

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE082615\
 Data File : BE090641.D
 Acq On : 26 Aug 2015 17:29
 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 26 23:50:22 2015
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE081415.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 26 23:44:39 2015
 Response via : Initial Calibration

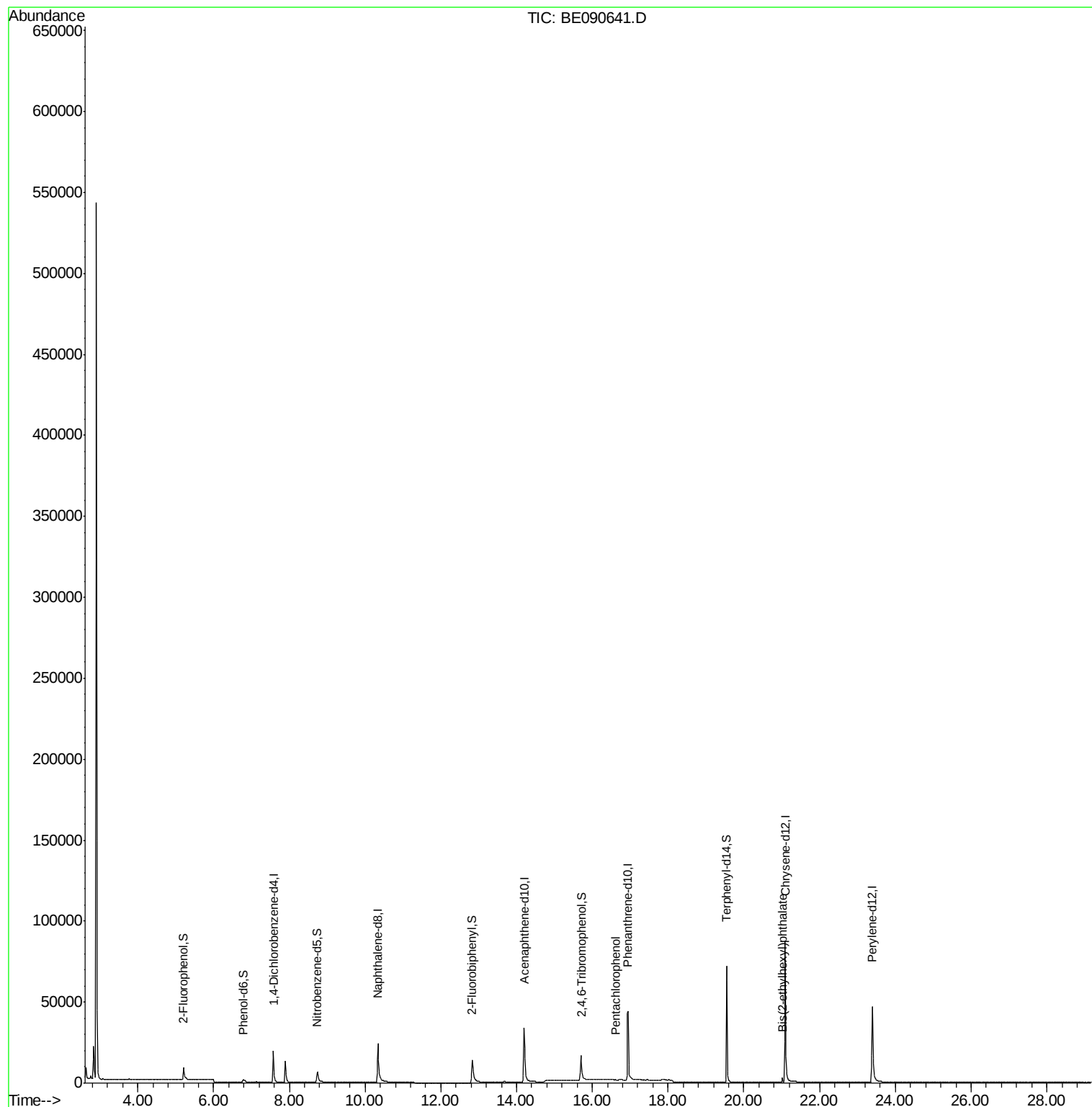
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.58	152	12303	5.00	ng	0.00
6) Naphthalene-d8	10.34	136	53262	5.00	ng	0.00
12) Acenaphthene-d10	14.20	164	31542	5.00	ng	0.00
18) Phenanthrene-d10	16.94	188	84953	5.00	ng	0.00
25) Chrysene-d12	21.09	240	98182	5.00	ng	0.00
32) Perylene-d12	23.39	264	84001	5.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.21	112	8072	2.27	ng	0.00
5) Phenol-d6	6.78	99	5724	1.09	ng	0.00
7) Nitrobenzene-d5	8.74	82	12606	2.97	ng	0.01
13) 2,4,6-Tribromophenol	15.71	330	9664	7.96	ng	0.00
14) 2-Fluorobiphenyl	12.82	172	31493	3.34	ng	0.00
27) Terphenyl-d14	19.55	244	78856	4.39	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.35	88	23	Below Cal	#	27
21) Pentachlorophenol	16.61	266	18	0.31 ng	#	69
30) Bis(2-ethylhexyl)phthalate	21.02	149	2838	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: BE090641.D

Acq: 26 Aug 2015 17:29

Instrument :

BNA_E

ClientSampleId :

082515-D534-E-U-S

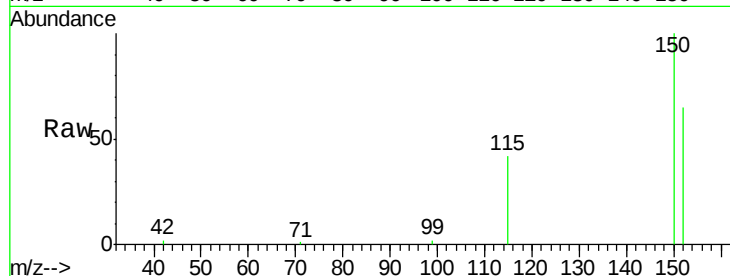
Tgt Ion:152 Resp: 12303

Ion Ratio Lower Upper

152 100

150 154.3 123.0 184.4

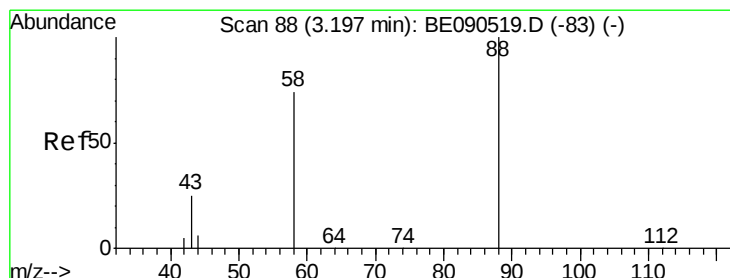
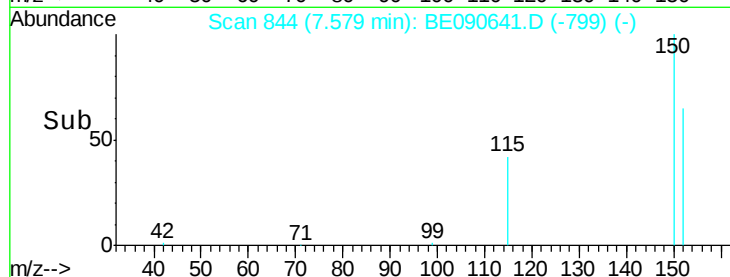
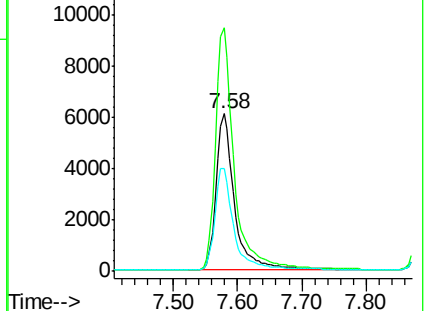
115 65.4 48.9 73.3



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: 3.35 min Scan# 110

Delta R.T. 0.16 min

Lab File: BE090641.D

Acq: 26 Aug 2015 17:29

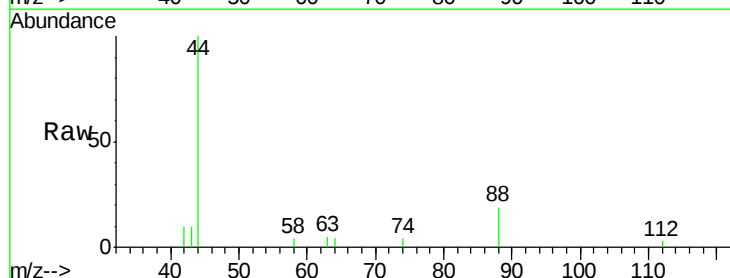
Tgt Ion: 88 Resp: 23

Ion Ratio Lower Upper

88 100

58 0.0 70.0 105.0#

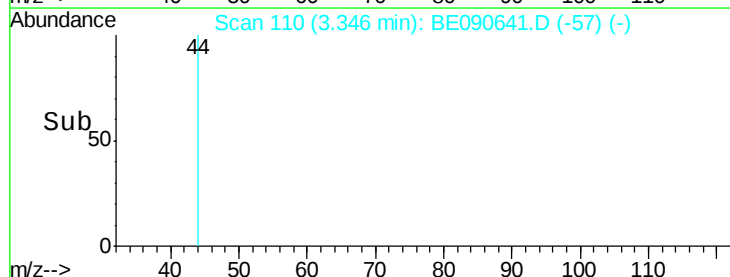
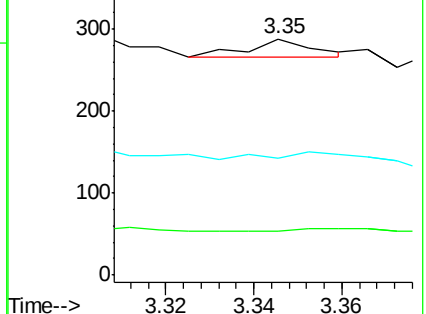
43 47.8 28.4 42.6#



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: 2.27 ng

RT: 5.21 min Scan# 385

Delta R.T. 0.00 min

Lab File: BE090641.D

Acq: 26 Aug 2015 17:29

Instrument :

BNA_E

ClientSampleId :

082515-D534-E-U-S

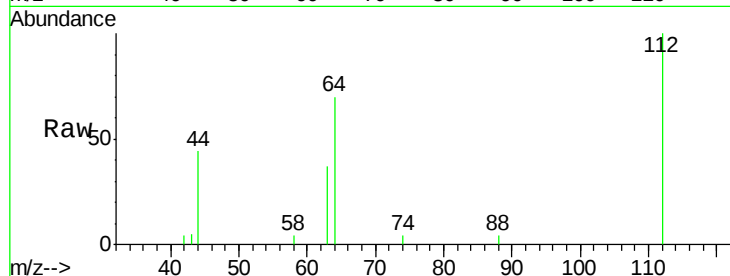
Tgt Ion: 112 Resp: 8072

Ion Ratio Lower Upper

112 100

64 70.9 37.1 55.7#

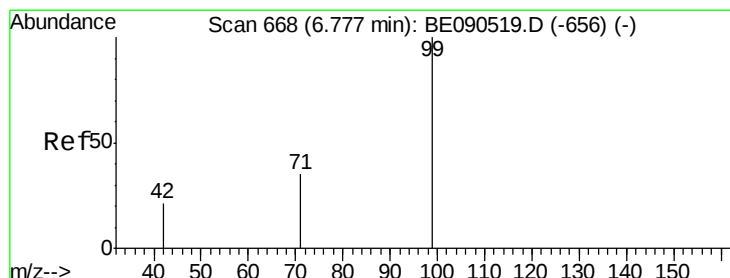
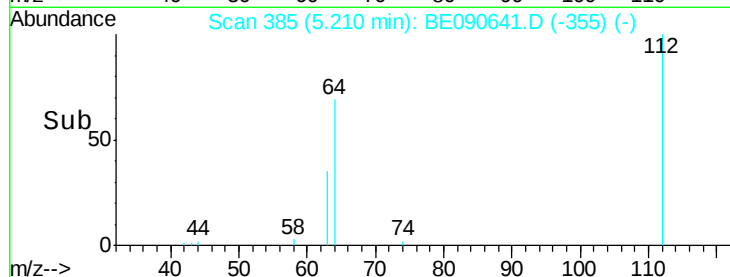
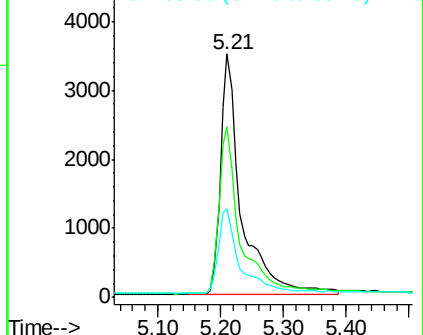
63 36.7 19.5 29.3#



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: 1.09 ng

RT: 6.78 min Scan# 669

Delta R.T. 0.01 min

Lab File: BE090641.D

Acq: 26 Aug 2015 17:29

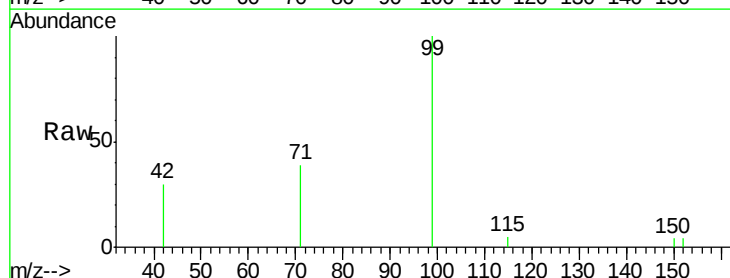
Tgt Ion: 99 Resp: 5724

Ion Ratio Lower Upper

99 100

42 21.1 18.2 27.4

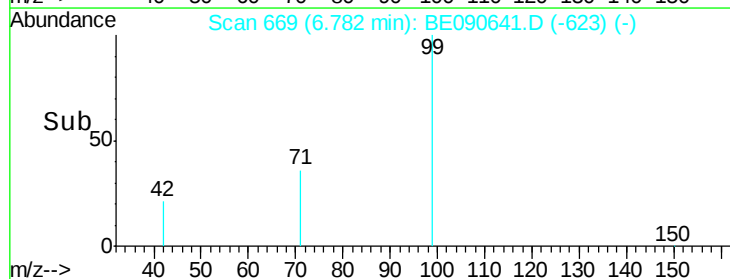
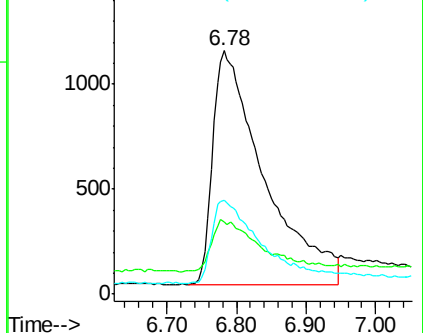
71 34.2 27.4 41.0

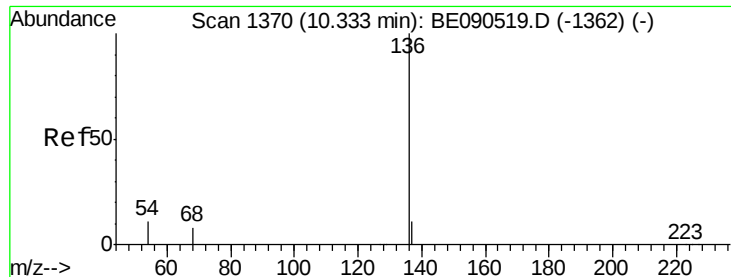


Abundance Ion 99.00 (98.70 to 99.70): BE090519.D (-656) (-)

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: BE090641.D

Acq: 26 Aug 2015 17:29

Instrument :

BNA_E

ClientSampleId :

082515-D534-E-U-S

Tgt Ion:136 Resp: 53262

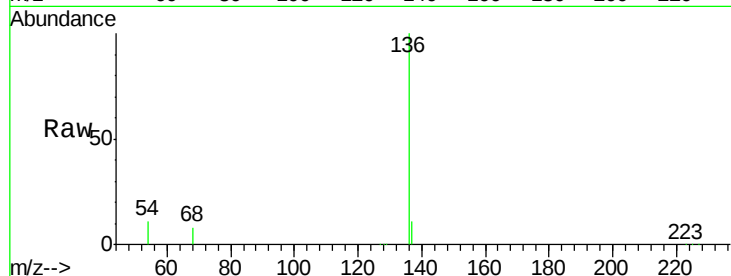
Ion Ratio Lower Upper

136 100

137 11.1 8.7 13.1

54 11.0 9.4 14.0

68 8.0 6.5 9.7

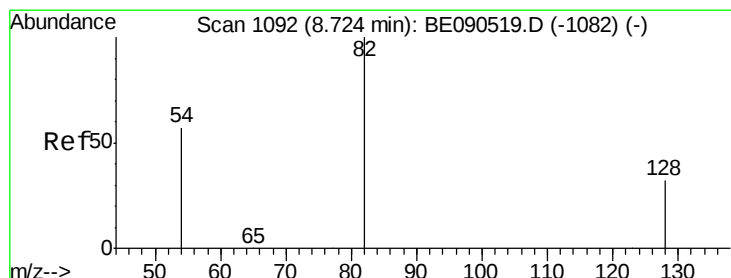
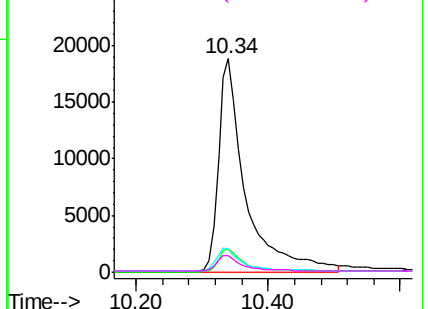
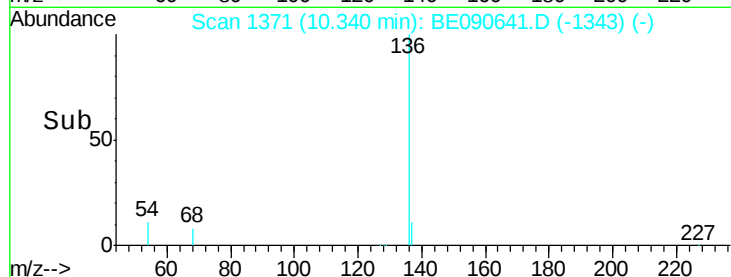


Abundance Ion 136.00 (135.70 to 136.70): E

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: 8.74 min Scan# 1095

Delta R.T. 0.01 min

Lab File: BE090641.D

Acq: 26 Aug 2015 17:29

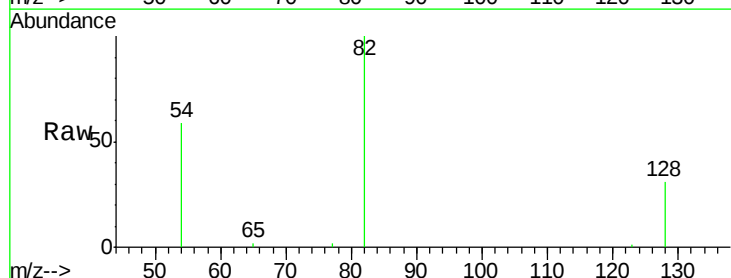
Tgt Ion: 82 Resp: 12606

Ion Ratio Lower Upper

82 100

128 31.1 25.0 37.6

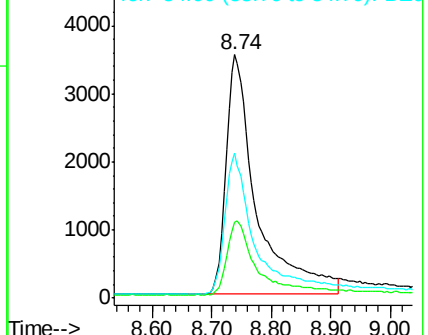
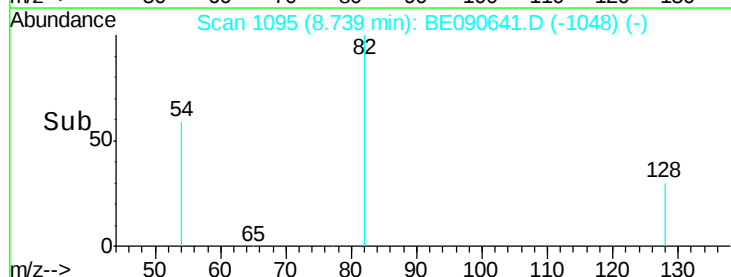
54 59.4 48.8 73.2

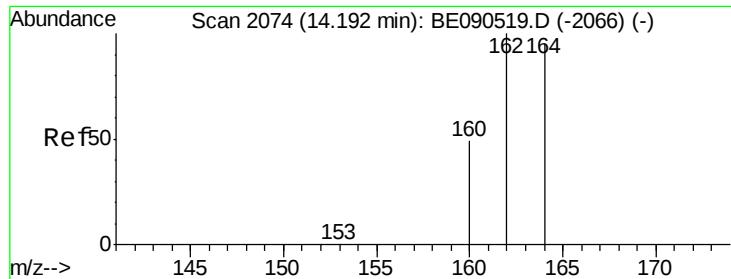


Abundance Ion 82.00 (81.70 to 82.70): BE0

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# 2075

Delta R.T. 0.01 min

Lab File: BE090641.D

Acq: 26 Aug 2015 17:29

Instrument :

BNA_E

ClientSampleId :

082515-D534-E-U-S

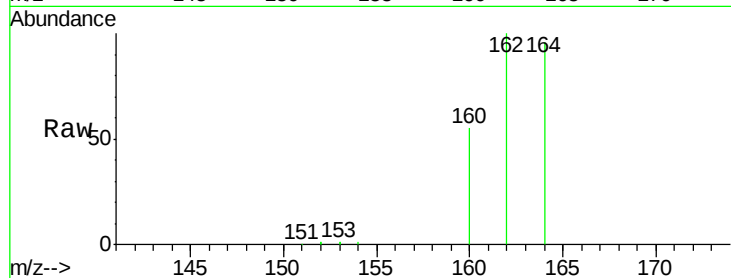
Tgt Ion:164 Resp: 31542

Ion Ratio Lower Upper

164 100

162 103.8 81.8 122.8

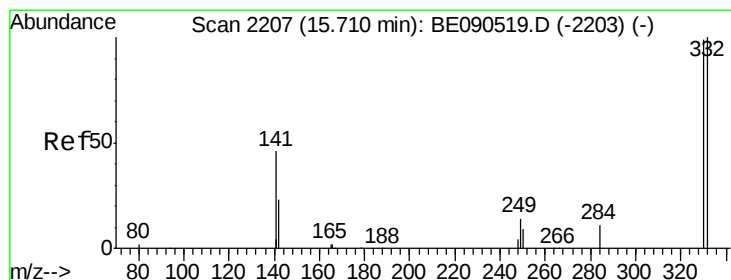
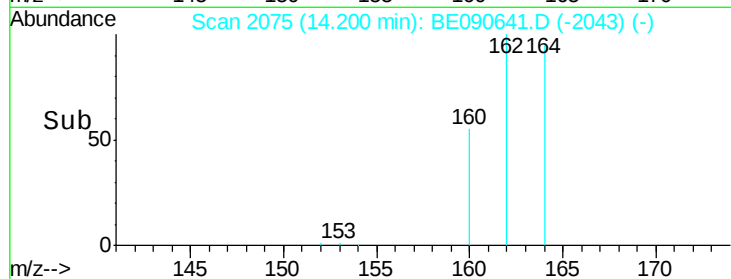
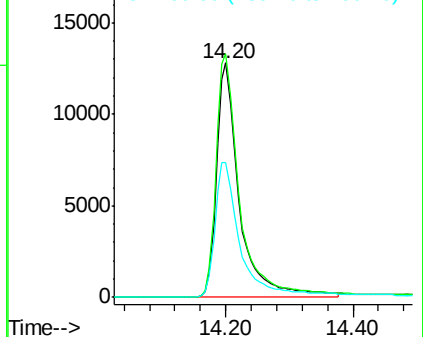
160 57.3 44.2 66.4



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: 7.96 ng

RT: 15.71 min Scan# 2206

Delta R.T. 0.00 min

Lab File: BE090641.D

Acq: 26 Aug 2015 17:29

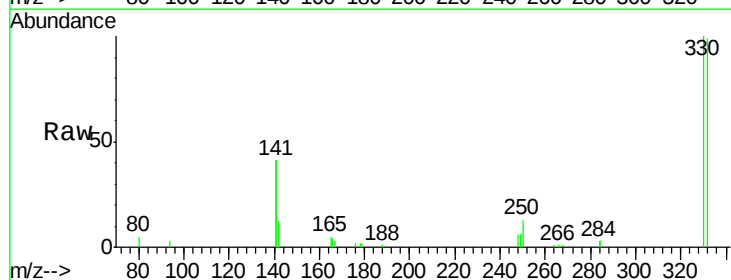
Tgt Ion:330 Resp: 9664

Ion Ratio Lower Upper

330 100

332 97.5 75.8 113.6

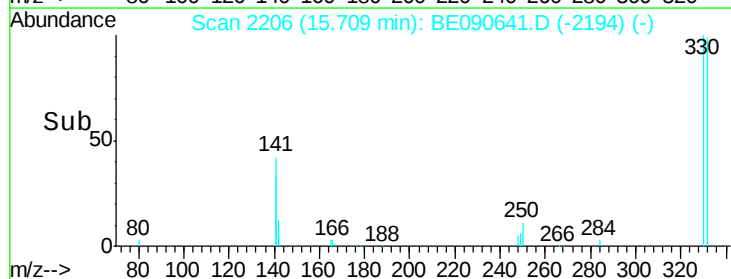
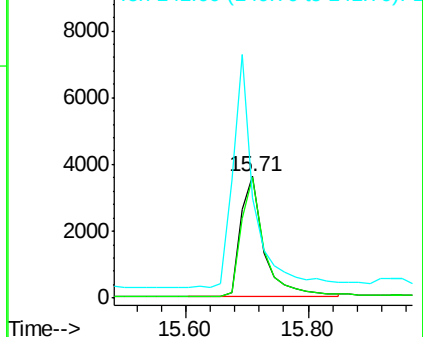
141 178.4 114.4 171.6#

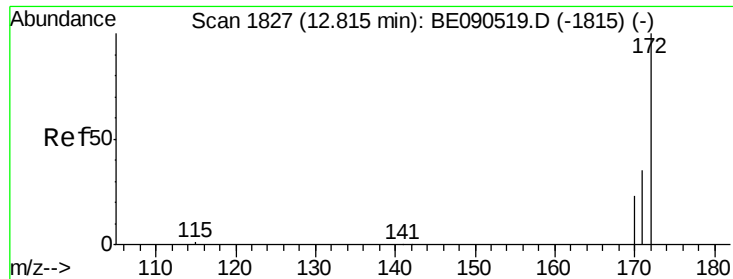


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

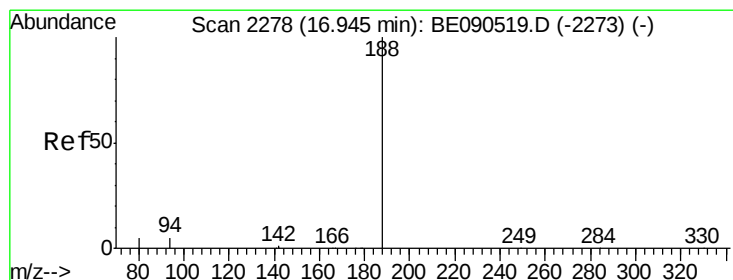
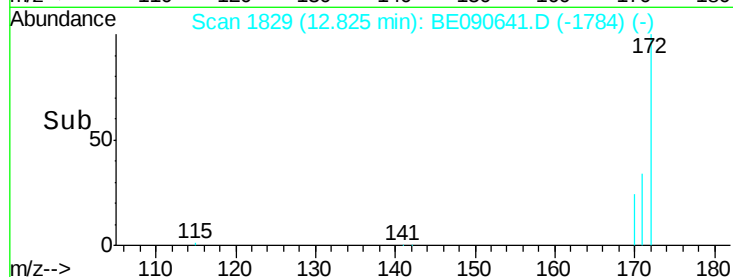
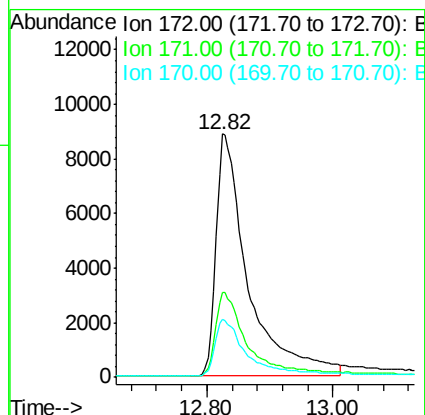
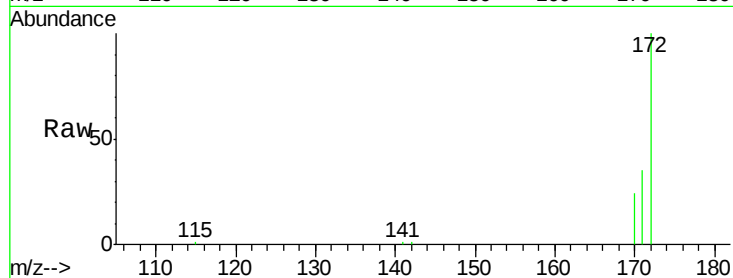




#14
2-Fluorobiphenyl
Concen: 3.34 ng
RT: 12.82 min Scan# 1829
Delta R.T. 0.00 min
Lab File: BE090641.D
Acq: 26 Aug 2015 17:29

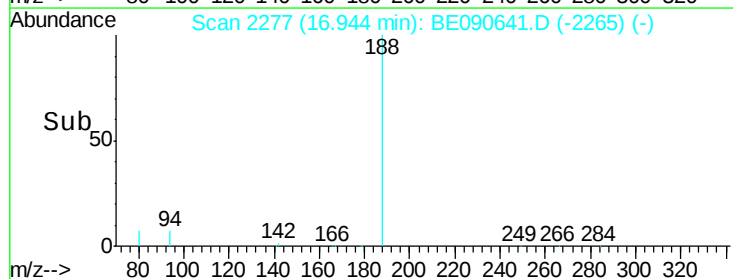
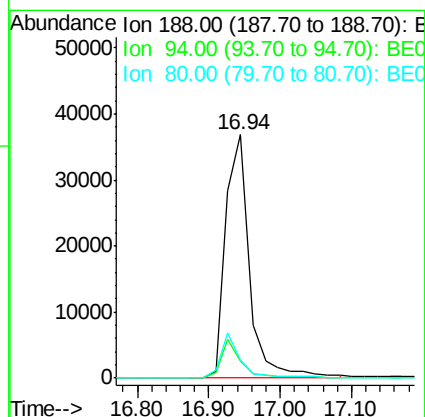
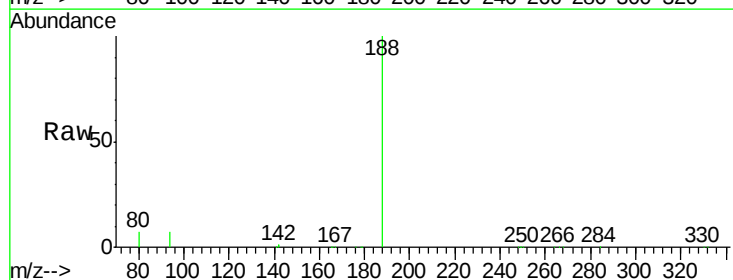
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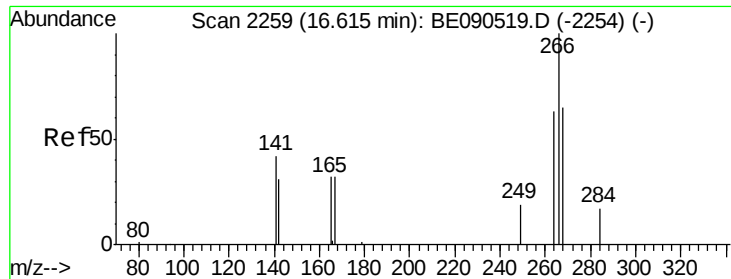
Tgt Ion:172 Resp: 31493
Ion Ratio Lower Upper
172 100
171 34.7 28.5 42.7
170 24.0 19.8 29.8



#18
Phenanthrene-d10
Concen: 5.00 ng
RT: 16.94 min Scan# 2277
Delta R.T. 0.00 min
Lab File: BE090641.D
Acq: 26 Aug 2015 17:29

Tgt Ion:188 Resp: 84953
Ion Ratio Lower Upper
188 100
94 7.1 5.7 8.5
80 7.3 5.8 8.8

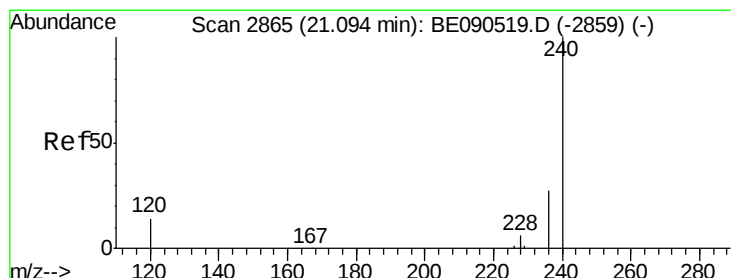
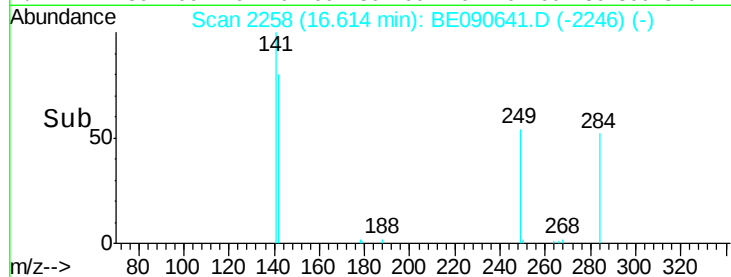
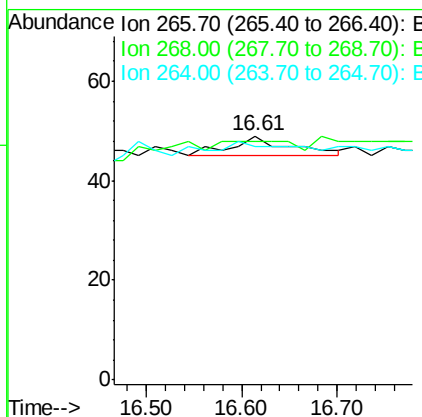
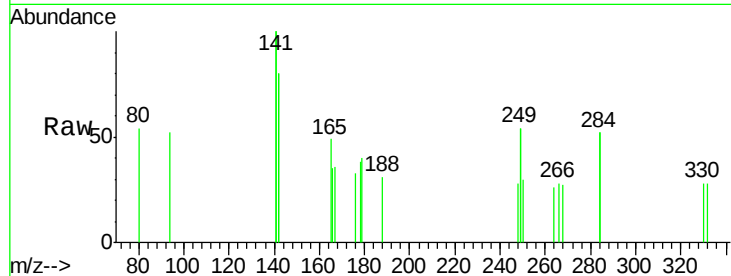




#21
 Pentachlorophenol
 Concen: 0.31 ng
 RT: 16.61 min Scan# 2258
 Delta R.T. 0.00 min
 Lab File: BE090641.D
 Acq: 26 Aug 2015 17:29

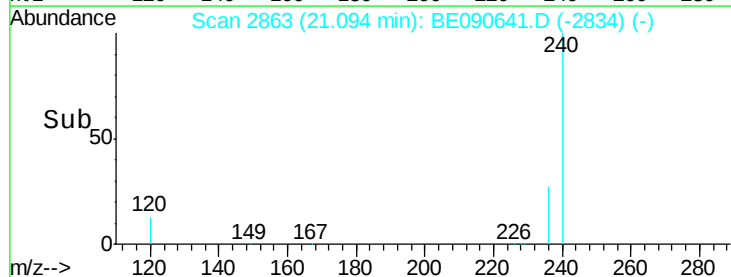
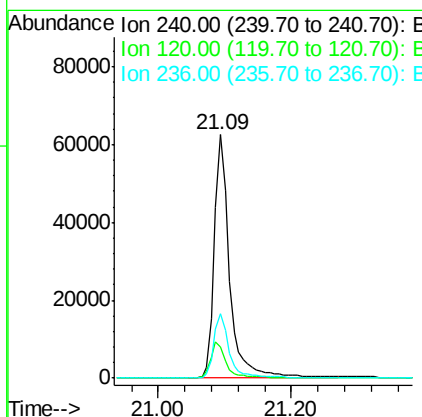
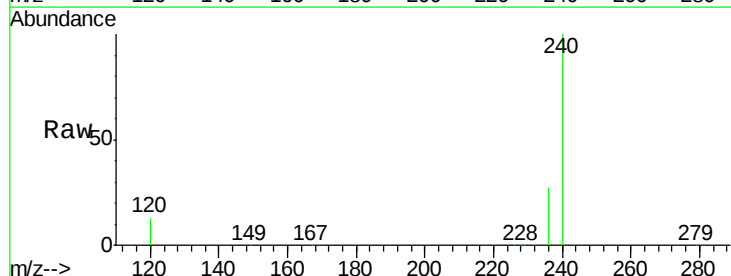
Instrument :
 BNA_E
 ClientSampleId :
 082515-D534-E-U-S

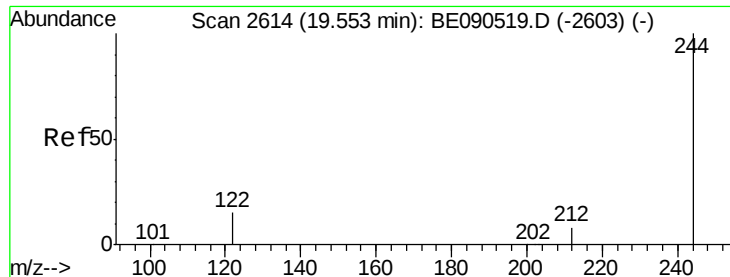
Tgt Ion: 266 Resp: 18
 Ion Ratio Lower Upper
 266 100
 268 98.0 58.5 87.7#
 264 95.9 56.0 84.0#



#25
 Chrysene-d12
 Concen: 5.00 ng
 RT: 21.09 min Scan# 2863
 Delta R.T. -0.00 min
 Lab File: BE090641.D
 Acq: 26 Aug 2015 17:29

Tgt Ion: 240 Resp: 98182
 Ion Ratio Lower Upper
 240 100
 120 12.7 8.3 12.5#
 236 26.6 21.0 31.4





#27

Terphenyl-d14

Concen: 4.39 ng

RT: 19.55 min Scan# 2612

Delta R.T. -0.00 min

Lab File: BE090641.D

Acq: 26 Aug 2015 17:29

Instrument :

BNA_E

ClientSampleId :

082515-D534-E-U-S

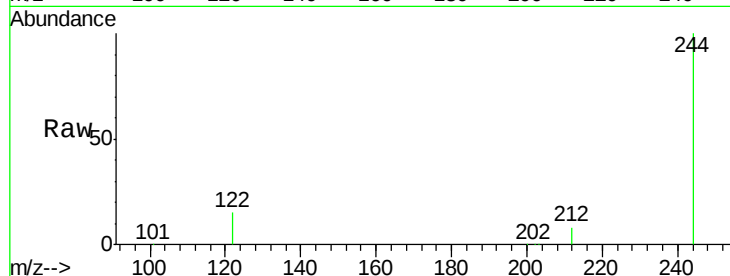
Tgt Ion:244 Resp: 78856

Ion Ratio Lower Upper

244 100

212 8.3 6.6 9.8

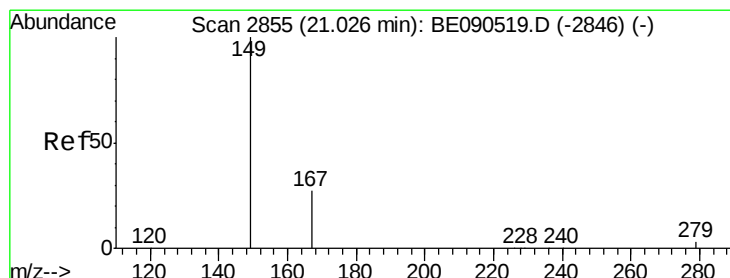
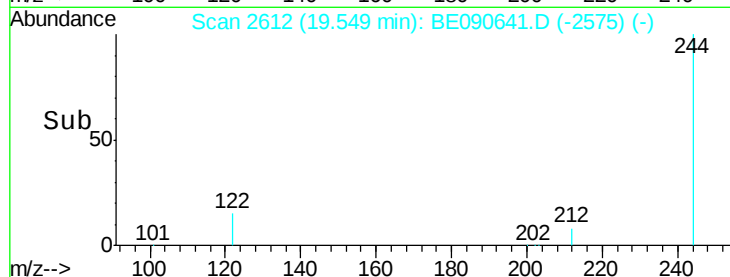
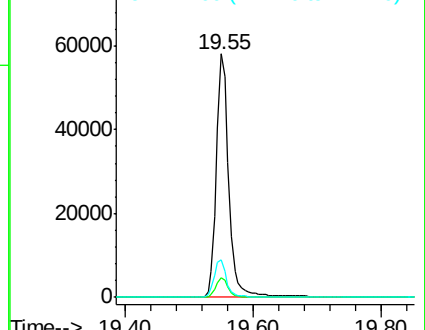
122 15.2 10.2 15.4



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: 0.32 ng

RT: 21.02 min Scan# 2852

Delta R.T. -0.00 min

Lab File: BE090641.D

Acq: 26 Aug 2015 17:29

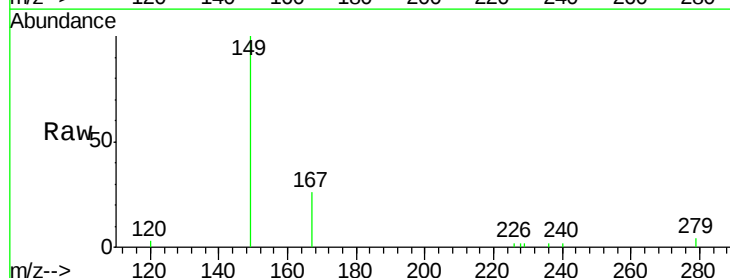
Tgt Ion:149 Resp: 2838

Ion Ratio Lower Upper

149 100

167 24.0 19.8 29.8

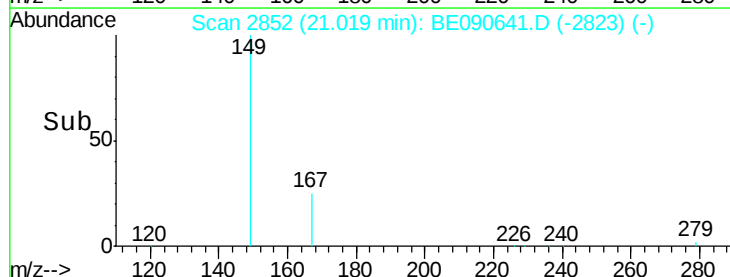
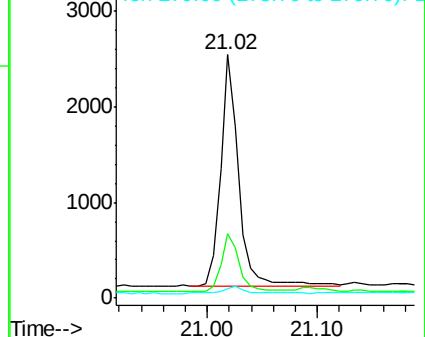
279 3.2 2.4 3.6

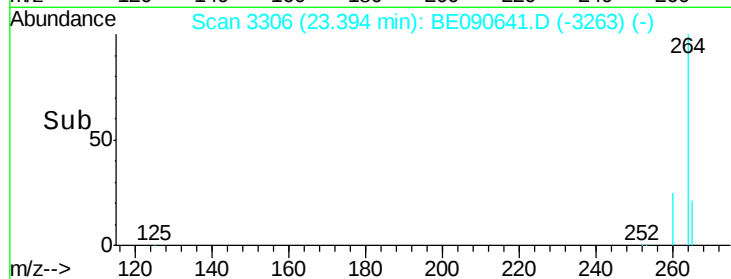
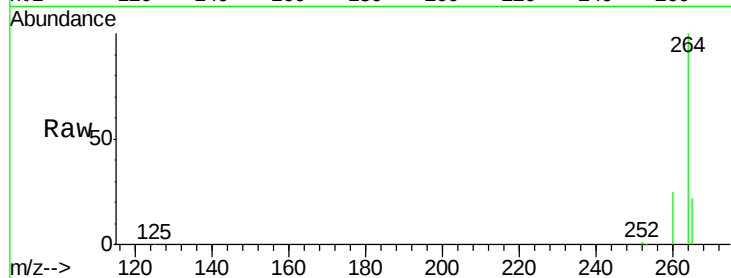
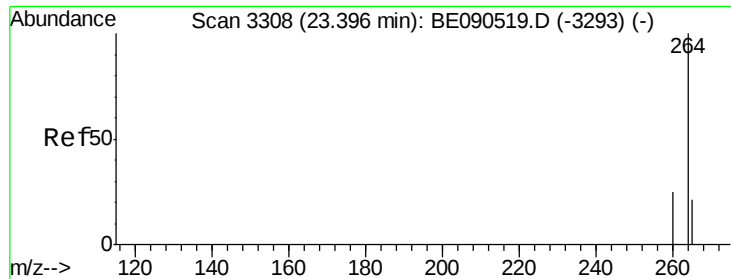


Abundance Ion 149.00 (148.70 to 149.70): E

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# 3306

Delta R.T. -0.00 min

Lab File: BE090641.D

Acq: 26 Aug 2015 17:29

Instrument :

BNA_E

ClientSampleId :

082515-D534-E-U-S

Tgt Ion:264 Resp: 84001

Ion Ratio Lower Upper

264 100

260 24.9 20.1 30.1

265 22.0 17.2 25.8

