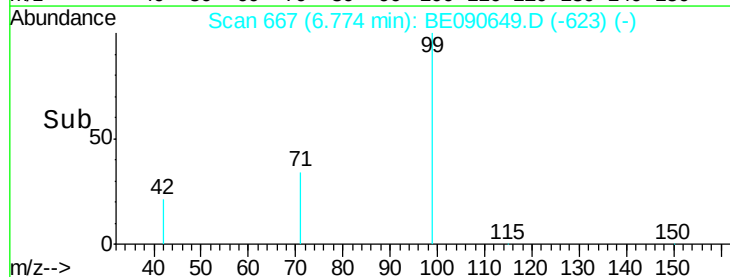
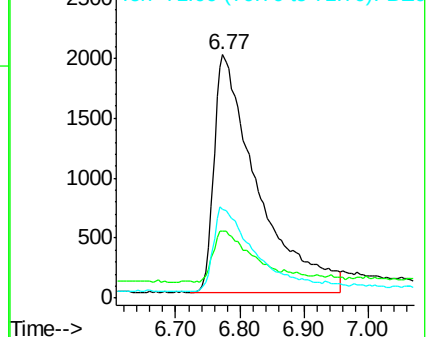
71 34.8 27.4 41.0

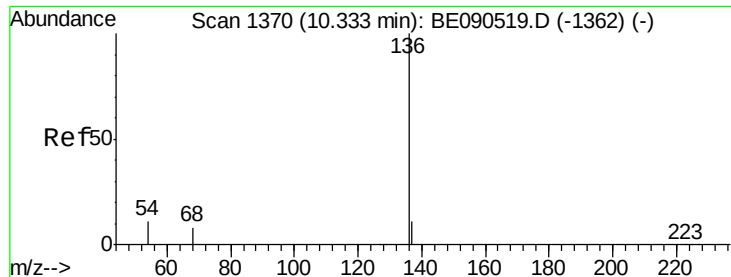


Abundance Ion 99.00 (98.70 to 99.70): BE090519.D (-656) (-)

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: 10.33 min Scan# 1370

Delta R.T. -0.00 min

Lab File: BE090649.D

Acq: 27 Aug 2015 14:22

Instrument :

BNA_E

ClientSampleId :

082515-D534-E-U-M

Tgt Ion:136 Resp: 79622

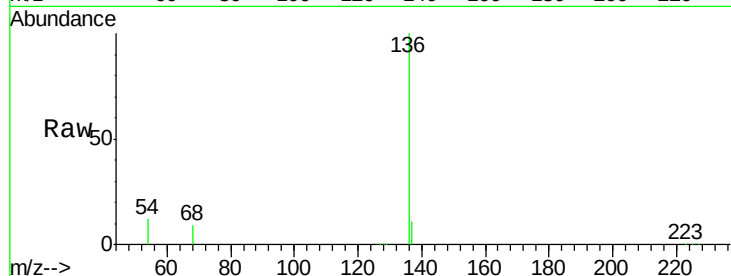
Ion Ratio Lower Upper

136 100

137 11.0 8.7 13.1

54 12.2 9.4 14.0

68 8.7 6.5 9.7

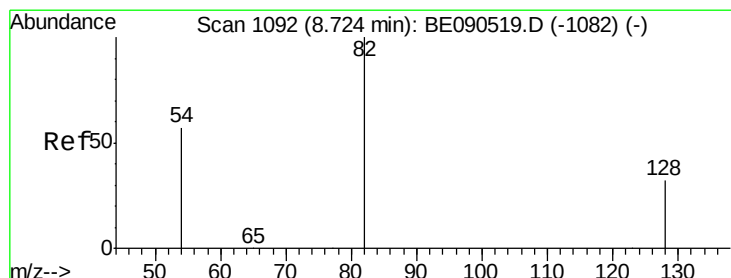
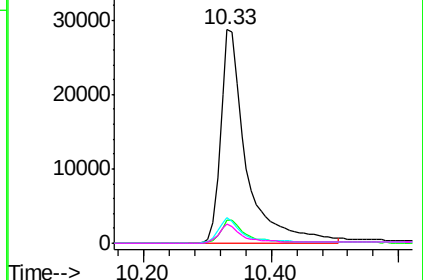
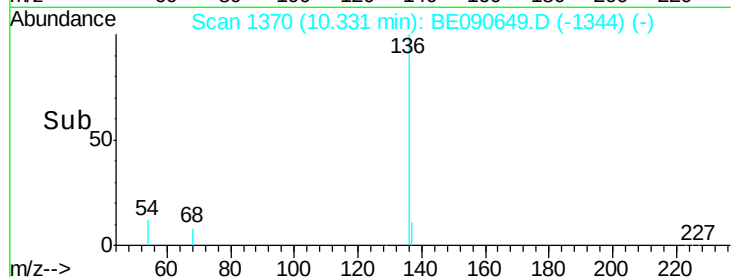


Abundance Ion 136.00 (135.70 to 136.70): E

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: 3.36 ng

RT: 8.73 min Scan# 1094

Delta R.T. 0.01 min

Lab File: BE090649.D

Acq: 27 Aug 2015 14:22

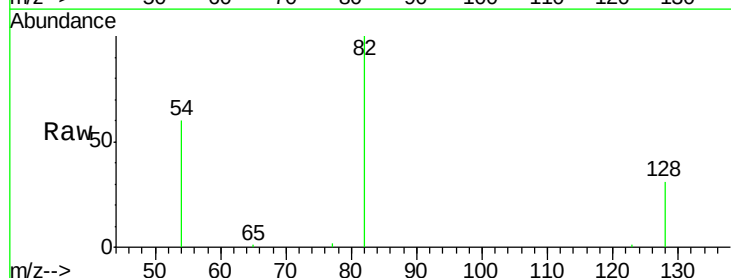
Tgt Ion: 82 Resp: 21305

Ion Ratio Lower Upper

82 100

128 30.5 25.0 37.6

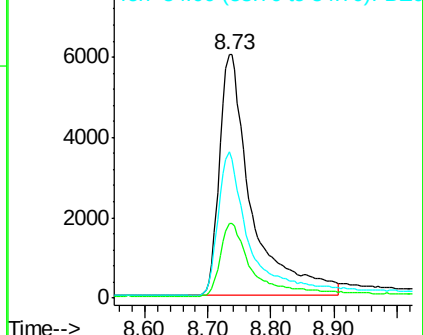
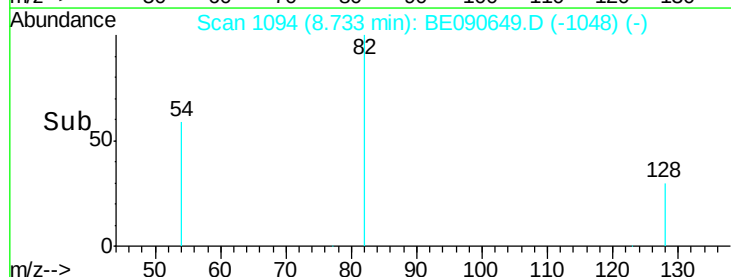
54 59.9 48.8 73.2

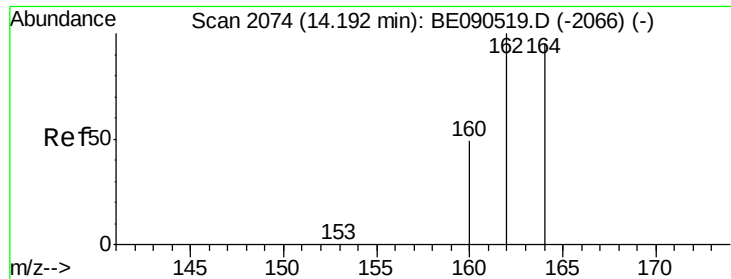


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#12

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.19 min Scan# 2074

Delta R.T. -0.00 min

Lab File: BE090649.D

Acq: 27 Aug 2015 14:22

Instrument :

BNA_E

ClientSampleId :

082515-D534-E-U-M

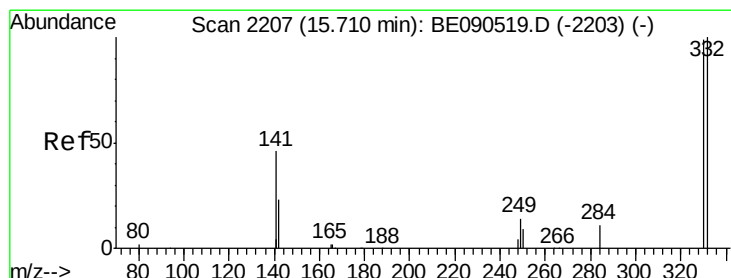
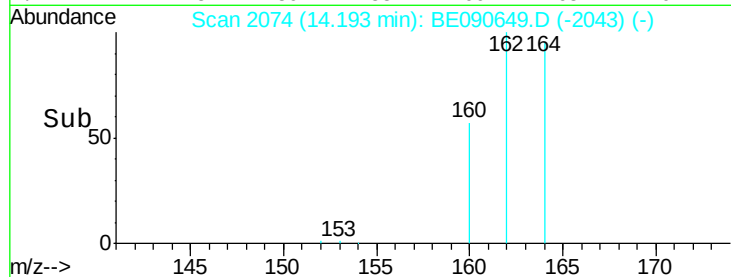
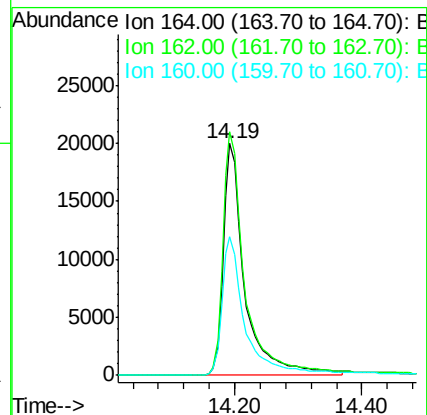
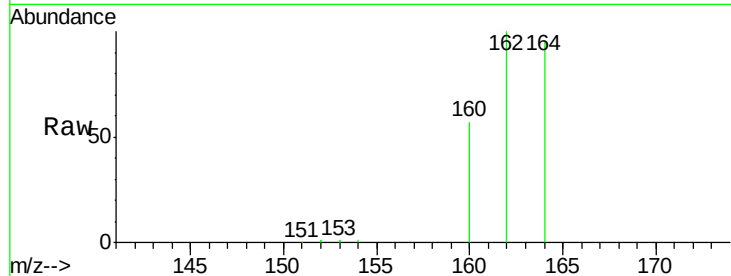
Tgt Ion:164 Resp: 46189

Ion Ratio Lower Upper

164 100

162 105.1 81.8 122.8

160 60.0 44.2 66.4



#13

2,4,6-Tribromophenol

Concen: 8.36 ng

RT: 15.71 min Scan# 2206

Delta R.T. -0.00 min

Lab File: BE090649.D

Acq: 27 Aug 2015 14:22

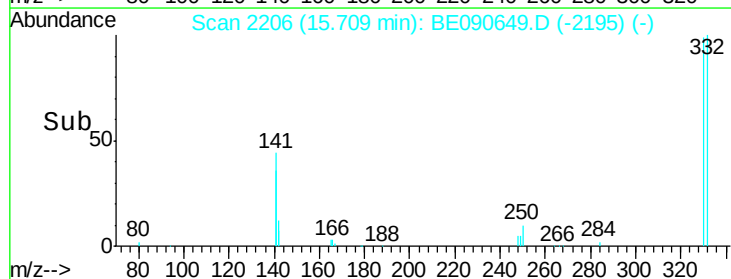
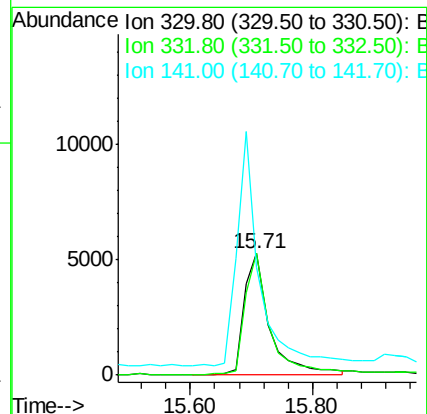
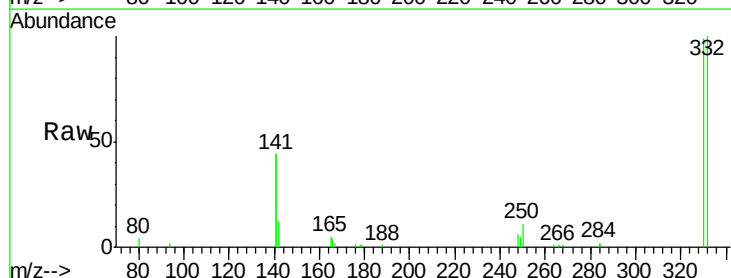
Tgt Ion:330 Resp: 14868

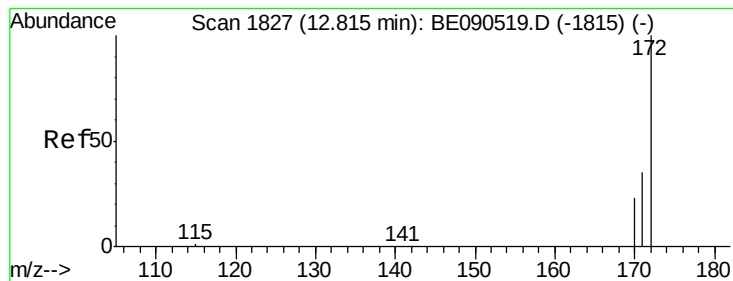
Ion Ratio Lower Upper

330 100

332 97.0 75.8 113.6

141 178.0 114.4 171.6#





#14

2-Fluorobiphenyl

Concen: 3.58 ng

RT: 12.82 min Scan# 1828

Delta R.T. 0.00 min

Lab File: BE090649.D

Acq: 27 Aug 2015 14:22

Instrument :

BNA_E

ClientSampleId :

082515-D534-E-U-M

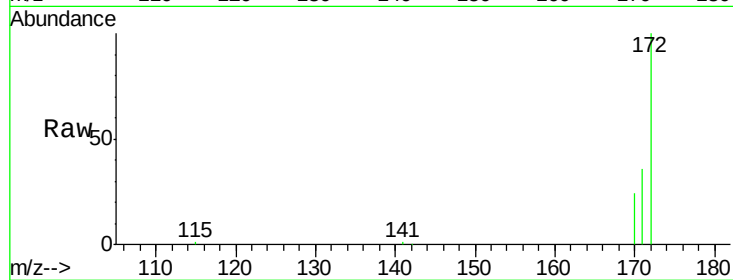
Tgt Ion:172 Resp: 49357

Ion Ratio Lower Upper

172 100

171 35.5 28.5 42.7

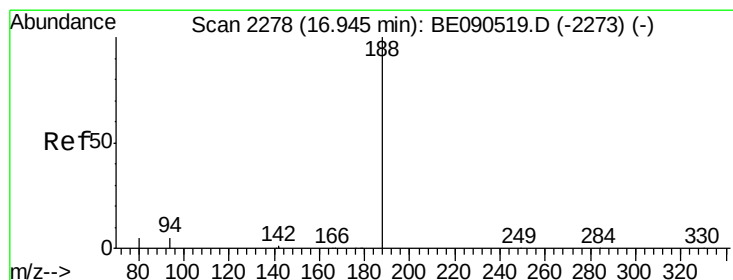
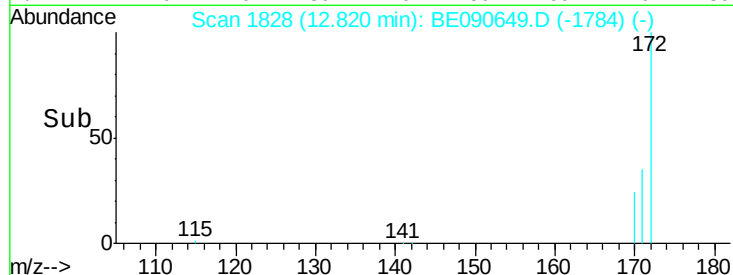
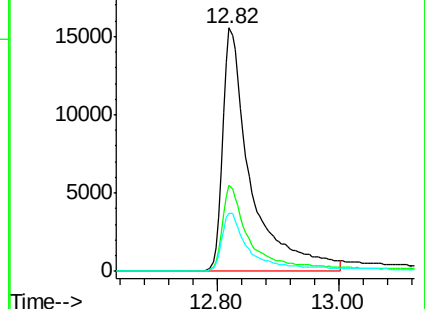
170 24.0 19.8 29.8



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: BE090649.D

Acq: 27 Aug 2015 14:22

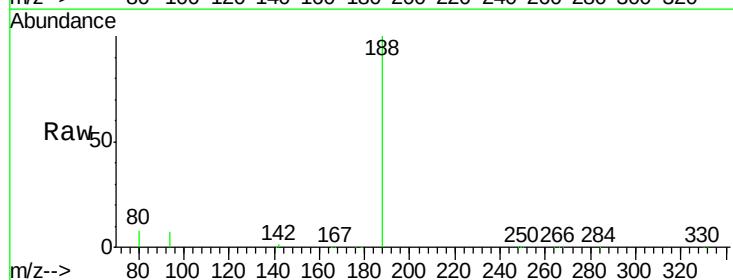
Tgt Ion:188 Resp: 126274

Ion Ratio Lower Upper

188 100

94 7.1 5.7 8.5

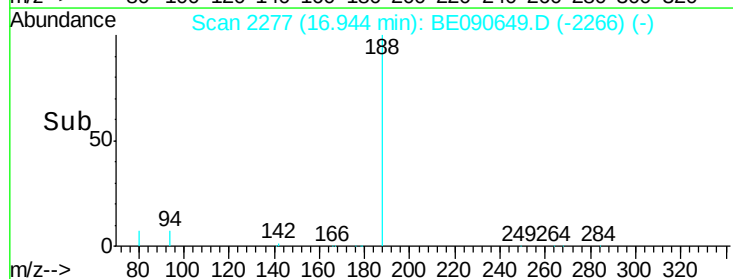
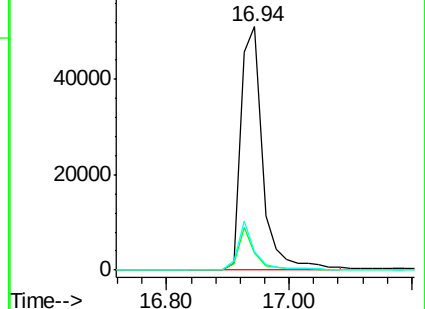
80 7.5 5.8 8.8

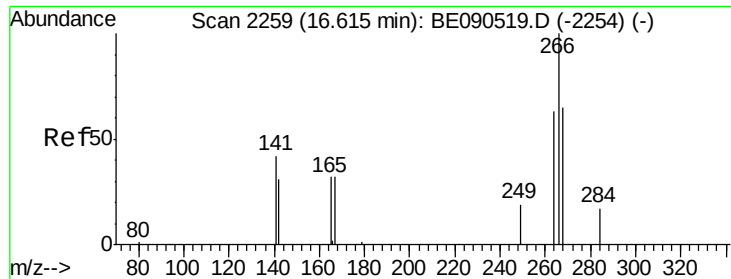


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE0

Ion 80.00 (79.70 to 80.70): BE0

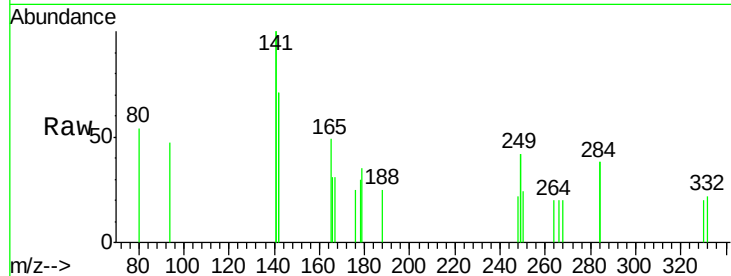




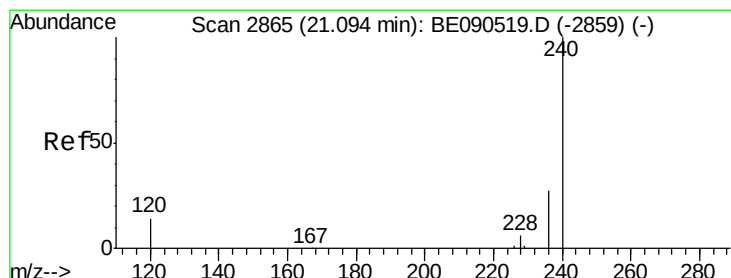
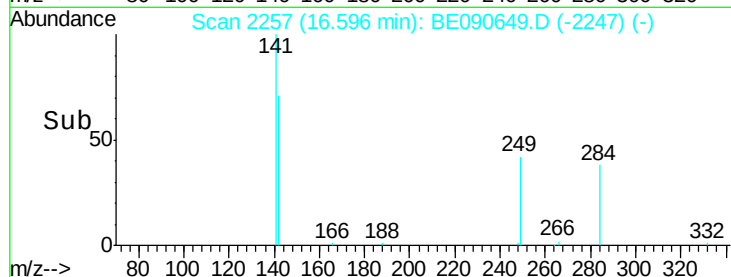
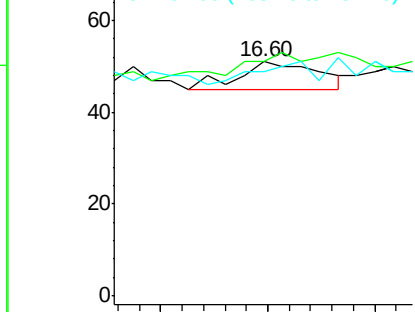
#21
 Pentachlorophenol
 Concen: 0.31 ng
 RT: 16.60 min Scan# 2257
 Delta R.T. -0.02 min
 Lab File: BE090649.D
 Acq: 27 Aug 2015 14:22

Instrument :
 BNA_E
 ClientSampleId :
 082515-D534-E-U-M

Tgt Ion:266 Resp: 31
 Ion Ratio Lower Upper
 266 100
 268 100.0 58.5 87.7#
 264 96.1 56.0 84.0#

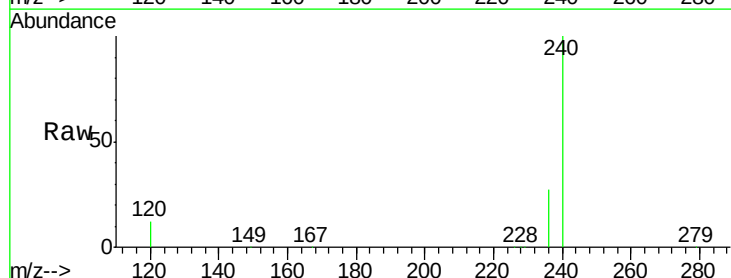


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

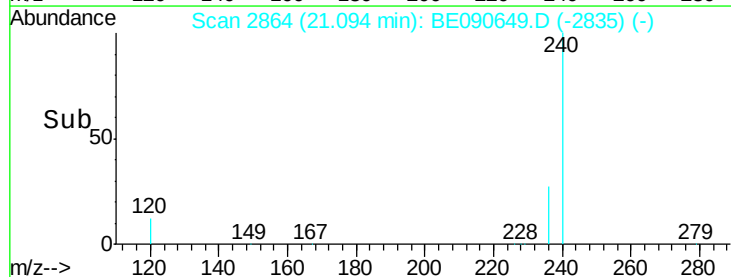
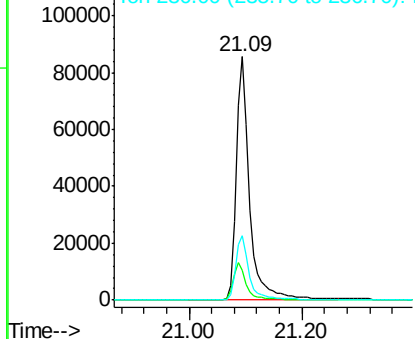


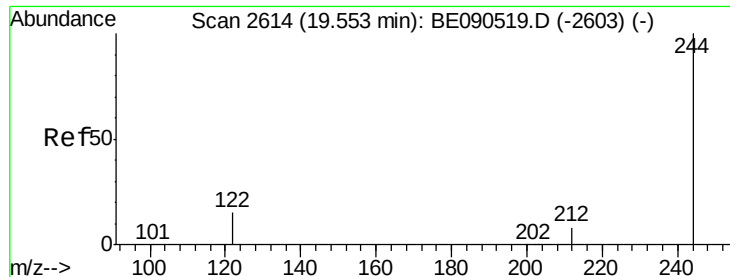
#25
 Chrysene-d12
 Concen: 5.00 ng
 RT: 21.09 min Scan# 2864
 Delta R.T. -0.00 min
 Lab File: BE090649.D
 Acq: 27 Aug 2015 14:22

Tgt Ion:240 Resp: 139353
 Ion Ratio Lower Upper
 240 100
 120 12.2 8.3 12.5
 236 26.6 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

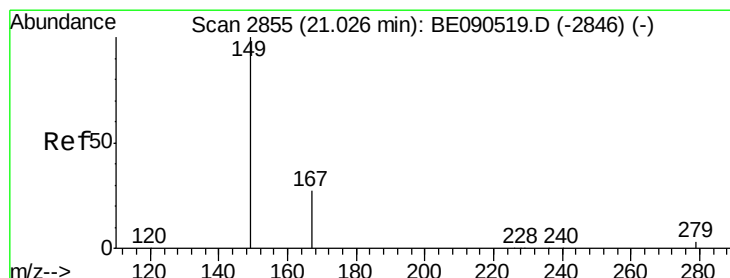
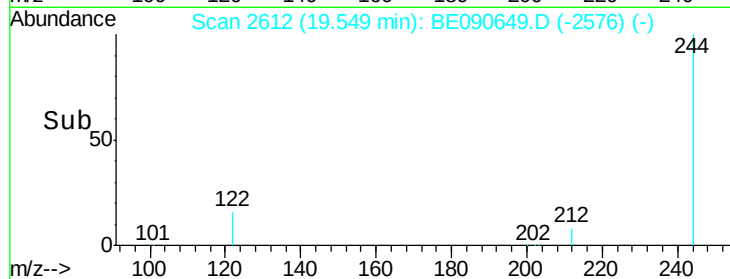
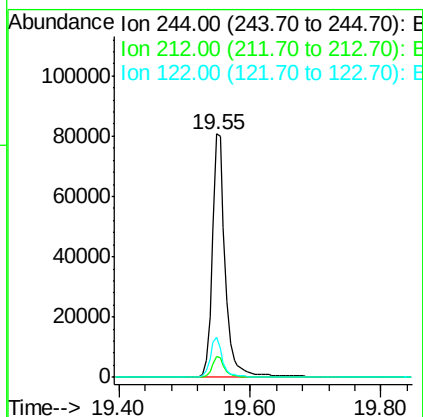
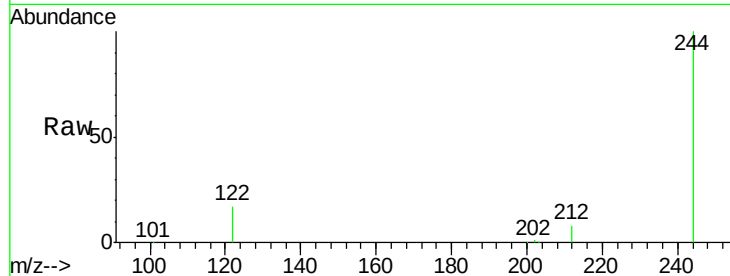




#27
 Terphenyl-d14
 Concen: 4.39 ng
 RT: 19.55 min Scan# 2612
 Delta R.T. -0.01 min
 Lab File: BE090649.D
 Acq: 27 Aug 2015 14:22

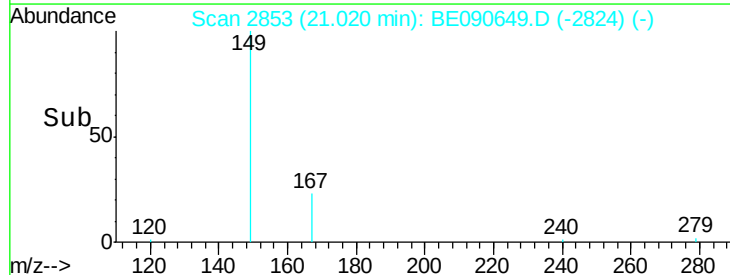
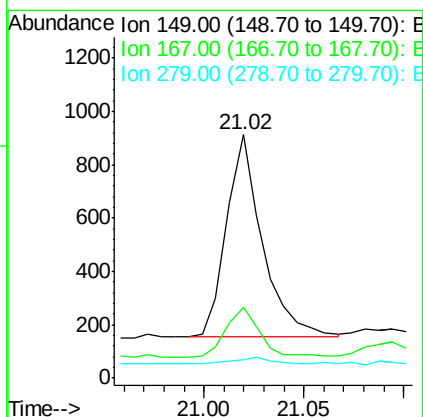
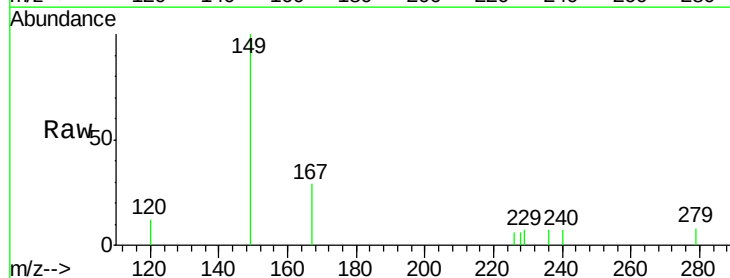
Instrument :
 BNA_E
 ClientSampleId :
 082515-D534-E-U-M

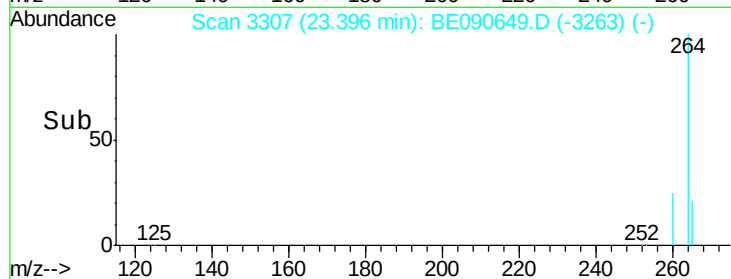
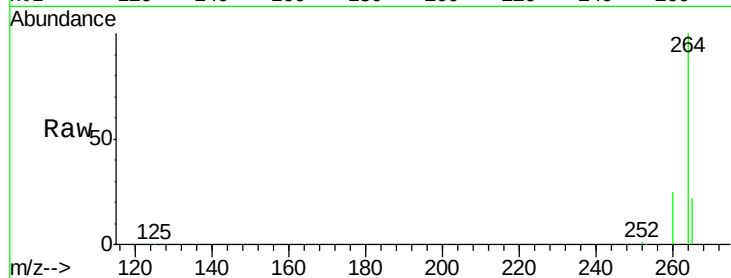
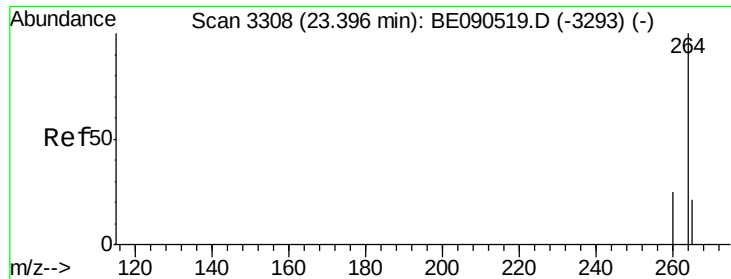
Tgt Ion:244 Resp: 111898
 Ion Ratio Lower Upper
 244 100
 212 8.5 6.6 9.8
 122 16.5 10.2 15.4#



#30
 Bis(2-ethylhexyl)phthalate
 Concen: 0.18 ng
 RT: 21.02 min Scan# 2853
 Delta R.T. -0.00 min
 Lab File: BE090649.D
 Acq: 27 Aug 2015 14:22

Tgt Ion:149 Resp: 944
 Ion Ratio Lower Upper
 149 100
 167 23.2 19.8 29.8
 279 3.0 2.4 3.6





#32

Perylene-d12

Concen: 5.00 ng

RT: 23.40 min Scan# 3307

Delta R.T. -0.00 min

Lab File: BE090649.D

Acq: 27 Aug 2015 14:22

Instrument :

BNA_E

ClientSampleId :

082515-D534-E-U-M

Tgt Ion:264 Resp: 115684

Ion Ratio Lower Upper

264 100

260 25.0 20.1 30.1

265 21.5 17.2 25.8

