

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE082715\
 Data File : BE090650.D
 Acq On : 27 Aug 2015 14:58
 Operator : UM/IZ
 Sample : G3415-03
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

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

Quant Time: Aug 27 23:03:52 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

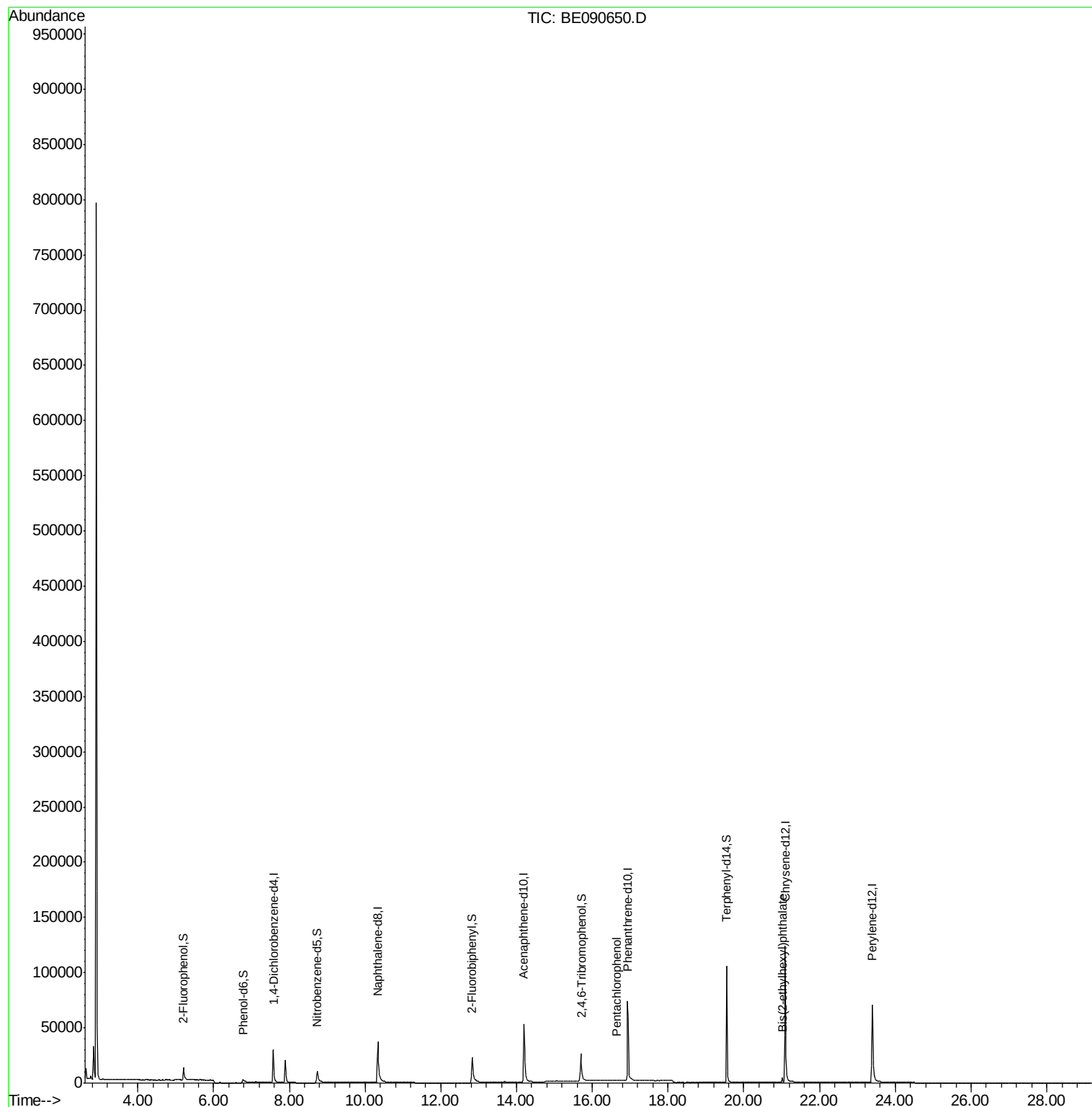
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.58	152	18408	5.00	ng	0.00
6) Naphthalene-d8	10.34	136	80366	5.00	ng	0.00
12) Acenaphthene-d10	14.20	164	47642	5.00	ng	0.00
18) Phenanthrene-d10	16.94	188	130268	5.00	ng	0.00
25) Chrysene-d12	21.09	240	144390	5.00	ng	0.00
32) Perylene-d12	23.39	264	122583	5.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.21	112	12237	2.30	ng	0.00
5) Phenol-d6	6.78	99	8630	1.10	ng	0.00
7) Nitrobenzene-d5	8.74	82	19258	3.01	ng	0.01
13) 2,4,6-Tribromophenol	15.71	330	14836	8.09	ng	0.00
14) 2-Fluorobiphenyl	12.83	172	47425	3.33	ng	0.00
27) Terphenyl-d14	19.55	244	116406	4.41	ng	-0.01
Target Compounds						
2) 1,4-Dioxane	3.32	88	17	Below Cal	#	15
21) Pentachlorophenol	16.63	266	21	0.31 ng	#	69
30) Bis(2-ethylhexyl)phthalate	21.02	149	4107	0.32 ng		99

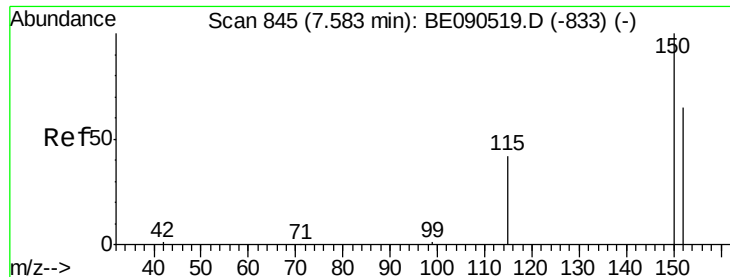
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 7.58 min Scan# 844

Delta R.T. 0.00 min

Lab File: BE090650.D

Acq: 27 Aug 2015 14:58

Instrument :

BNA_E

ClientSampleId :

082515-D534-E-U-S

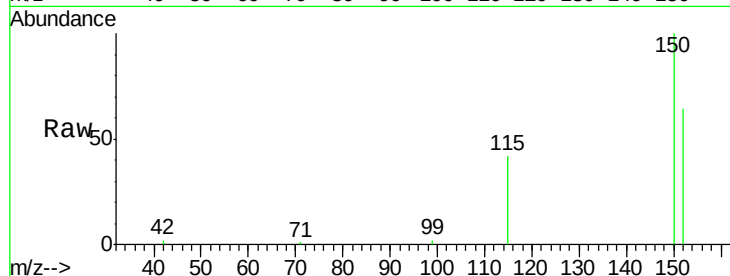
Tgt Ion:152 Resp: 18408

Ion Ratio Lower Upper

152 100

150 155.8 123.0 184.4

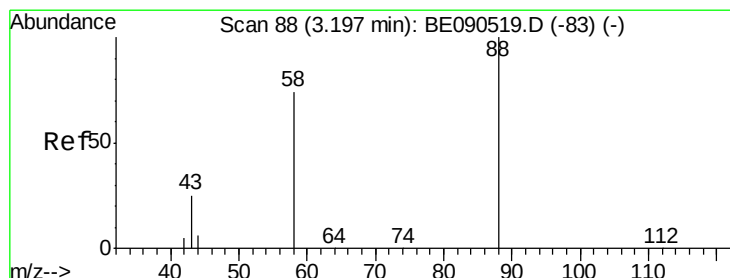
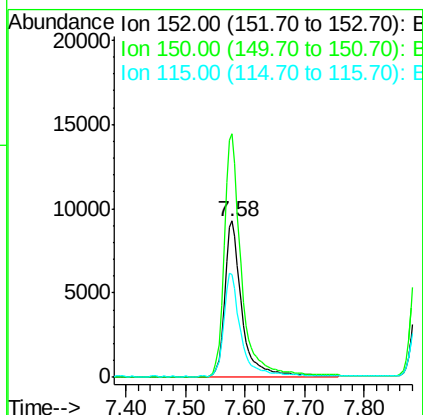
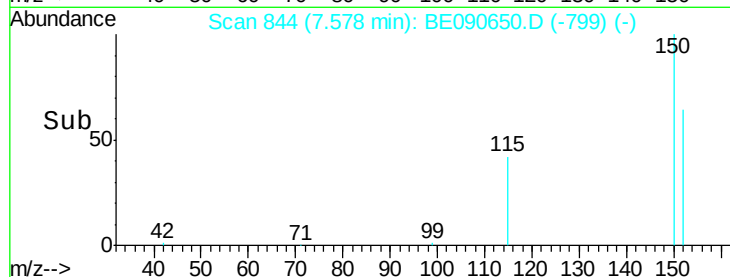
115 66.2 48.9 73.3



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: 3.32 min Scan# 106

Delta R.T. 0.14 min

Lab File: BE090650.D

Acq: 27 Aug 2015 14:58

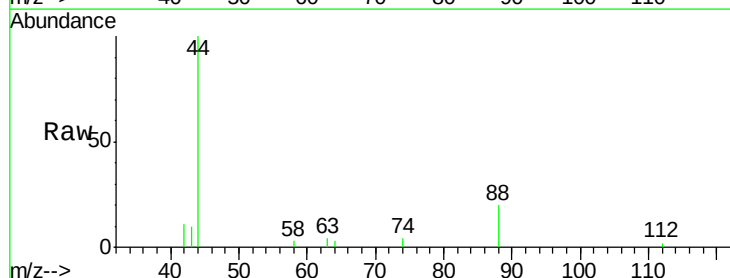
Tgt Ion: 88 Resp: 17

Ion Ratio Lower Upper

88 100

58 0.0 70.0 105.0#

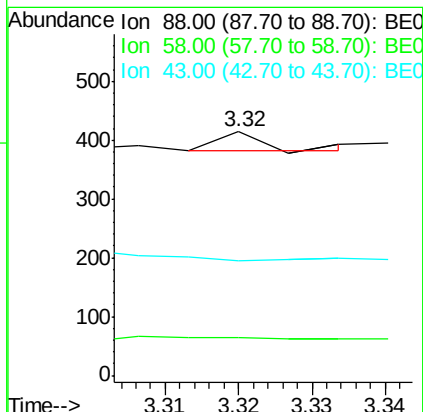
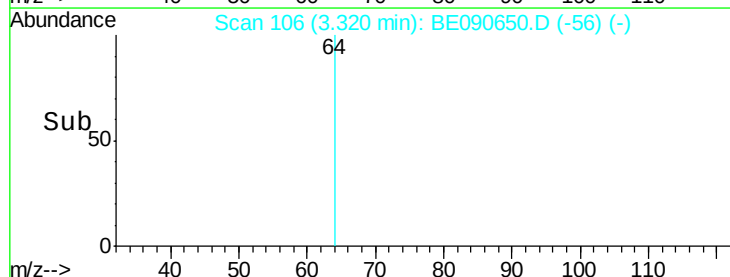
43 0.0 28.4 42.6#

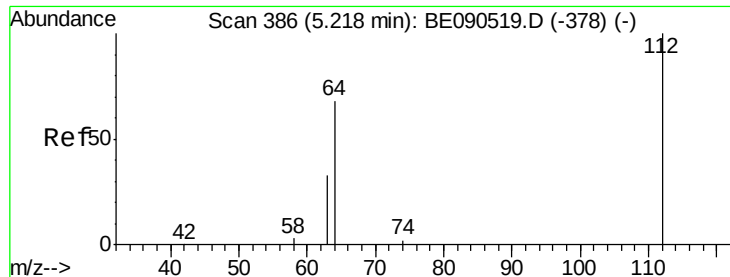


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#4

2-Fluorophenol

Concen: 2.30 ng

RT: 5.21 min Scan# 385

Delta R.T. 0.00 min

Lab File: BE090650.D

Acq: 27 Aug 2015 14:58

Instrument :

BNA_E

ClientSampleId :

082515-D534-E-U-S

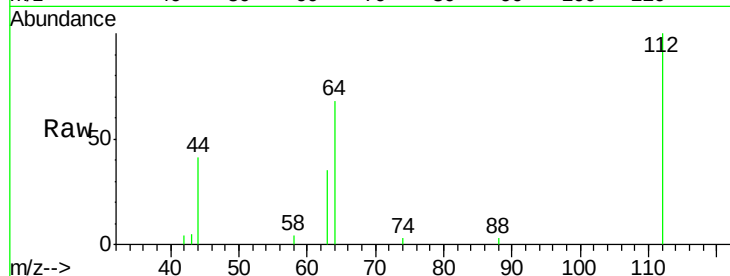
Tgt Ion: 112 Resp: 12237

Ion Ratio Lower Upper

112 100

64 70.7 37.1 55.7#

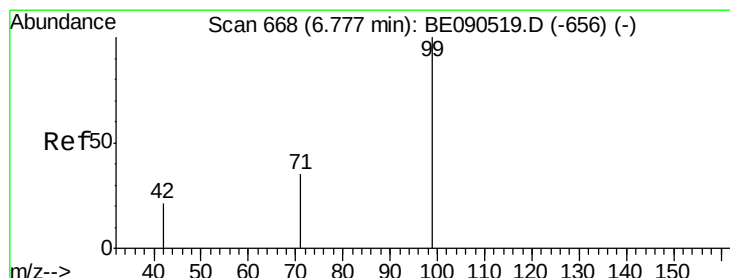
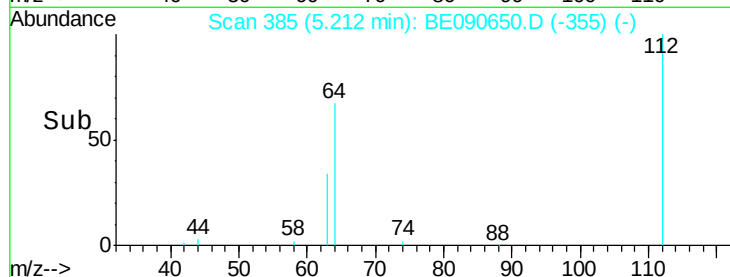
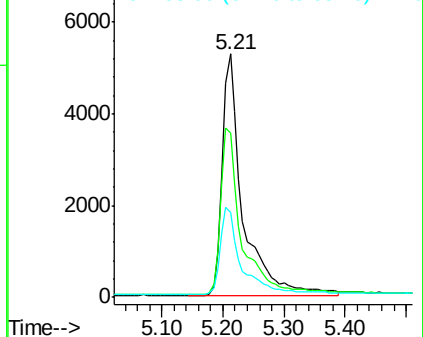
63 36.8 19.5 29.3#



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: 1.10 ng

RT: 6.78 min Scan# 668

Delta R.T. 0.00 min

Lab File: BE090650.D

Acq: 27 Aug 2015 14:58

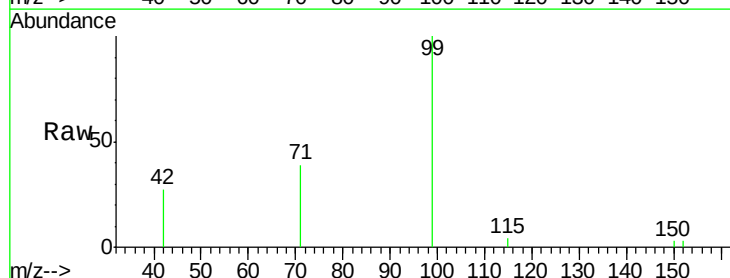
Tgt Ion: 99 Resp: 8630

Ion Ratio Lower Upper

99 100

42 20.2 18.2 27.4

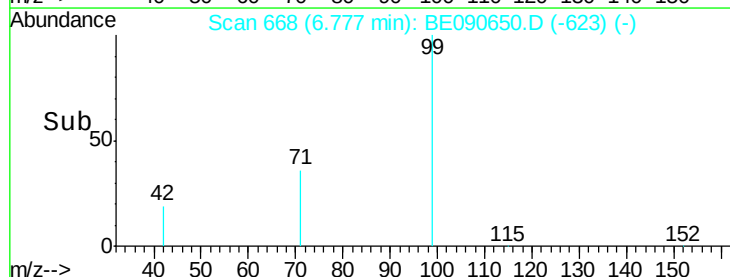
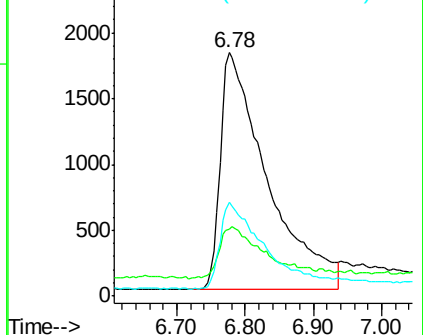
71 36.7 27.4 41.0

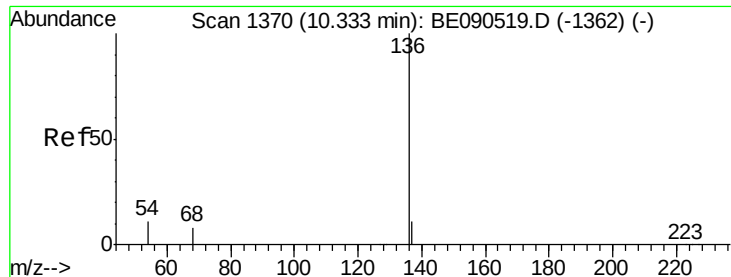


Abundance Ion 99.00 (98.70 to 99.70): BE090519.D (-656) (-)

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: BE090650.D

Acq: 27 Aug 2015 14:58

Instrument :

BNA_E

ClientSampleId :

082515-D534-E-U-S

Tgt Ion: 136 Resp: 80366

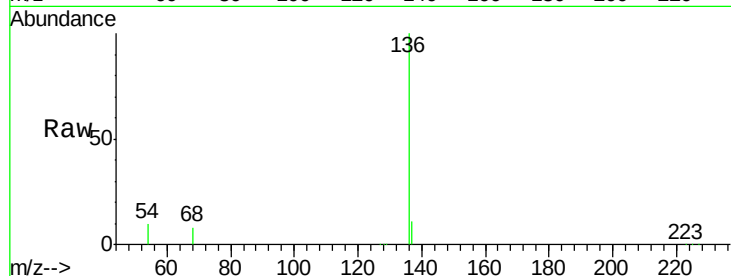
Ion Ratio Lower Upper

136 100

137 11.0 8.7 13.1

54 10.5 9.4 14.0

68 8.1 6.5 9.7

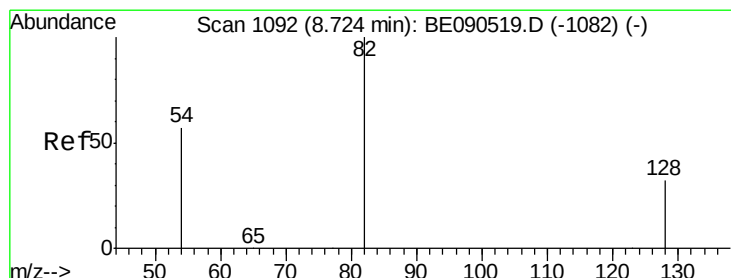
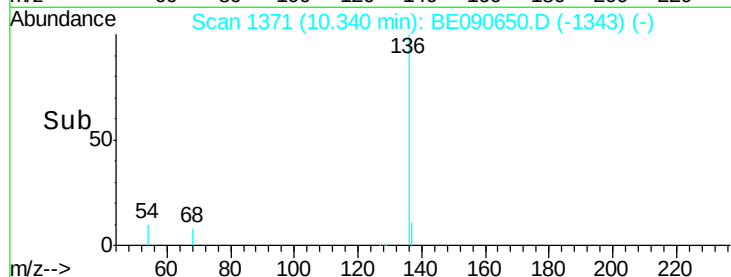
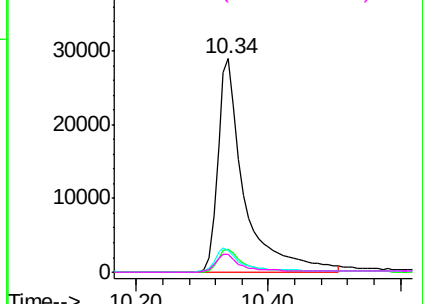


Abundance Ion 136.00 (135.70 to 136.70): E

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: 3.01 ng

RT: 8.74 min Scan# 1095

Delta R.T. 0.01 min

Lab File: BE090650.D

Acq: 27 Aug 2015 14:58

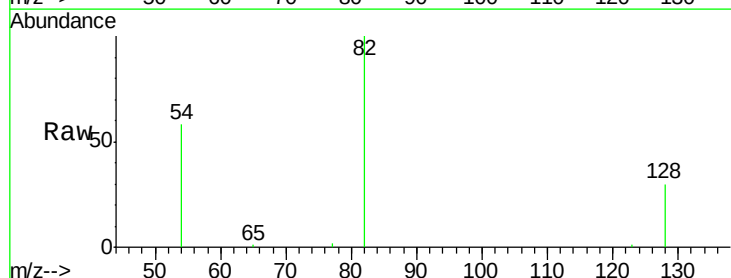
Tgt Ion: 82 Resp: 19258

Ion Ratio Lower Upper

82 100

128 30.4 25.0 37.6

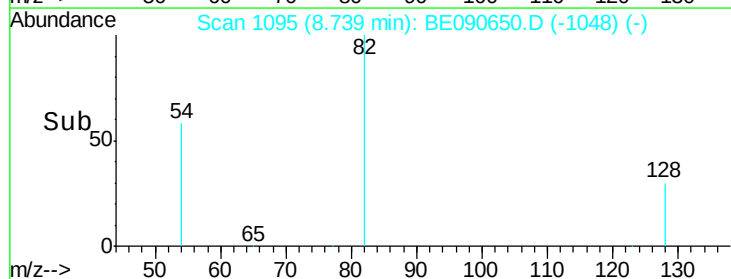
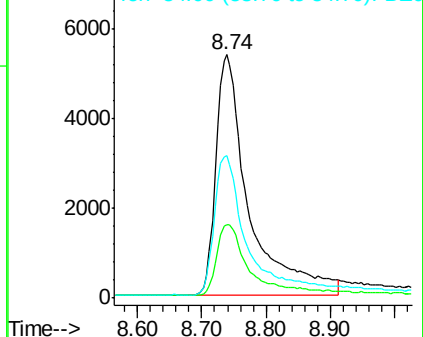
54 58.4 48.8 73.2

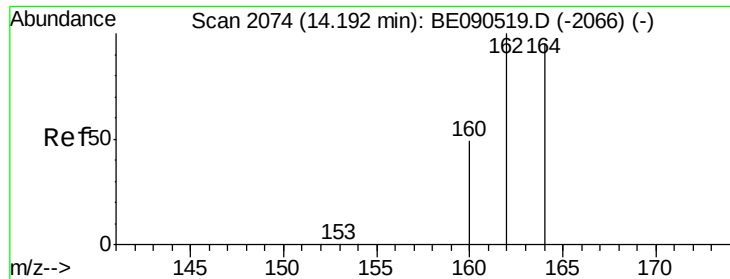


Abundance Ion 82.00 (81.70 to 82.70): BE0

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# 2076

Delta R.T. 0.01 min

Lab File: BE090650.D

Acq: 27 Aug 2015 14:58

Instrument :

BNA_E

ClientSampleId :

082515-D534-E-U-S

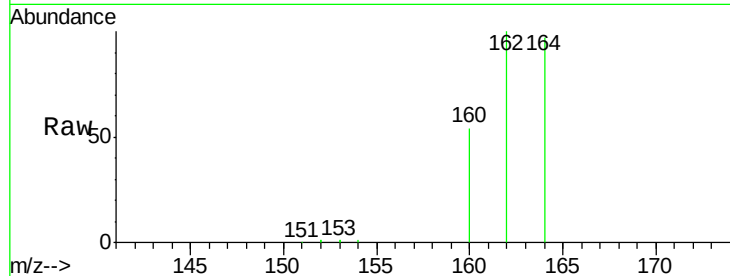
Tgt Ion:164 Resp: 47642

Ion Ratio Lower Upper

164 100

162 103.1 81.8 122.8

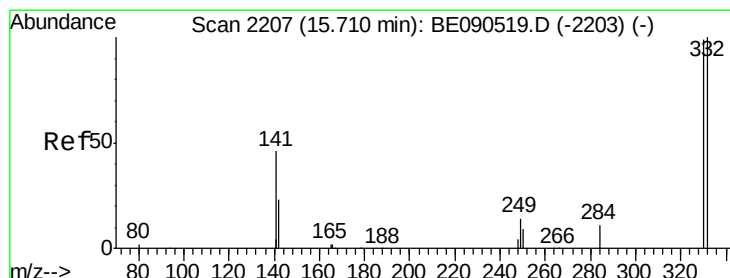
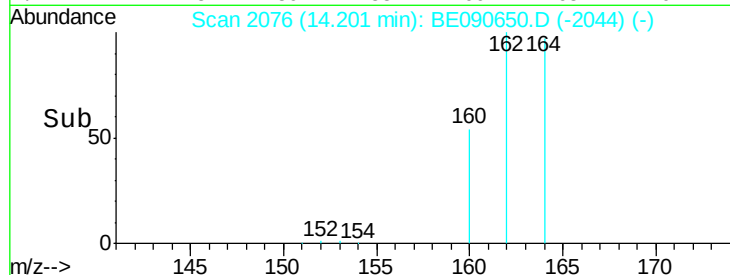
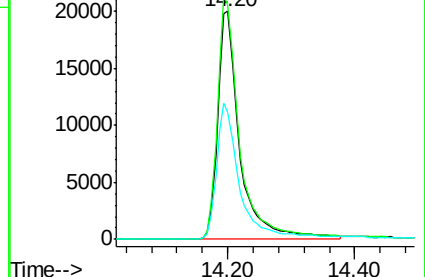
160 55.9 44.2 66.4



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: 8.09 ng

RT: 15.71 min Scan# 2207

Delta R.T. -0.00 min

Lab File: BE090650.D

Acq: 27 Aug 2015 14:58

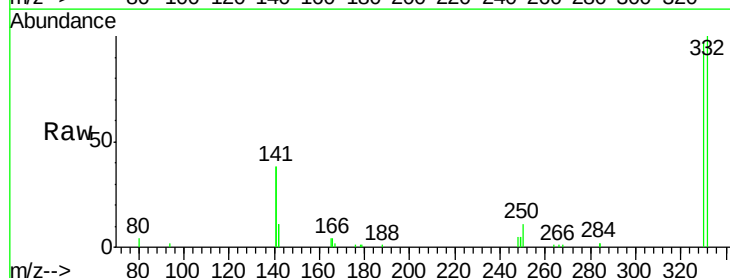
Tgt Ion:330 Resp: 14836

Ion Ratio Lower Upper

330 100

332 97.6 75.8 113.6

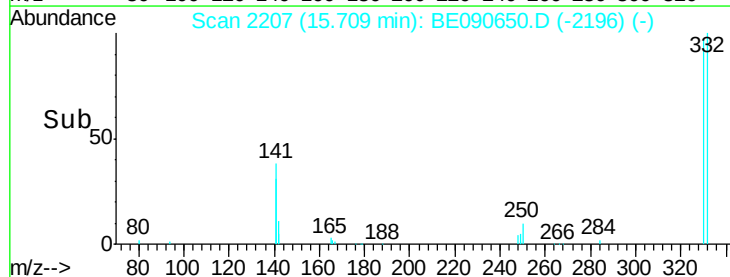
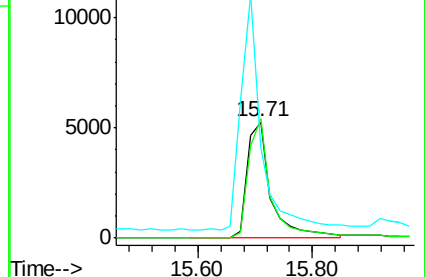
141 178.5 114.4 171.6#

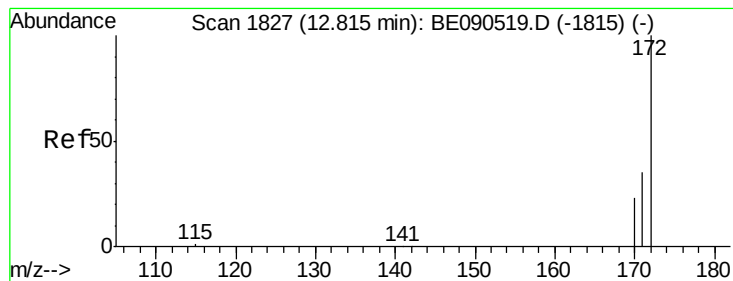


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#14

2-Fluorobiphenyl

Concen: 3.33 ng

RT: 12.83 min Scan# 1830

Delta R.T. 0.01 min

Lab File: BE090650.D

Acq: 27 Aug 2015 14:58

Instrument :

BNA_E

ClientSampleId :

082515-D534-E-U-S

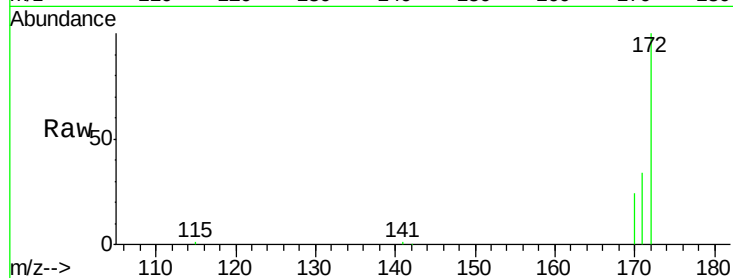
Tgt Ion:172 Resp: 47425

Ion Ratio Lower Upper

172 100

171 33.9 28.5 42.7

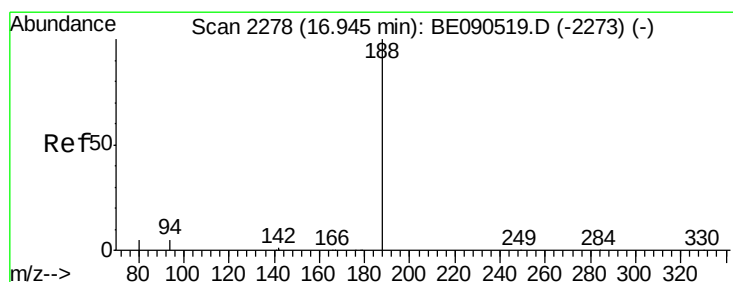
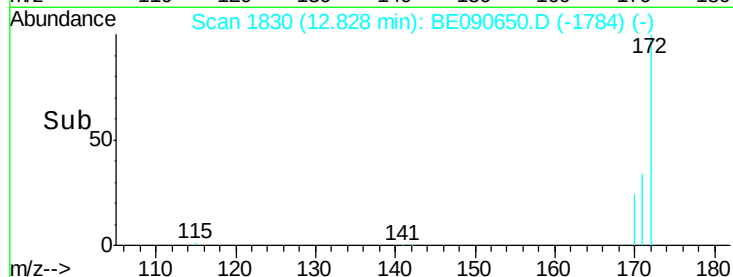
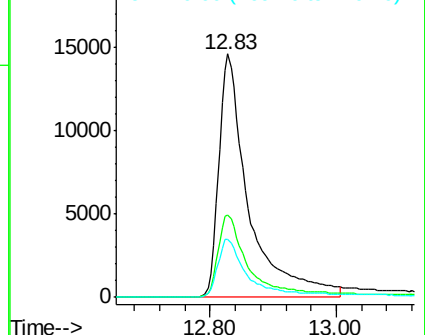
170 23.8 19.8 29.8



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# 2278

Delta R.T. -0.00 min

Lab File: BE090650.D

Acq: 27 Aug 2015 14:58

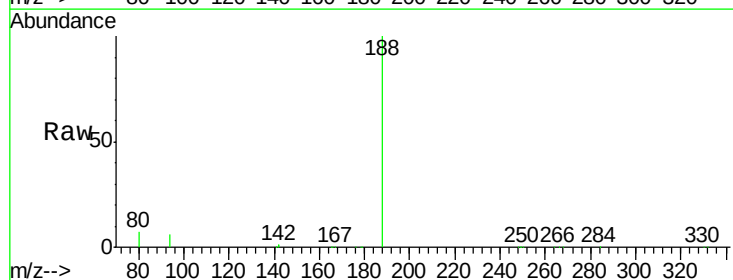
Tgt Ion:188 Resp: 130268

Ion Ratio Lower Upper

188 100

94 6.1 5.7 8.5

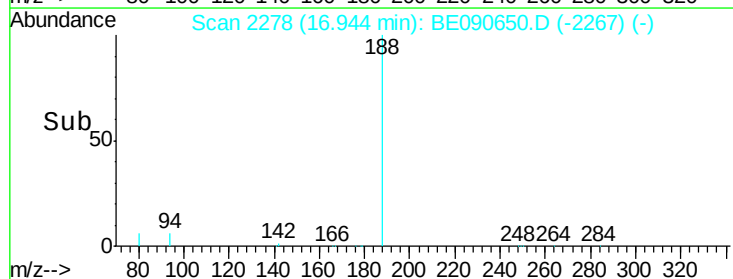
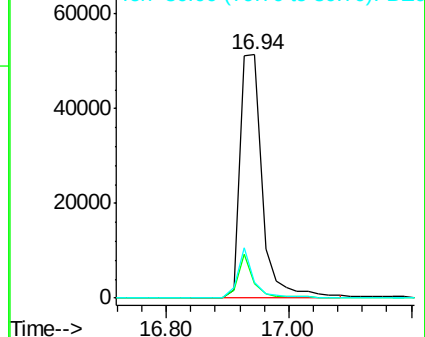
80 6.5 5.8 8.8

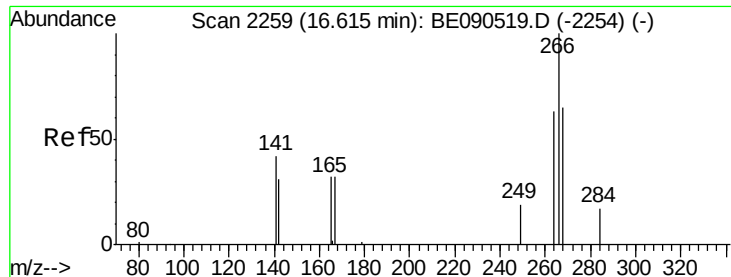


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE0

Ion 80.00 (79.70 to 80.70): BE0

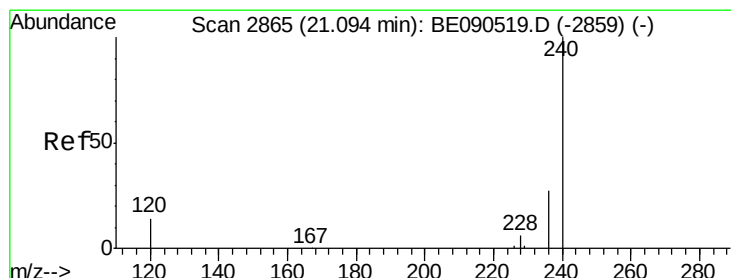
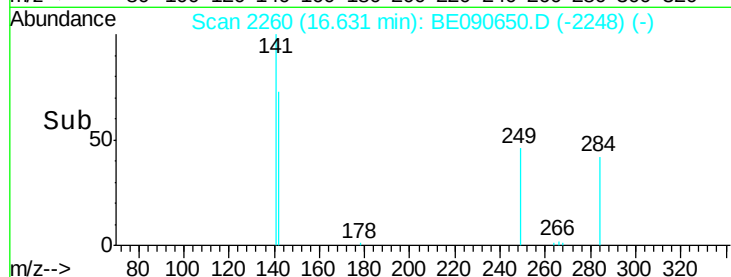
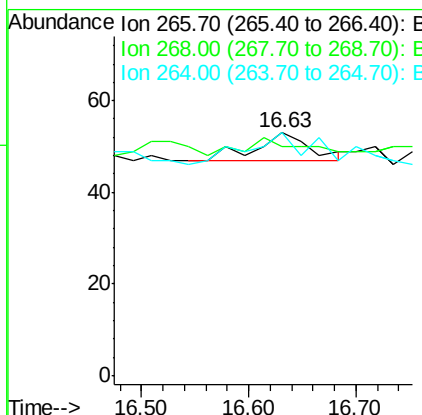
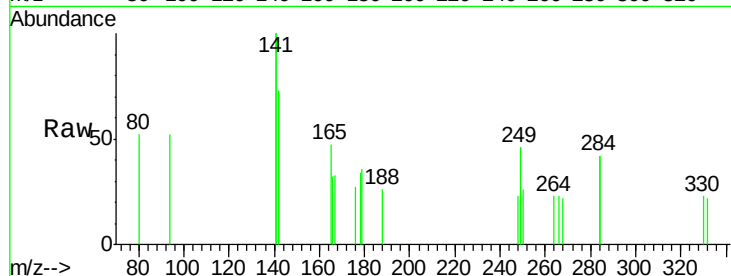




#21
Pentachlorophenol
Concen: 0.31 ng
RT: 16.63 min Scan# 2260
Delta R.T. 0.02 min
Lab File: BE090650.D
Acq: 27 Aug 2015 14:58

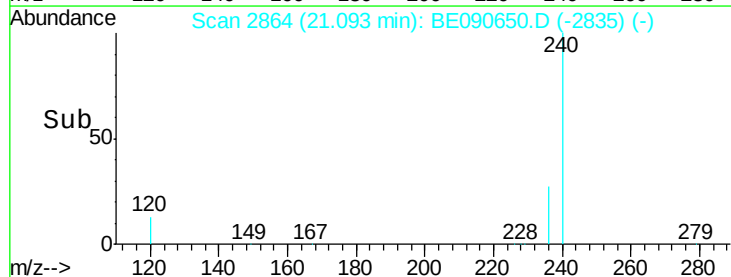
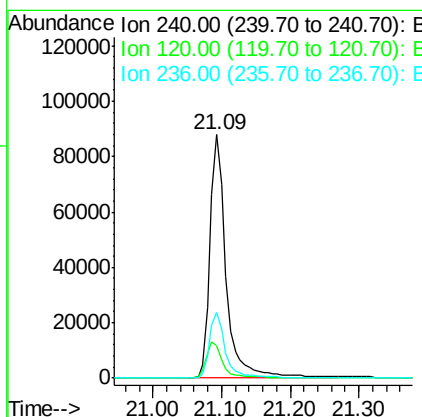
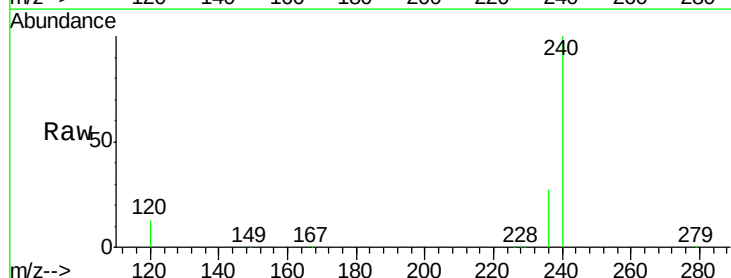
Instrument :
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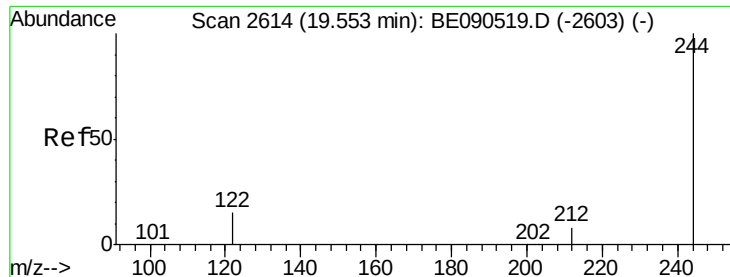
Tgt Ion:266 Resp: 21
Ion Ratio Lower Upper
266 100
268 94.3 58.5 87.7#
264 100.0 56.0 84.0#



#25
Chrysene-d12
Concen: 5.00 ng
RT: 21.09 min Scan# 2864
Delta R.T. -0.00 min
Lab File: BE090650.D
Acq: 27 Aug 2015 14:58

Tgt Ion:240 Resp: 144390
Ion Ratio Lower Upper
240 100
120 13.4 8.3 12.5#
236 27.2 21.0 31.4





#27

Terphenyl-d14

Concen: 4.41 ng

RT: 19.55 min Scan# 2613

Delta R.T. -0.01 min

Lab File: BE090650.D

Acq: 27 Aug 2015 14:58

Instrument :

BNA_E

ClientSampleId :

082515-D534-E-U-S

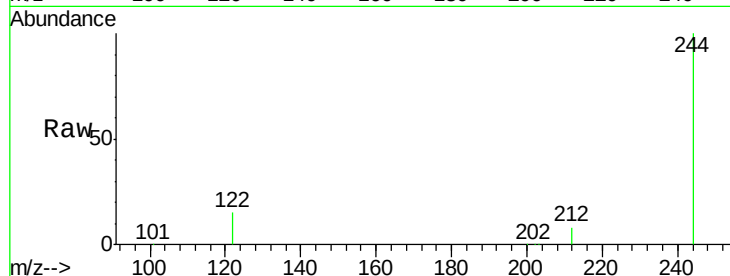
Tgt Ion:244 Resp: 116406

Ion Ratio Lower Upper

244 100

212 8.2 6.6 9.8

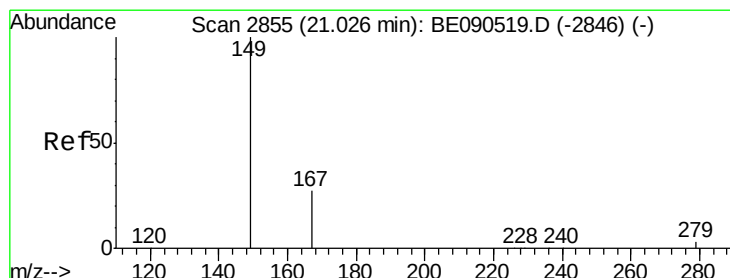
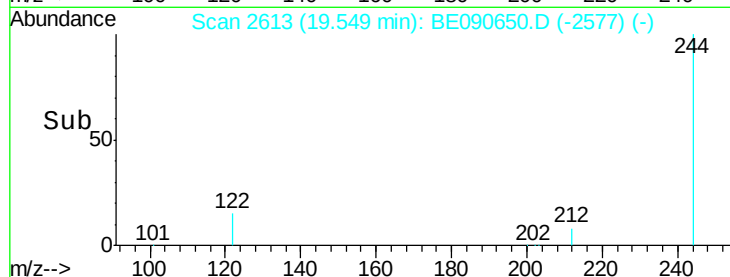
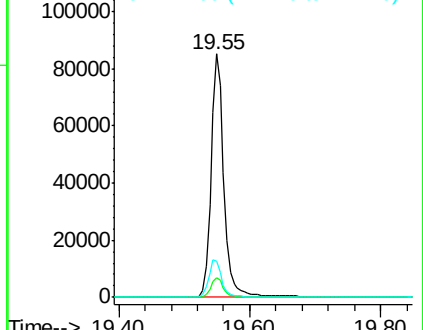
122 14.9 10.2 15.4



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: 0.32 ng

RT: 21.02 min Scan# 2853

Delta R.T. -0.00 min

Lab File: BE090650.D

Acq: 27 Aug 2015 14:58

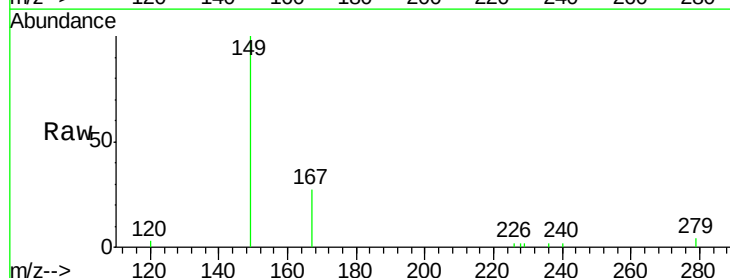
Tgt Ion:149 Resp: 4107

Ion Ratio Lower Upper

149 100

167 25.6 19.8 29.8

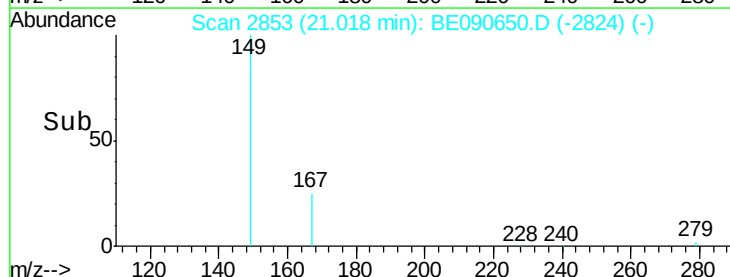
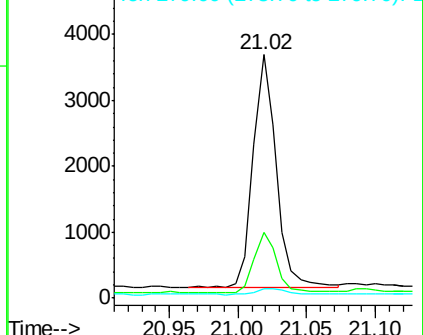
279 3.0 2.4 3.6

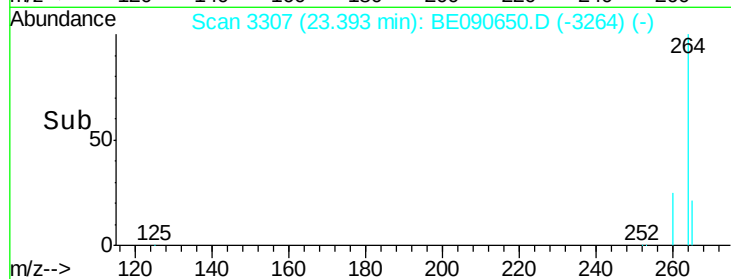
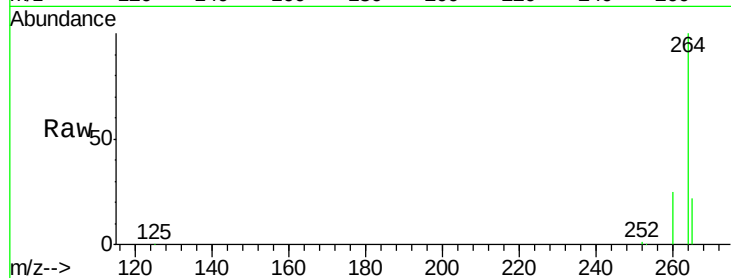
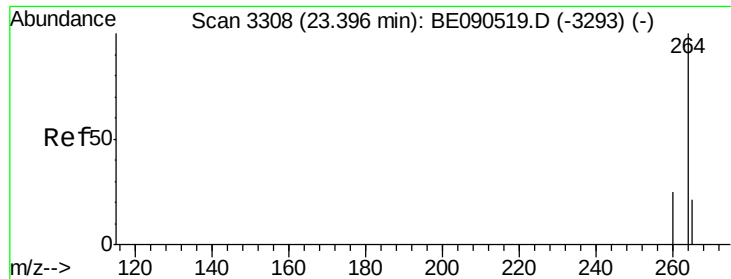


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#32

Perylene-d12

Concen: 5.00 ng

RT: 23.39 min Scan# 3307

Delta R.T. -0.00 min

Lab File: BE090650.D

Acq: 27 Aug 2015 14:58

Instrument :

BNA_E

ClientSampleId :

082515-D534-E-U-S

Tgt Ion: 264 Resp: 122583

Ion Ratio Lower Upper

264 100

260 24.8 20.1 30.1

265 21.6 17.2 25.8

