

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE082615\
 Data File : BE090640.D
 Acq On : 26 Aug 2015 16:53
 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 26 23:50:08 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

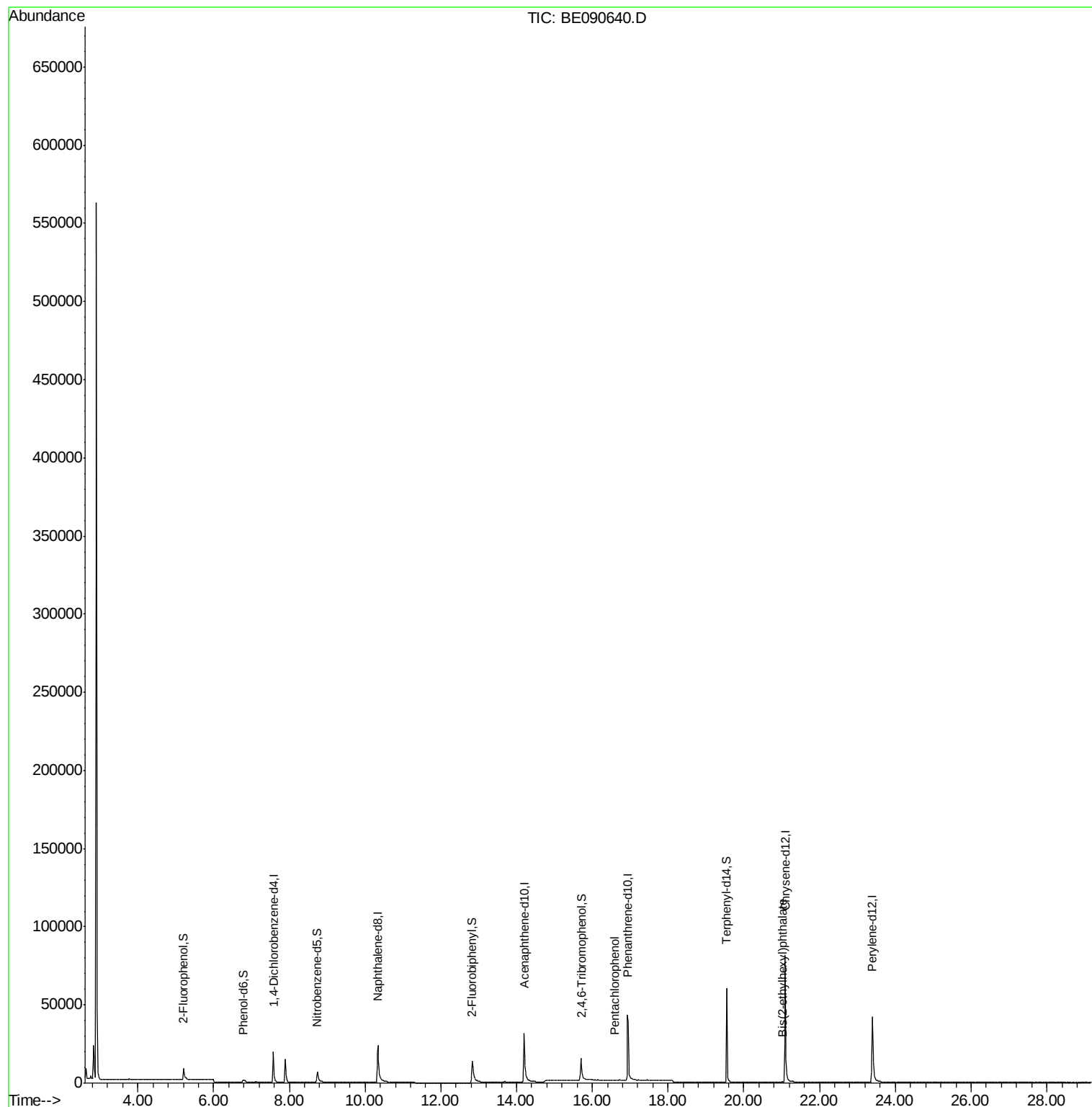
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.58	152	12304	5.00	ng	0.00
6) Naphthalene-d8	10.34	136	52094	5.00	ng	0.00
12) Acenaphthene-d10	14.20	164	29844	5.00	ng	0.00
18) Phenanthrene-d10	16.95	188	81110	5.00	ng	0.00
25) Chrysene-d12	21.09	240	91224	5.00	ng	0.00
32) Perylene-d12	23.40	264	77518	5.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.21	112	8525	2.40	ng	0.00
5) Phenol-d6	6.79	99	5624	1.08	ng	0.01
7) Nitrobenzene-d5	8.74	82	13562	3.27	ng	0.02
13) 2,4,6-Tribromophenol	15.71	330	9449	8.23	ng	0.00
14) 2-Fluorobiphenyl	12.83	172	31854	3.57	ng	0.00
27) Terphenyl-d14	19.55	244	72477	4.34	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.34	88	33	Below Cal	#	32
21) Pentachlorophenol	16.60	266	5	0.30 ng	#	67
30) Bis(2-ethylhexyl)phthalate	21.02	149	613	0.18 ng		93

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

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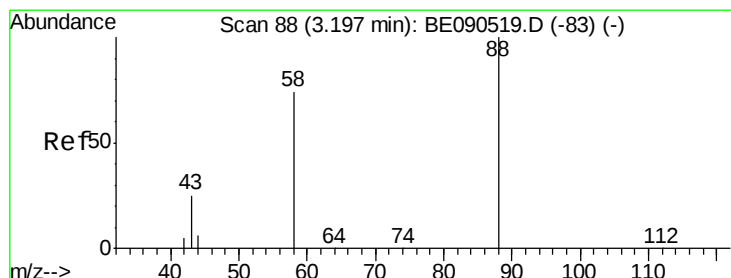
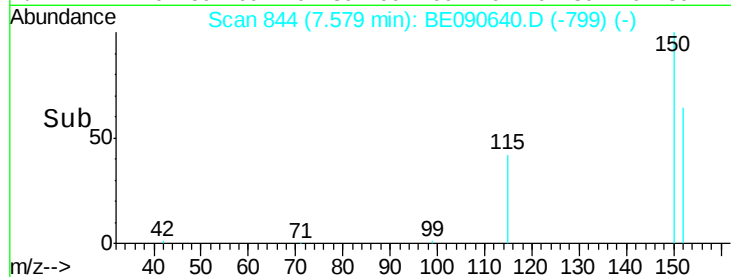
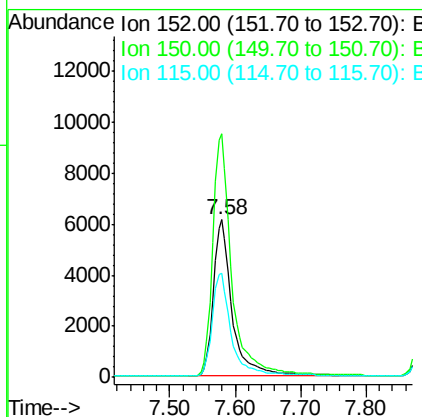
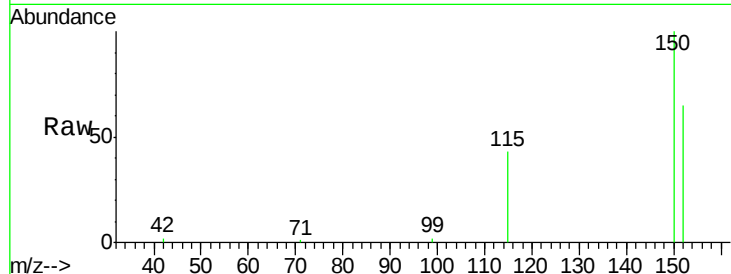




#1
 1,4-Dichlorobenzene-d4
 Concen: 5.00 ng
 RT: 7.58 min Scan# 844
 Delta R.T. 0.00 min
 Lab File: BE090640.D
 Acq: 26 Aug 2015 16:53

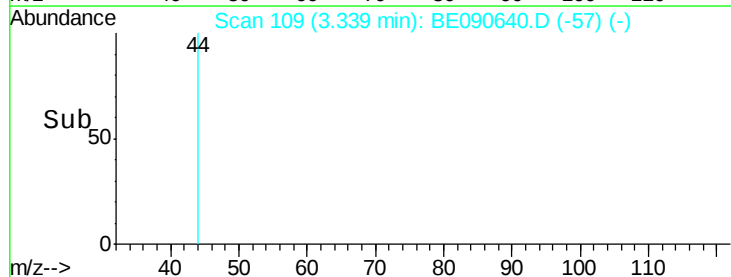
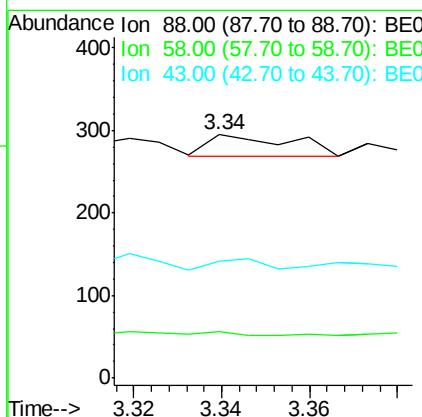
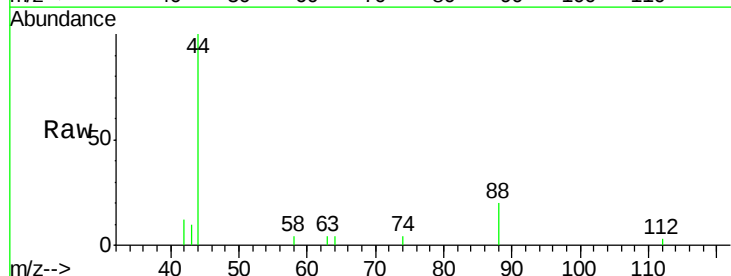
Instrument :
 BNA_E
 ClientSampleId :
 082515-D534-E-U-M

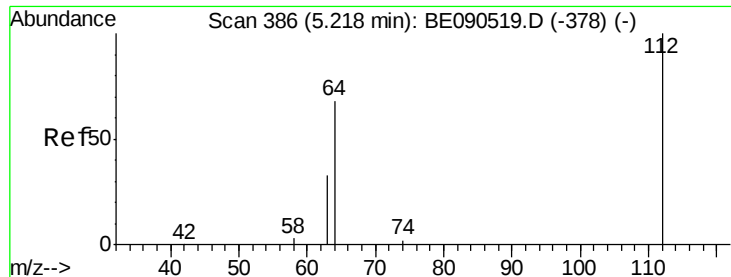
Tgt Ion: 152 Resp: 12304
 Ion Ratio Lower Upper
 152 100
 150 154.9 123.0 184.4
 115 66.0 48.9 73.3



#2
 1,4-Dioxane
 Concen: Below Cal
 RT: 3.34 min Scan# 109
 Delta R.T. 0.15 min
 Lab File: BE090640.D
 Acq: 26 Aug 2015 16:53

Tgt Ion: 88 Resp: 33
 Ion Ratio Lower Upper
 88 100
 58 0.0 70.0 105.0#
 43 36.4 28.4 42.6





#4

2-Fluorophenol

Concen: 2.40 ng

RT: 5.21 min Scan# 385

Delta R.T. 0.00 min

Lab File: BE090640.D

Acq: 26 Aug 2015 16:53

Instrument :

BNA_E

ClientSampleId :

082515-D534-E-U-M

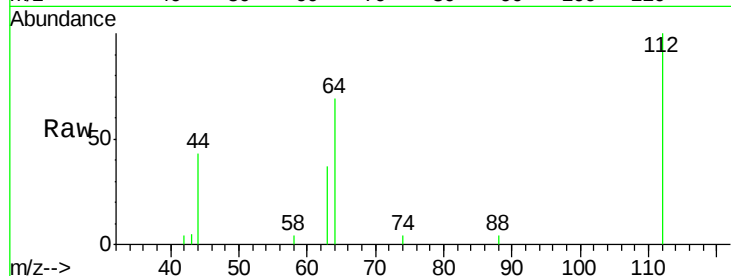
Tgt Ion: 112 Resp: 8525

Ion Ratio Lower Upper

112 100

64 69.8 37.1 55.7#

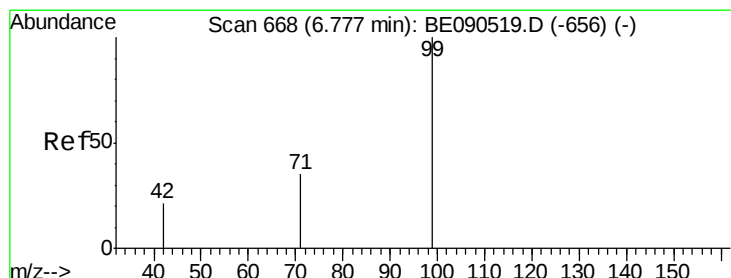
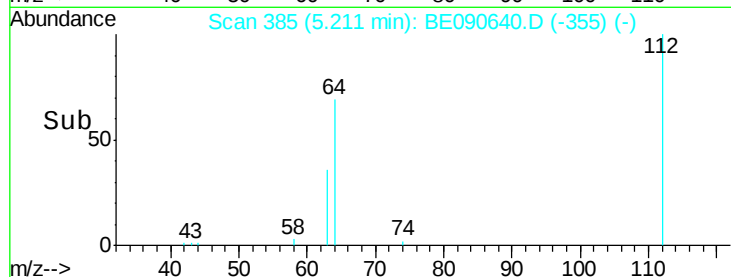
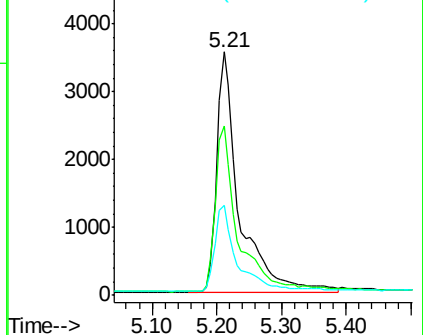
63 35.7 19.5 29.3#



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: 1.08 ng

RT: 6.79 min Scan# 670

Delta R.T. 0.01 min

Lab File: BE090640.D

Acq: 26 Aug 2015 16:53

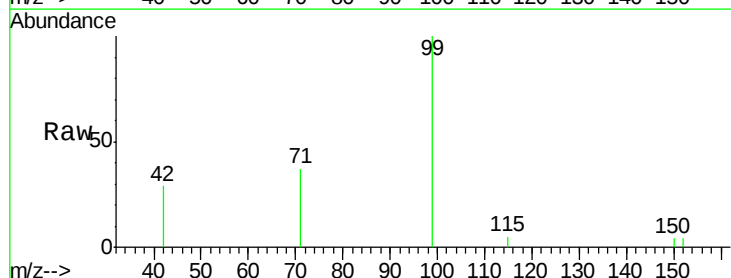
Tgt Ion: 99 Resp: 5624

Ion Ratio Lower Upper

99 100

42 22.8 18.2 27.4

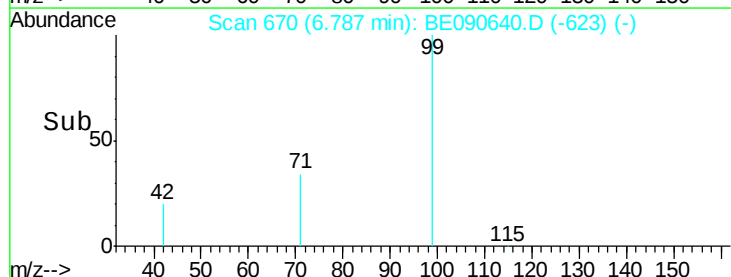
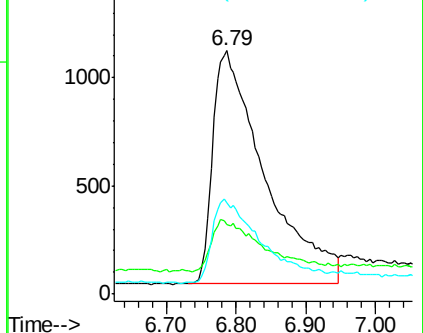
71 34.9 27.4 41.0

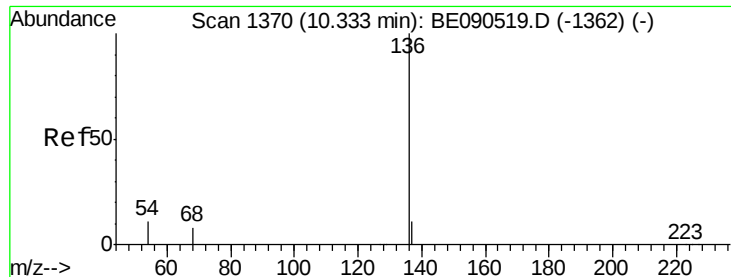


Abundance Ion 99.00 (98.70 to 99.70): BE090519.D (-656) (-)

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: BE090640.D

Acq: 26 Aug 2015 16:53

Instrument :

BNA_E

ClientSampleId :

082515-D534-E-U-M

Tgt Ion:136 Resp: 52094

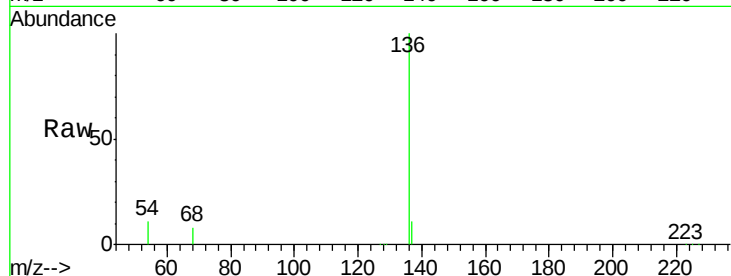
Ion Ratio Lower Upper

136 100

137 11.2 8.7 13.1

54 11.3 9.4 14.0

68 8.5 6.5 9.7

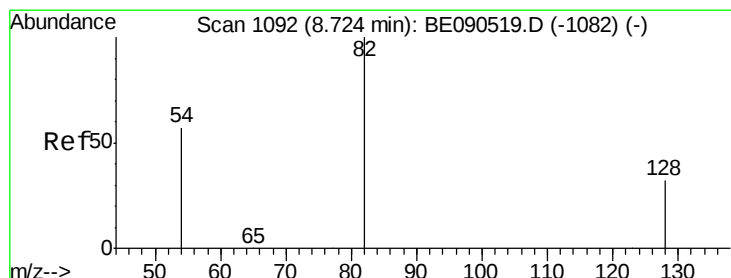
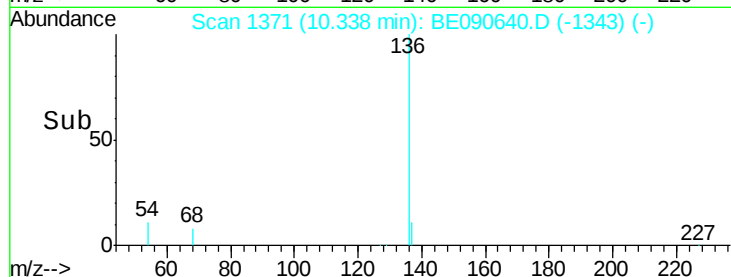
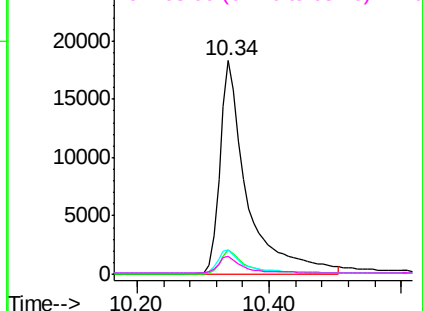


Abundance Ion 136.00 (135.70 to 136.70): E

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: 3.27 ng

RT: 8.74 min Scan# 1096

Delta R.T. 0.02 min

Lab File: BE090640.D

Acq: 26 Aug 2015 16:53

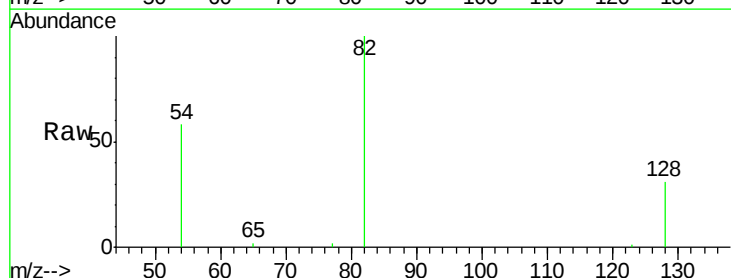
Tgt Ion: 82 Resp: 13562

Ion Ratio Lower Upper

82 100

128 31.1 25.0 37.6

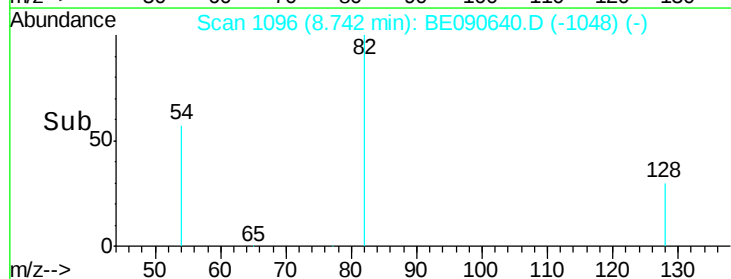
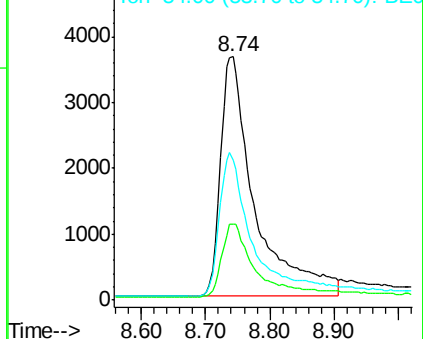
54 57.7 48.8 73.2

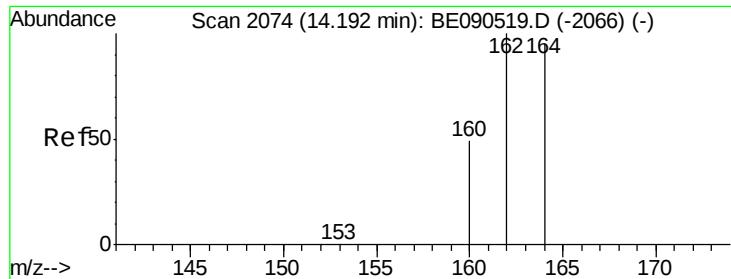


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#12

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.20 min Scan# 2075

Delta R.T. 0.01 min

Lab File: BE090640.D

Acq: 26 Aug 2015 16:53

Instrument :

BNA_E

ClientSampleId :

082515-D534-E-U-M

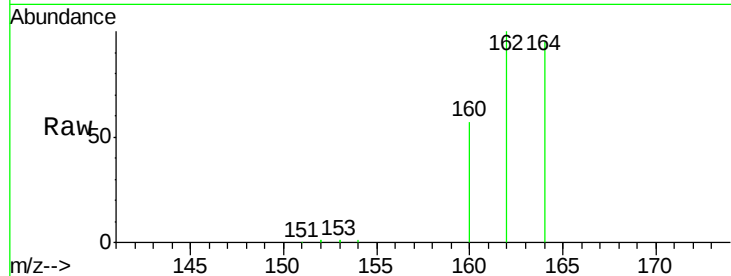
Tgt Ion:164 Resp: 29844

Ion Ratio Lower Upper

164 100

162 104.8 81.8 122.8

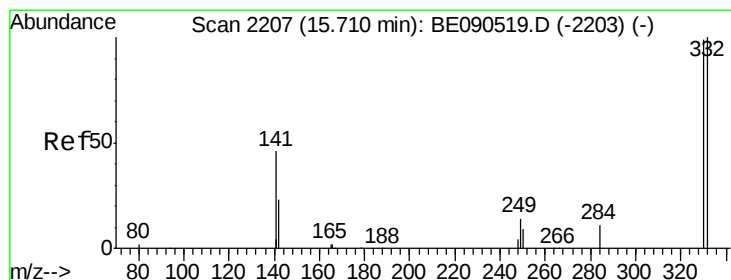
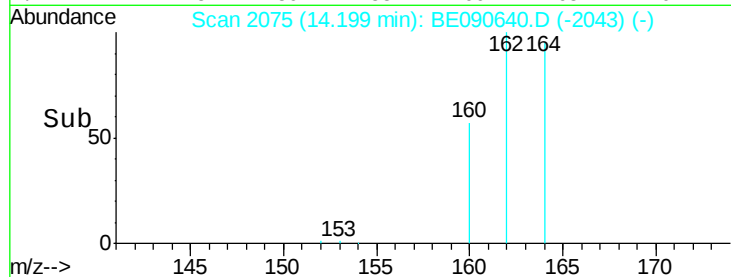
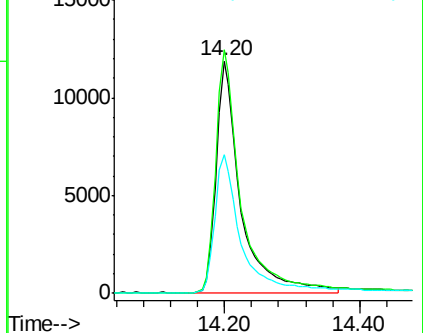
160 59.8 44.2 66.4



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: 8.23 ng

RT: 15.71 min Scan# 2207

Delta R.T. 0.00 min

Lab File: BE090640.D

Acq: 26 Aug 2015 16:53

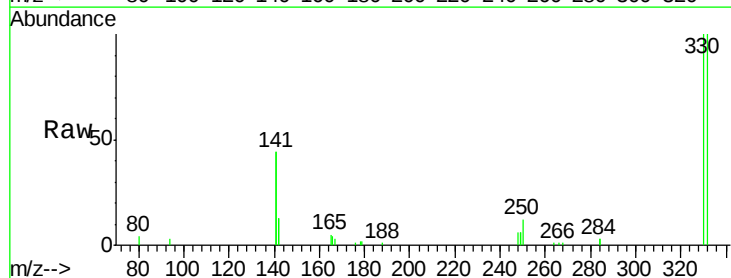
Tgt Ion:330 Resp: 9449

Ion Ratio Lower Upper

330 100

332 96.8 75.8 113.6

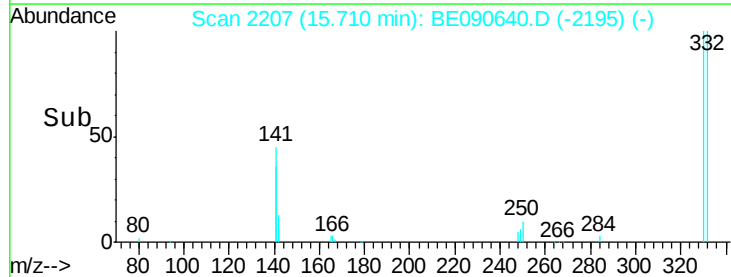
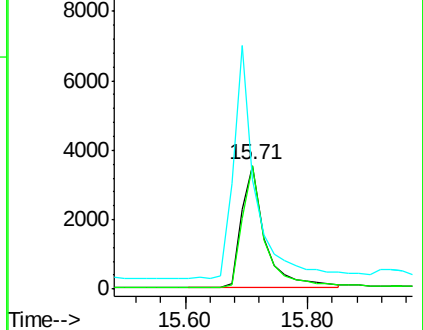
141 179.4 114.4 171.6#

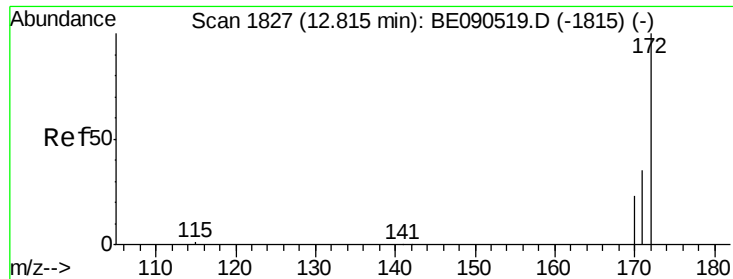


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

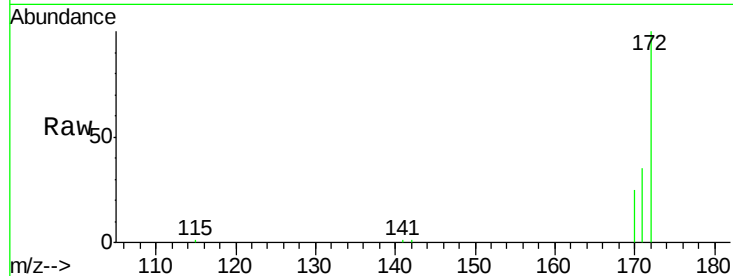




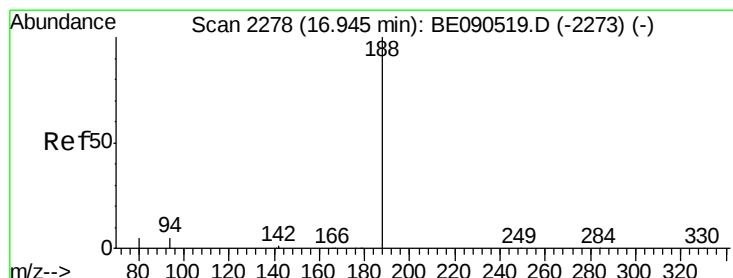
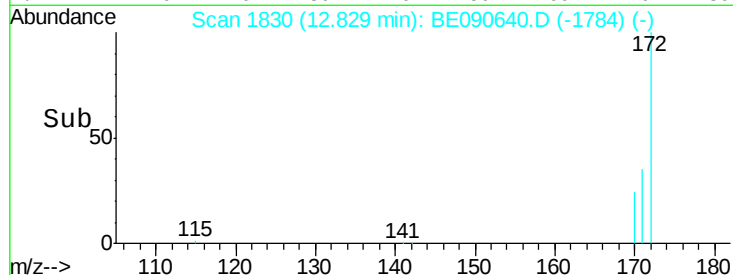
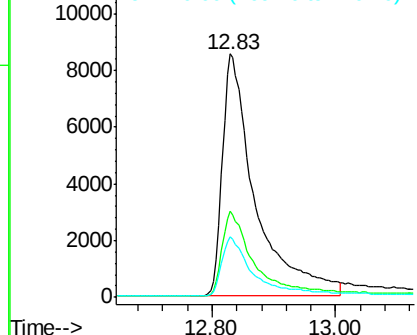
#14
2-Fluorobiphenyl
Concen: 3.57 ng
RT: 12.83 min Scan# 1830
Delta R.T. 0.01 min
Lab File: BE090640.D
Acq: 26 Aug 2015 16:53

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

Tgt Ion:172 Resp: 31854
Ion Ratio Lower Upper
172 100
171 35.5 28.5 42.7
170 24.6 19.8 29.8

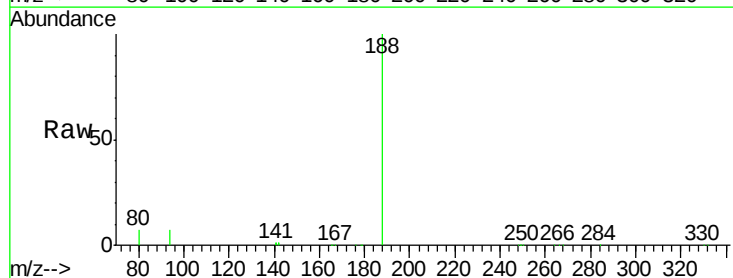


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

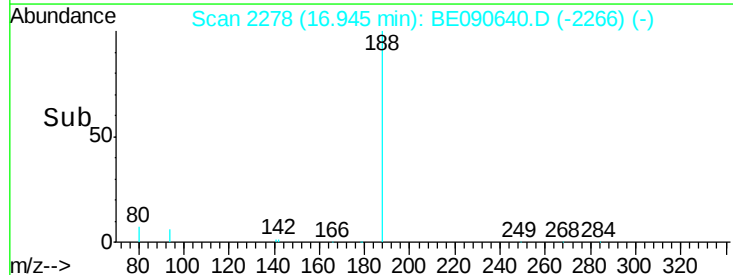
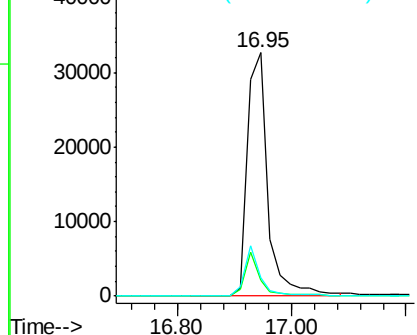


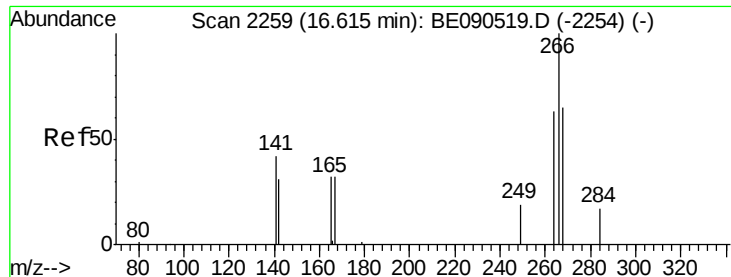
#18
Phenanthrene-d10
Concen: 5.00 ng
RT: 16.95 min Scan# 2278
Delta R.T. 0.00 min
Lab File: BE090640.D
Acq: 26 Aug 2015 16:53

Tgt Ion:188 Resp: 81110
Ion Ratio Lower Upper
188 100
94 6.7 5.7 8.5
80 7.3 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: 0.30 ng

RT: 16.60 min Scan# 2258

Delta R.T. -0.02 min

Lab File: BE090640.D

Acq: 26 Aug 2015 16:53

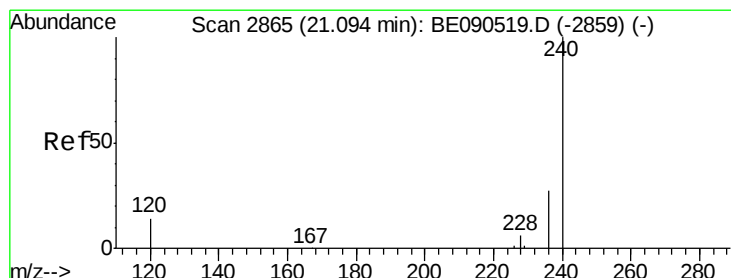
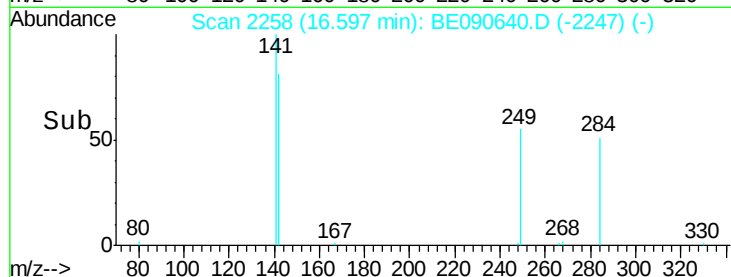
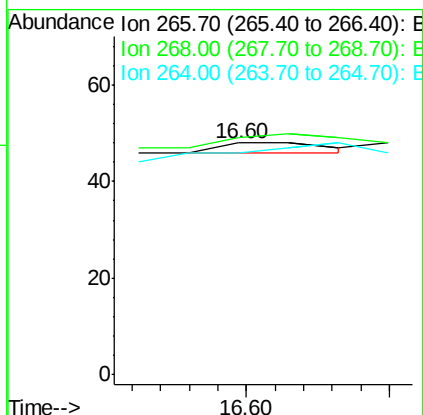
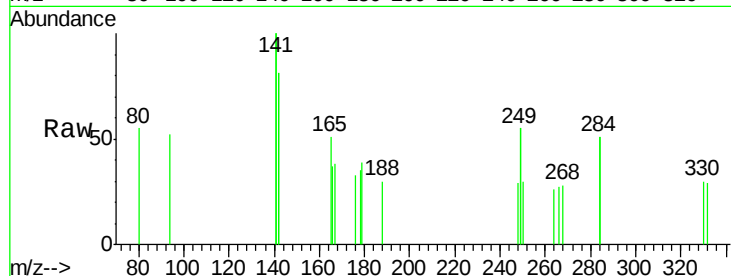
Instrument :

BNA_E

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Tgt Ion:	266	Resp:	5
Ion	Ratio	Lower	Upper
266	100		
268	102.1	58.5	87.7#
264	95.8	56.0	84.0#



#25

Chrysene-d12

Concen: 5.00 ng

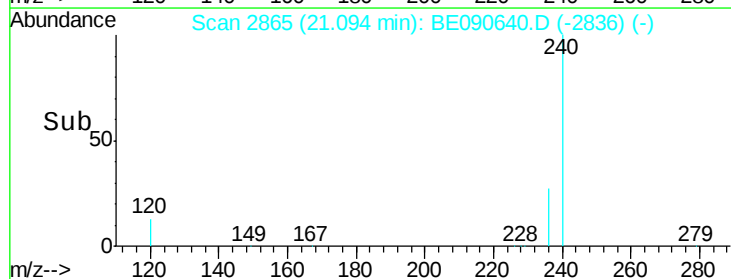
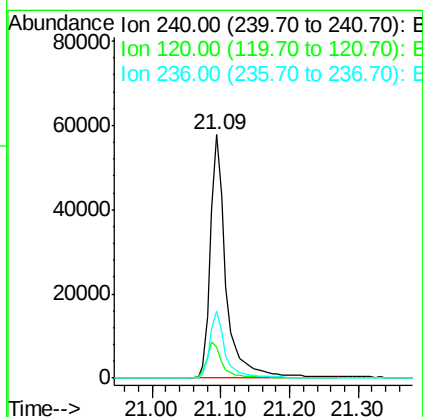
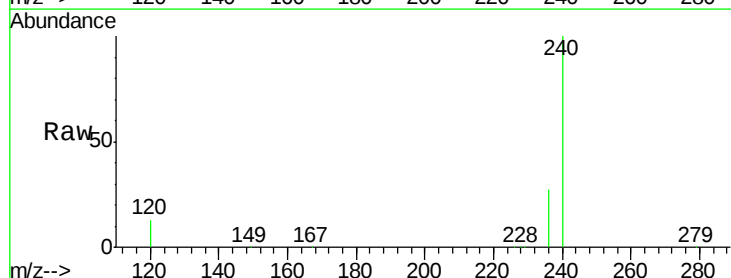
RT: 21.09 min Scan# 2865

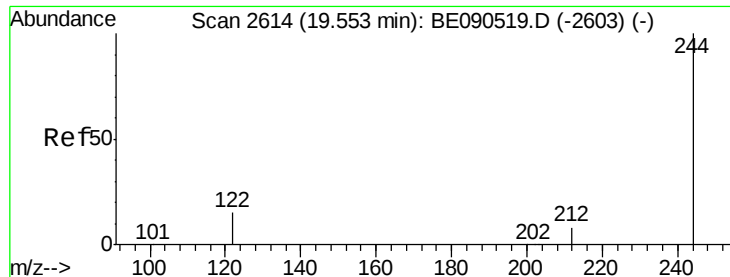
Delta R.T. -0.00 min

Lab File: BE090640.D

Acq: 26 Aug 2015 16:53

Tgt Ion:	240	Resp:	91224
Ion	Ratio	Lower	Upper
240	100		
120	12.9	8.3	12.5#
236	27.4	21.0	31.4





#27

Terphenyl-d14

Concen: 4.34 ng

RT: 19.55 min Scan# 2614

Delta R.T. -0.00 min

Lab File: BE090640.D

Acq: 26 Aug 2015 16:53

Instrument :

BNA_E

ClientSampleId :

082515-D534-E-U-M

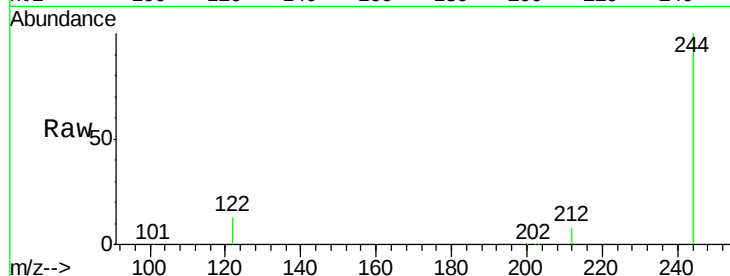
Tgt Ion:244 Resp: 72477

Ion Ratio Lower Upper

244 100

212 8.0 6.6 9.8

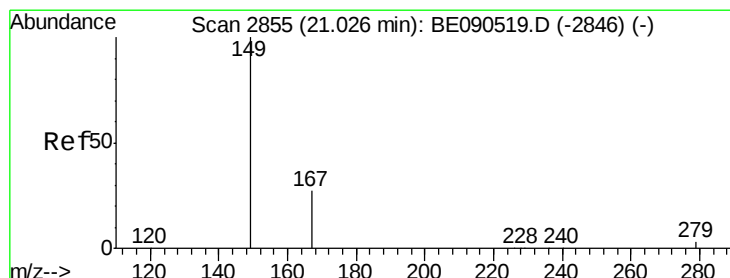
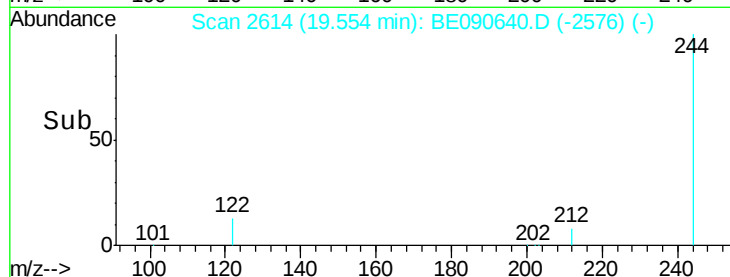
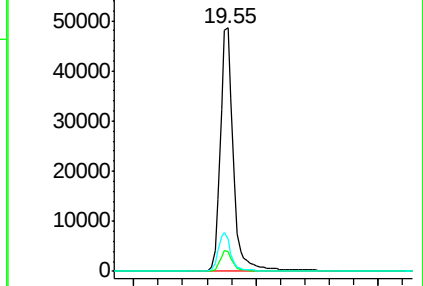
122 13.2 10.2 15.4



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: 0.18 ng

RT: 21.02 min Scan# 2854

Delta R.T. -0.00 min

Lab File: BE090640.D

Acq: 26 Aug 2015 16:53

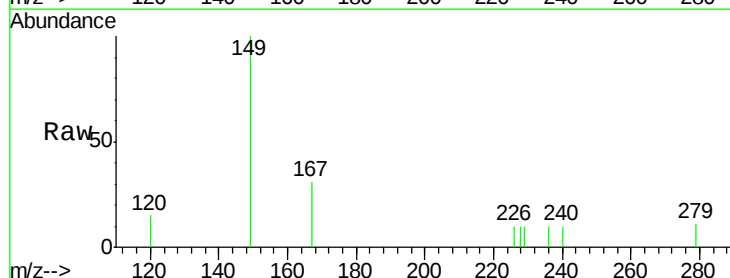
Tgt Ion:149 Resp: 613

Ion Ratio Lower Upper

149 100

167 20.9 19.8 29.8

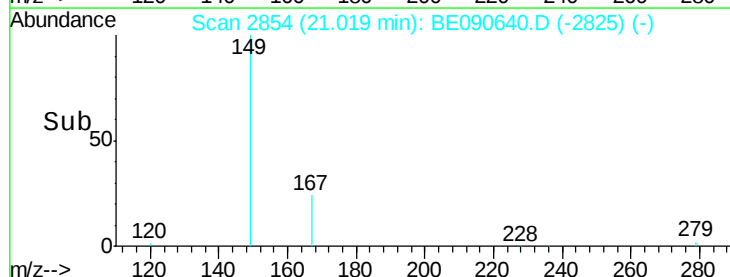
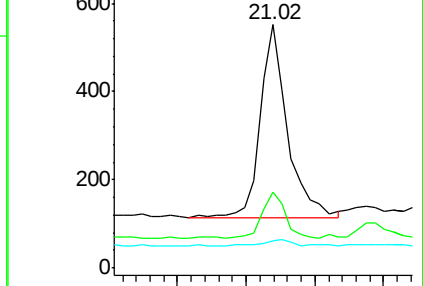
279 3.4 2.4 3.6

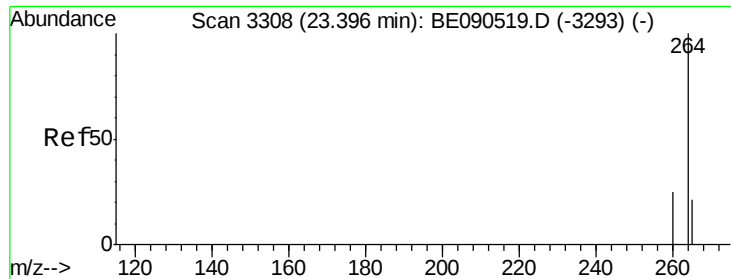


Abundance Ion 149.00 (148.70 to 149.70): E

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: 23.40 min Scan# 3308

Delta R.T. -0.00 min

Lab File: BE090640.D

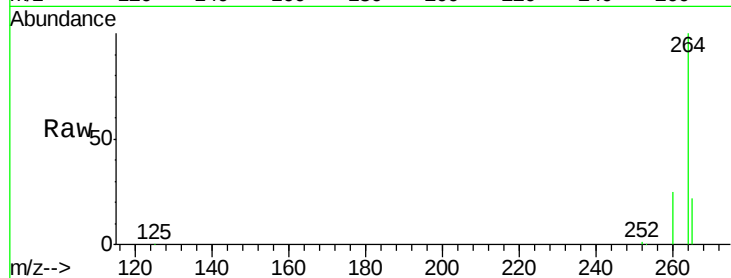
Acq: 26 Aug 2015 16:53

Instrument :

BNA_E

ClientSampleId :

082515-D534-E-U-M



Tgt Ion:264 Resp: 77518

Ion Ratio Lower Upper

264 100

260 25.2 20.1 30.1

265 22.0 17.2 25.8

