

Data Path : Z:\HPCHEM1\BNA_E\Data\BE012815\
 Data File : BE089402.D
 Acq On : 28 Jan 2015 23:48
 Operator : TP/IZ
 Sample : PB81408BL
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB81408BL

Quant Time: Jan 29 05:15:58 2015
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SIM-BE012815.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 29 04:21:19 2015
 Response via : Initial Calibration

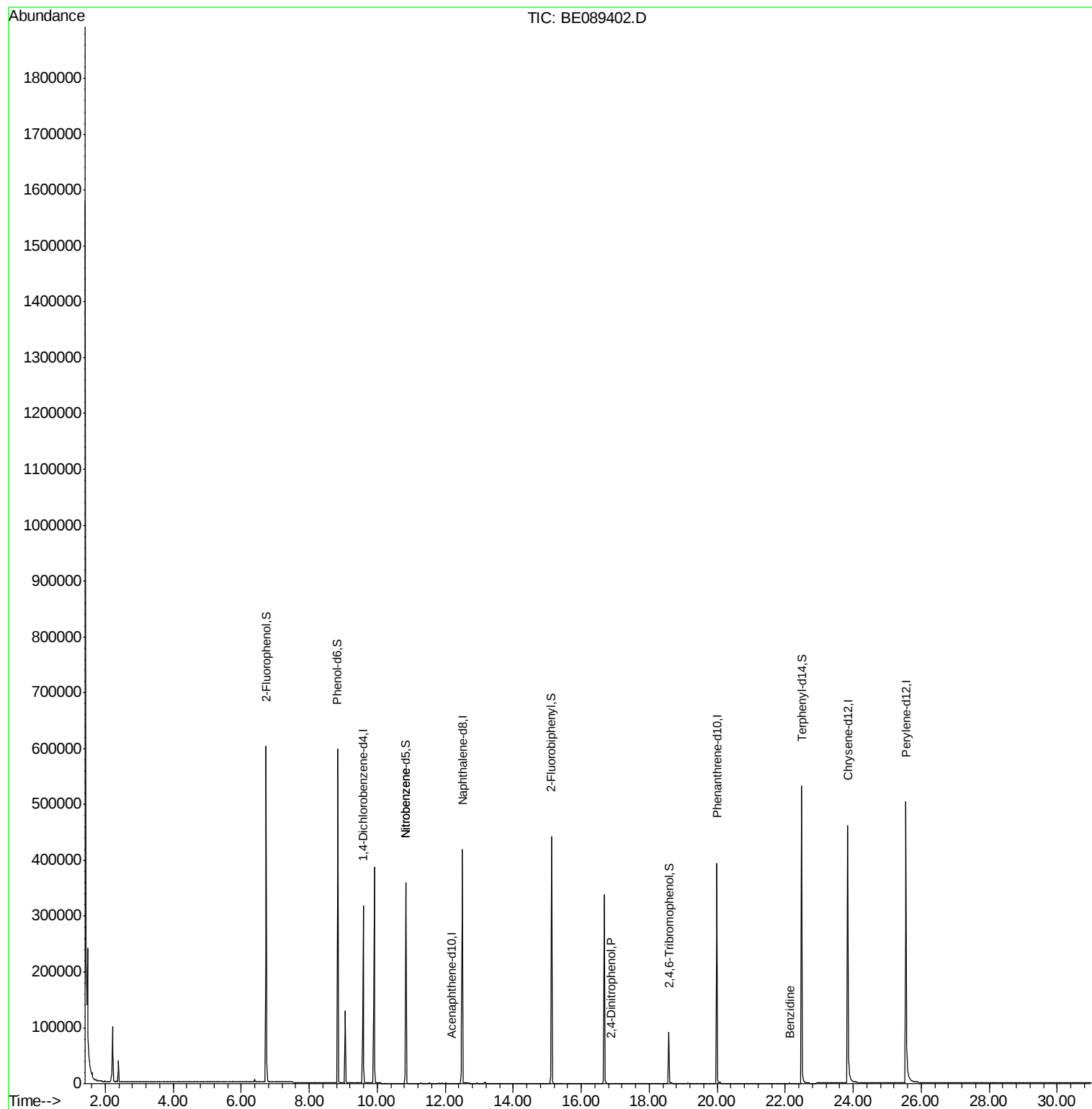
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	9.58	152	138815	5.00	ng	0.00
7) Naphthalene-d8	12.50	136	483437	5.00	ng	0.00
13) Acenaphthene-d10	12.20	164	28	5.00	ng	0.00
17) Phenanthrene-d10	19.99	188	375503	5.00	ng	0.00
20) Chrysene-d12	23.84	240	502746	5.00	ng	0.00
27) Perylene-d12	25.55	264	556659	5.00	ng	0.00
System Monitoring Compounds						
3) 2-Fluorophenol	6.73	112	412502	9.51	ng	0.00
4) Phenol-d6	8.84	99	518735	9.70	ng	0.00
8) Nitrobenzene-d5	10.84	82	265492	7.79	ng	0.00
14) 2,4,6-Tribromophenol	18.58	330	51470	2180.16	ng	0.00
15) 2-Fluorobiphenyl	15.13	172	414993	1402.48	ng	0.00
22) Terphenyl-d14	22.48	244	462132	8.30	ng	0.00
Target Compounds						
9) Nitrobenzene	10.85	77	771	0.02	ng	# 36
16) 2,4-Dinitrophenol	16.87	184	5	3.43	ng	# 17
21) Benzidine	22.14	184	1206	0.02	ng	# 83

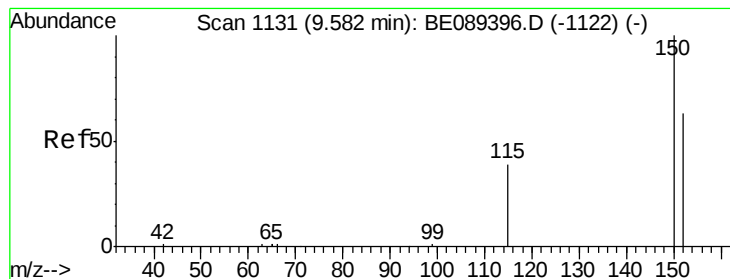
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 9.58 min Scan# 1131

Delta R.T. 0.00 min

Lab File: BE089402.D

Acq: 28 Jan 2015 23:48

Instrument :

BNA_E

ClientSampleId :

PB81408BL

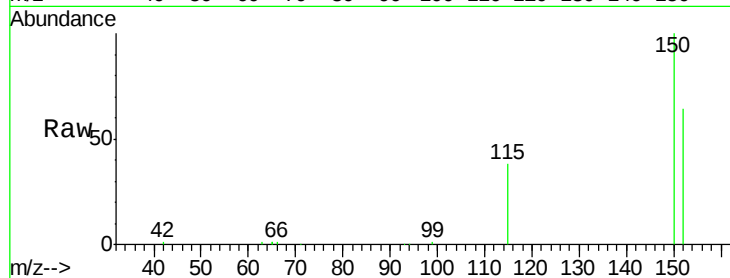
Tgt Ion:152 Resp: 138815

Ion Ratio Lower Upper

152 100

150 155.3 127.2 190.8

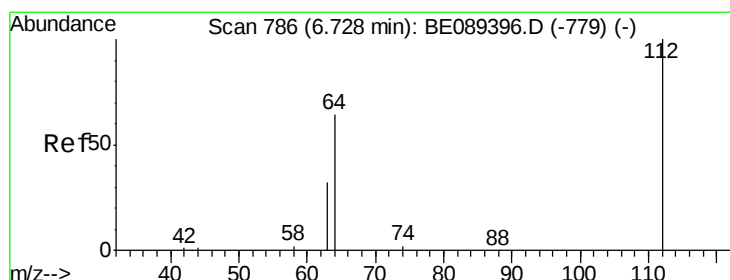
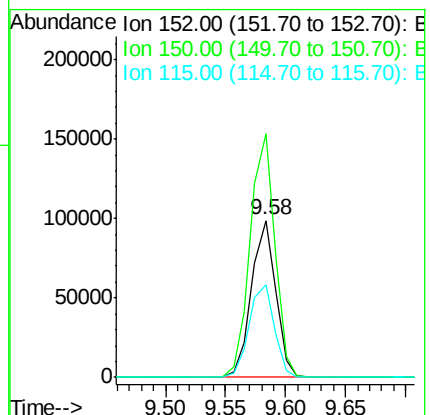
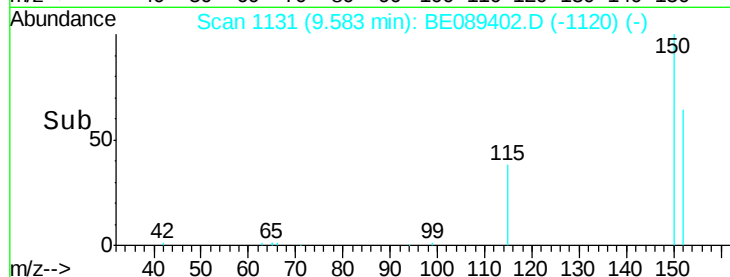
115 59.0 49.3 73.9



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



#3

2-Fluorophenol

Concen: 9.51 ng

RT: 6.73 min Scan# 786

Delta R.T. 0.00 min

Lab File: BE089402.D

Acq: 28 Jan 2015 23:48

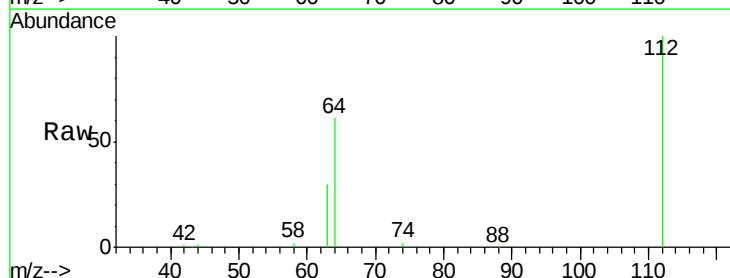
Tgt Ion:112 Resp: 412502

Ion Ratio Lower Upper

112 100

64 61.2 51.7 77.5

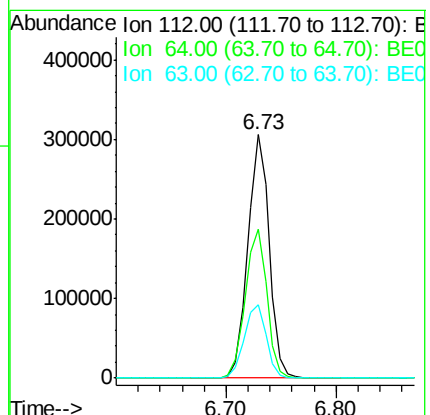
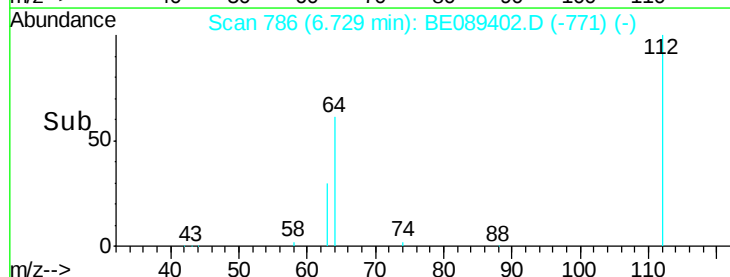
63 30.1 25.7 38.5

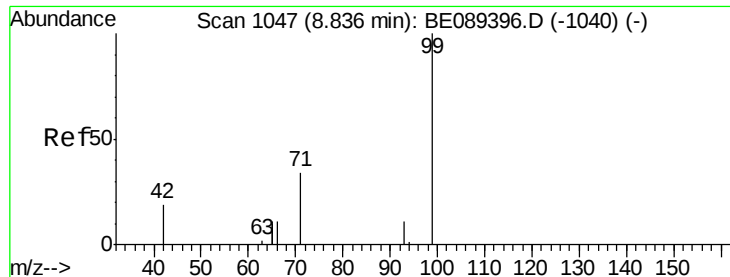


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#4

Phenol-d6

Concen: 9.70 ng

RT: 8.84 min Scan# 1047

Delta R.T. 0.00 min

Lab File: BE089402.D

Acq: 28 Jan 2015 23:48

Instrument :

BNA_E

ClientSampleId :

PB81408BL

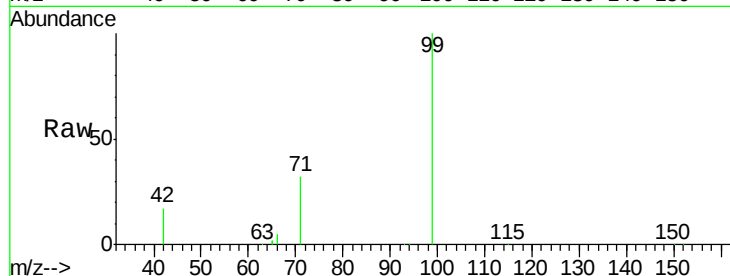
Tgt Ion: 99 Resp: 518735

Ion Ratio Lower Upper

99 100

42 17.2 15.3 22.9

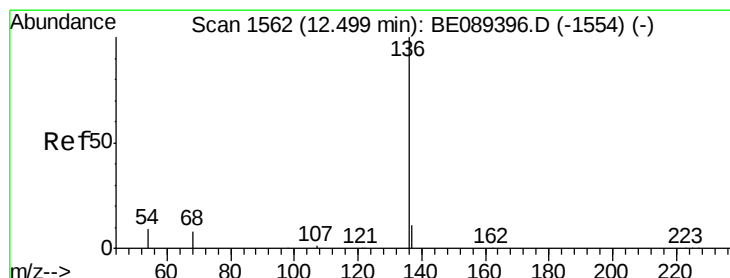
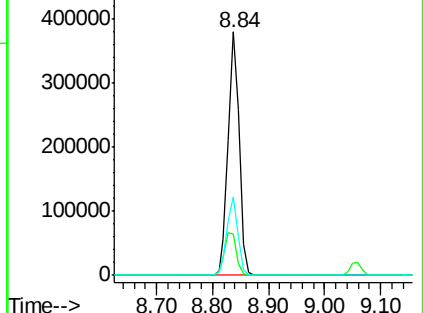
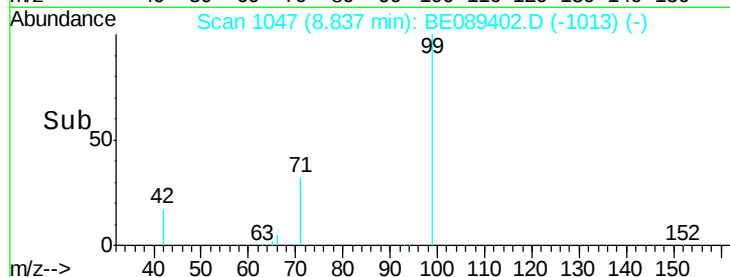
71 32.2 27.0 40.6



Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0



#7

Naphthalene-d8

Concen: 5.00 ng

RT: 12.50 min Scan# 1562

Delta R.T. 0.00 min

Lab File: BE089402.D

Acq: 28 Jan 2015 23:48

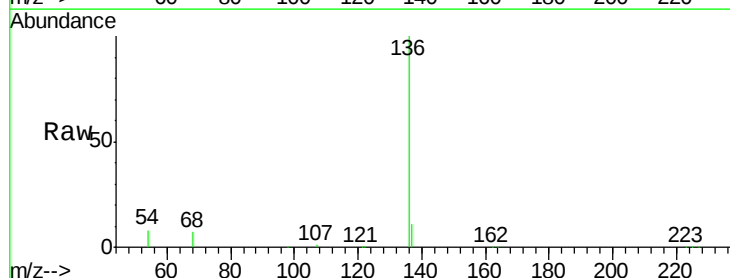
Tgt Ion: 136 Resp: 483437

Ion Ratio Lower Upper

136 100

137 10.9 8.7 13.1

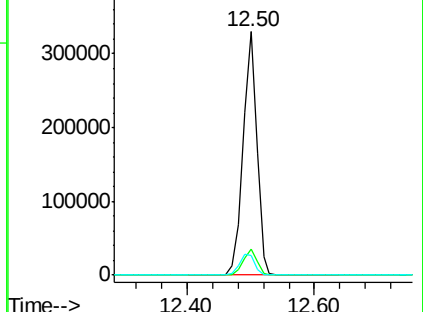
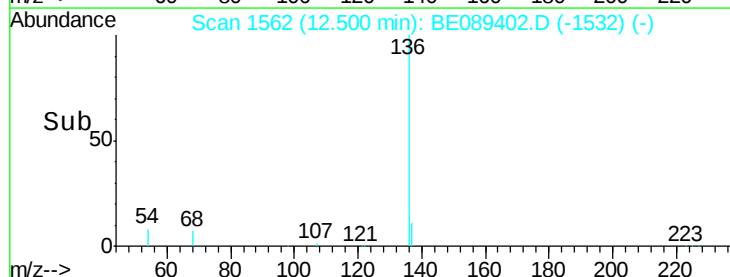
54 8.2 7.4 11.0

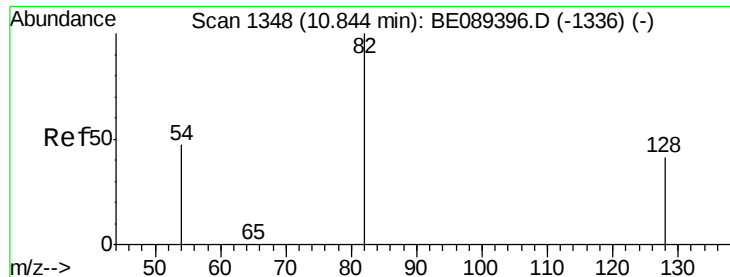


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BE0





#8

Nitrobenzene-d5

Concen: 7.79 ng

RT: 10.84 min Scan# 1348

Delta R.T. -0.00 min

Lab File: BE089402.D

Acq: 28 Jan 2015 23:48

Instrument :

BNA_E

ClientSampleId :

PB81408BL

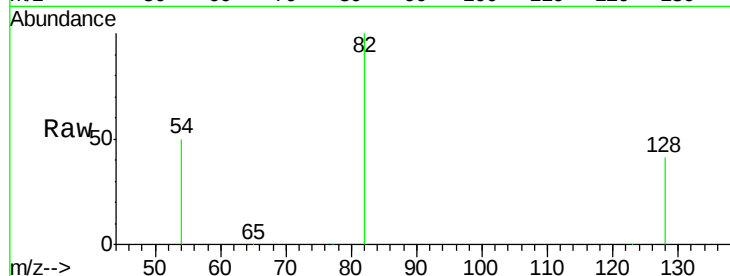
Tgt Ion: 82 Resp: 265492

Ion Ratio Lower Upper

82 100

128 40.9 33.6 50.4

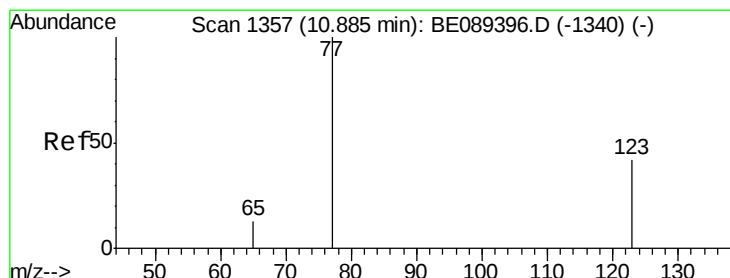
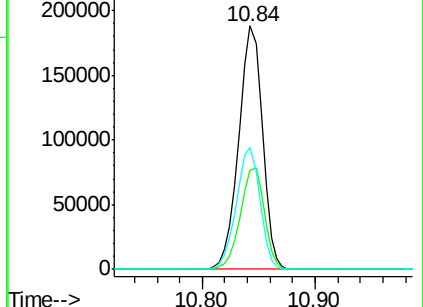
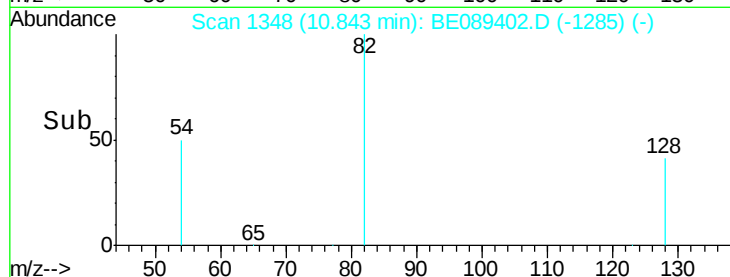
54 49.9 37.7 56.5



Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): BE0

Ion 54.00 (53.70 to 54.70): BE0



#9

Nitrobenzene

Concen: 0.02 ng

RT: 10.85 min Scan# 1349

Delta R.T. -0.04 min

Lab File: BE089402.D

Acq: 28 Jan 2015 23:48

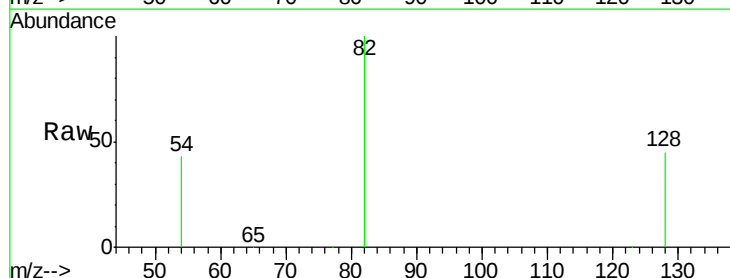
Tgt Ion: 77 Resp: 771

Ion Ratio Lower Upper

77 100

123 0.0 34.7 52.1#

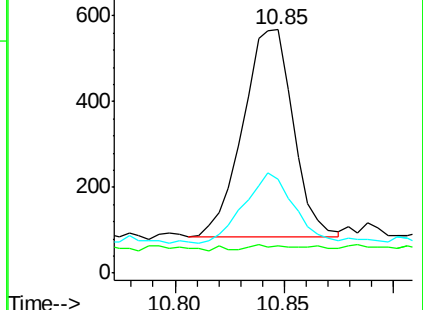
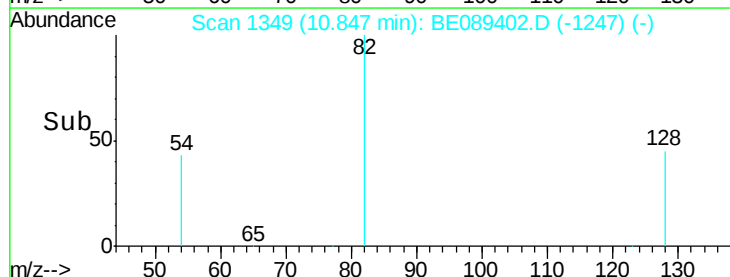
65 34.1 10.6 15.8#

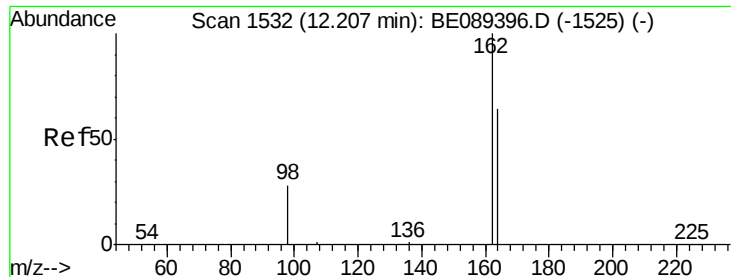


Abundance Ion 77.00 (76.70 to 77.70): BE0

Ion 123.00 (122.70 to 123.70): BE0

Ion 65.00 (64.70 to 65.70): BE0

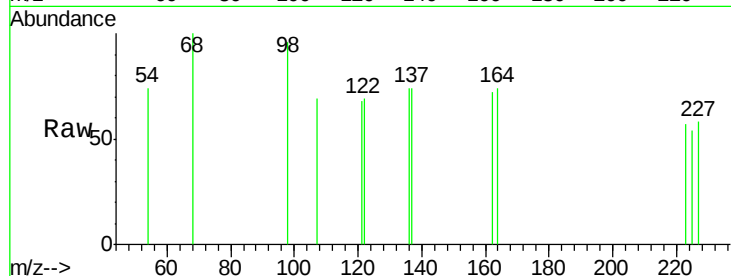




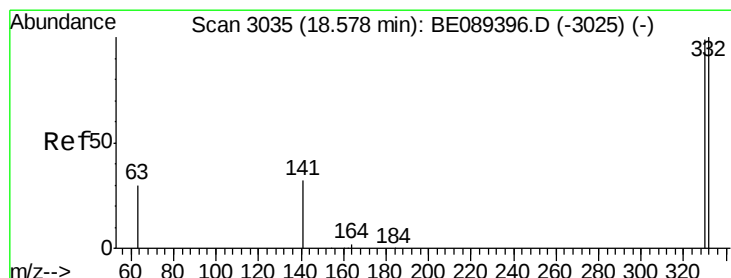
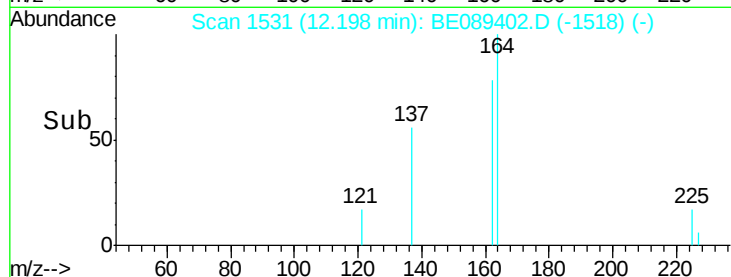
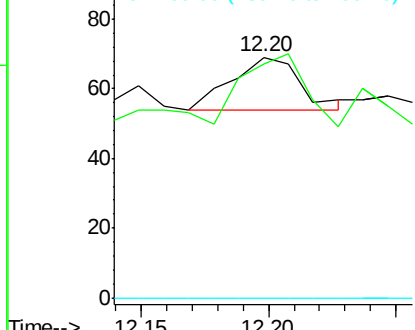
#13
Acenaphthene-d10
Concen: 5.00 ng
RT: 12.20 min Scan# 1531
Delta R.T. -0.01 min
Lab File: BE089402.D
Acq: 28 Jan 2015 23:48

Instrument :
BNA_E
ClientSampleId :
PB81408BL

Tgt Ion:164 Resp: 28
Ion Ratio Lower Upper
164 100
162 97.1 123.9 185.9#
160 0.0 0.0 0.0

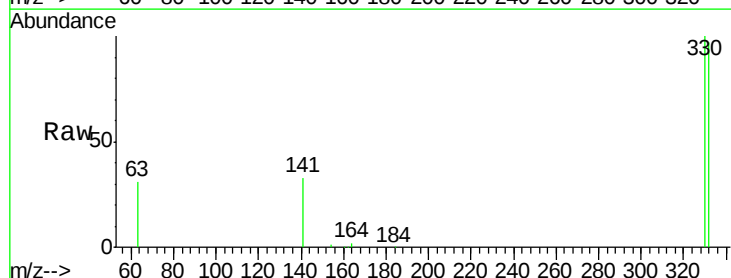


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

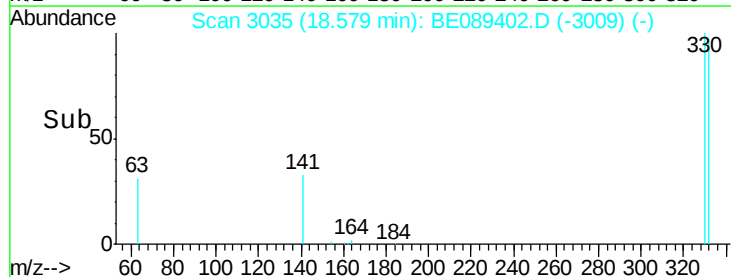
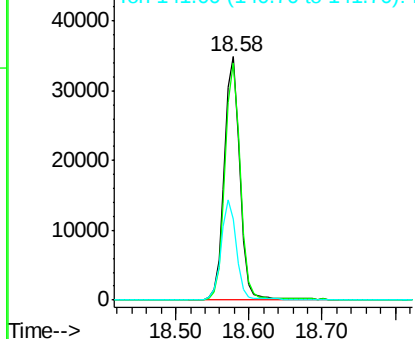


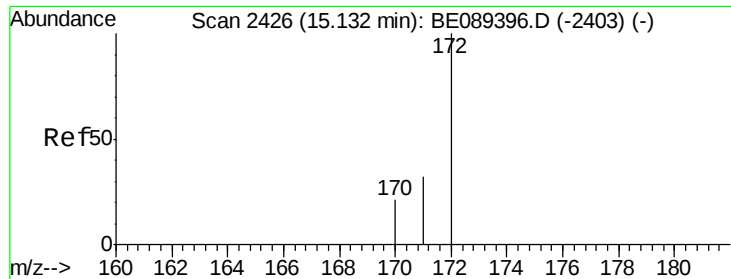
#14
2,4,6-Tribromophenol
Concen: 2180.16 ng
RT: 18.58 min Scan# 3035
Delta R.T. 0.00 min
Lab File: BE089402.D
Acq: 28 Jan 2015 23:48

Tgt Ion:330 Resp: 51470
Ion Ratio Lower Upper
330 100
332 96.4 77.5 116.3
141 40.4 32.4 48.6



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

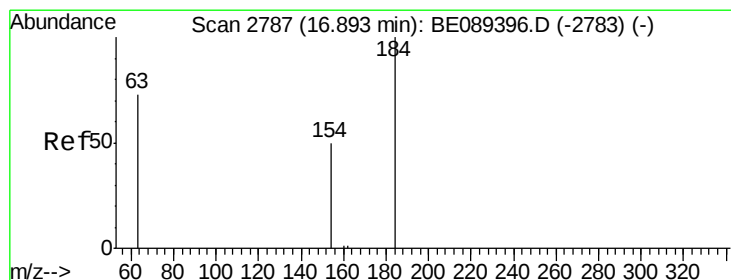
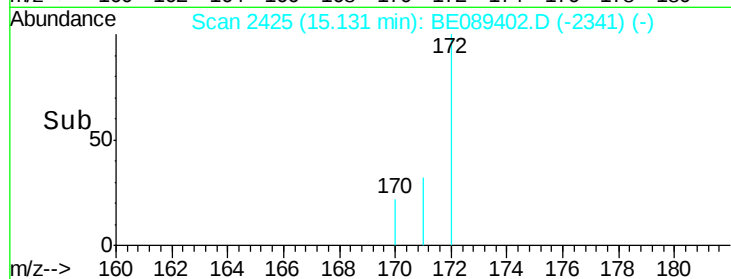
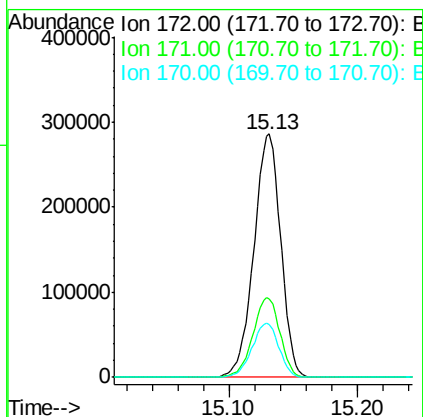
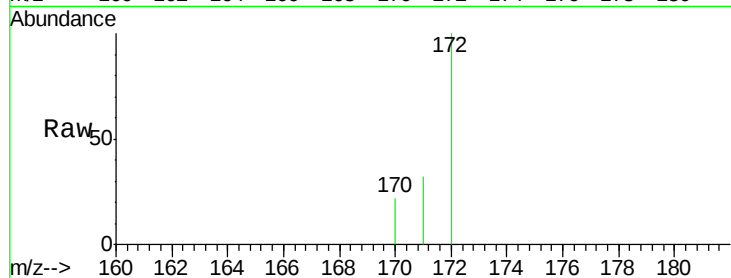




#15
 2-Fluorobiphenyl
 Concen: 1402.48 ng
 RT: 15.13 min Scan# 2425
 Delta R.T. -0.00 min
 Lab File: BE089402.D
 Acq: 28 Jan 2015 23:48

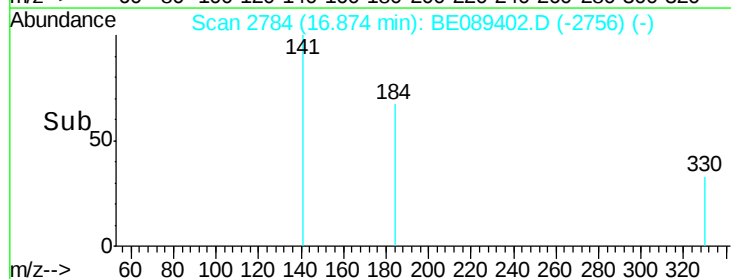
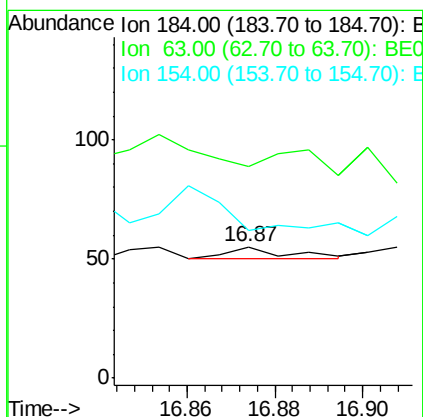
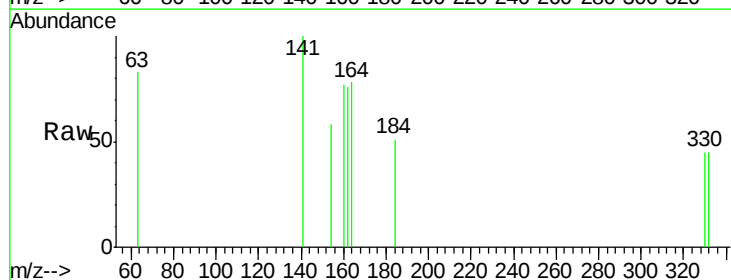
Instrument :
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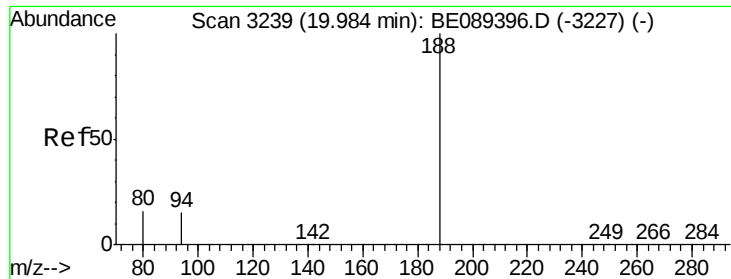
Tgt Ion:172 Resp: 414993
 Ion Ratio Lower Upper
 172 100
 171 32.5 25.6 38.4
 170 21.8 17.0 25.4



#16
 2,4-Dinitrophenol
 Concen: 3.43 ng
 RT: 16.87 min Scan# 2784
 Delta R.T. -0.02 min
 Lab File: BE089402.D
 Acq: 28 Jan 2015 23:48

Tgt Ion:184 Resp: 5
 Ion Ratio Lower Upper
 184 100
 63 161.8 66.9 100.3#
 154 112.7 45.1 67.7#

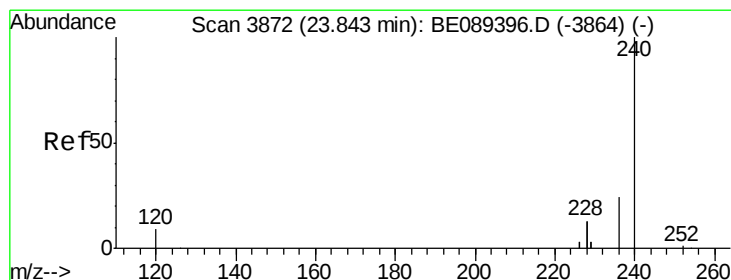
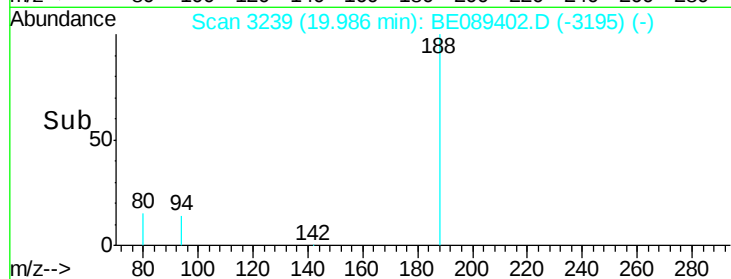
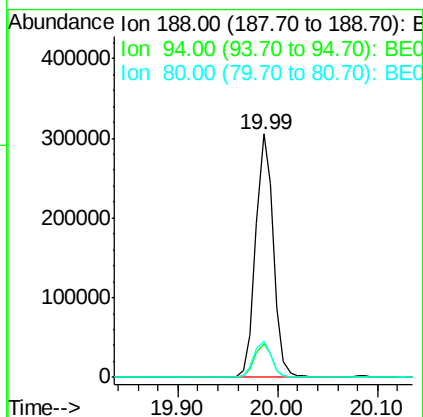
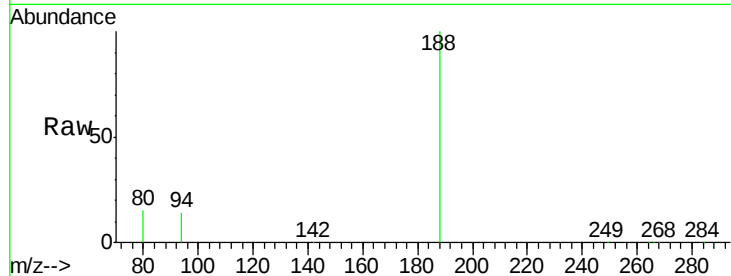




#17
Phenanthrene-d10
Concen: 5.00 ng
RT: 19.99 min Scan# 3239
Delta R.T. 0.00 min
Lab File: BE089402.D
Acq: 28 Jan 2015 23:48

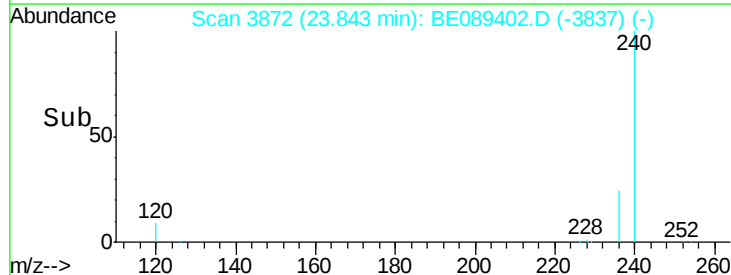
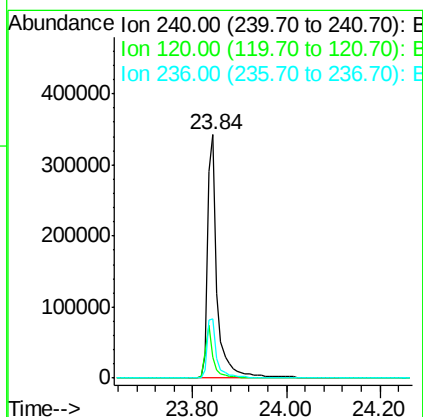
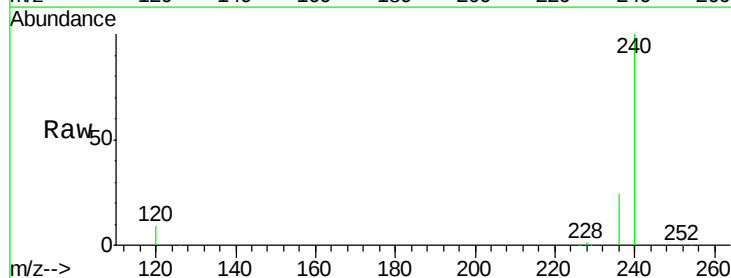
Instrument :
BNA_E
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PB81408BL

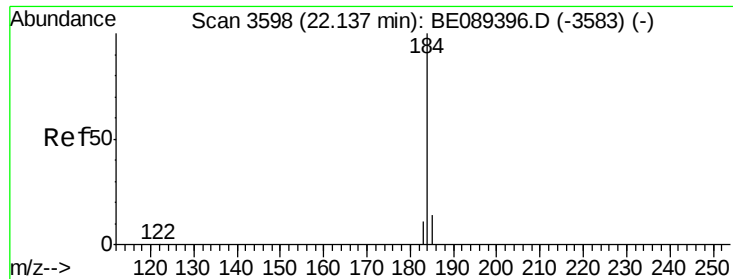
Tgt Ion:188 Resp: 375503
Ion Ratio Lower Upper
188 100
94 14.0 12.0 18.0
80 15.0 13.2 19.8



#20
Chrysene-d12
Concen: 5.00 ng
RT: 23.84 min Scan# 3872
Delta R.T. -0.00 min
Lab File: BE089402.D
Acq: 28 Jan 2015 23:48

Tgt Ion:240 Resp: 502746
Ion Ratio Lower Upper
240 100
120 8.8 7.1 10.7
236 24.4 19.5 29.3





#21

Benzidine

Concen: 0.02 ng

RT: 22.14 min Scan# 3598

Delta R.T. -0.00 min

Lab File: BE089402.D

Acq: 28 Jan 2015 23:48

Instrument :

BNA_E

ClientSampled :

PB81408BL

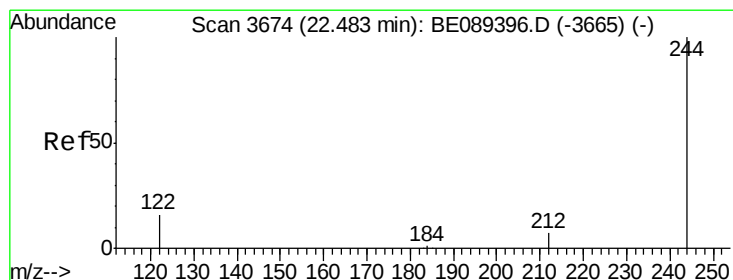
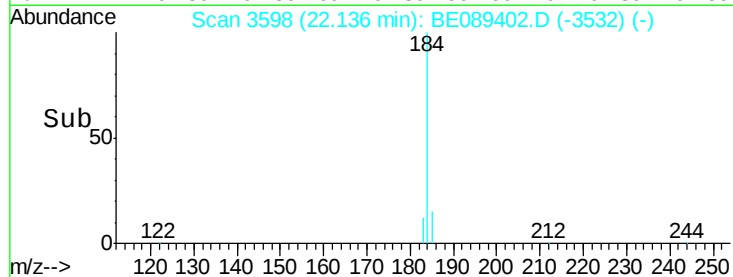
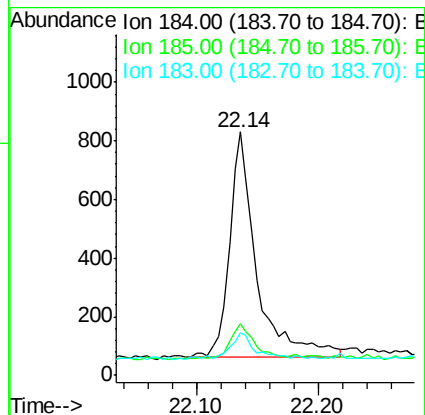
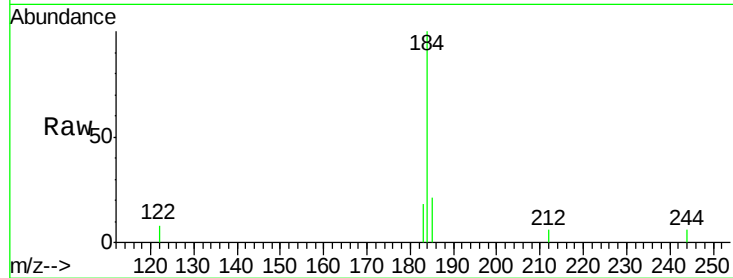
Tgt Ion:184 Resp: 1206

Ion Ratio Lower Upper

184 100

185 21.3 11.4 17.0#

183 17.6 8.7 13.1#



#22

Terphenyl-d14

Concen: 8.30 ng

RT: 22.48 min Scan# 3674

Delta R.T. -0.00 min

Lab File: BE089402.D

Acq: 28 Jan 2015 23:48

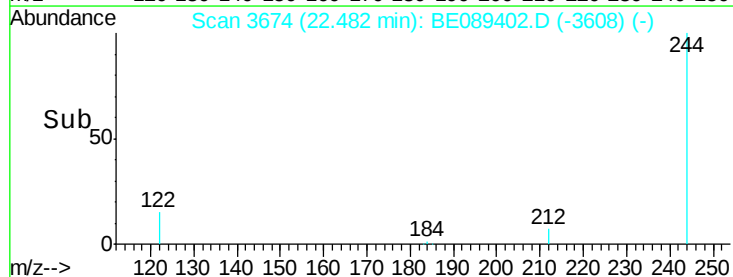
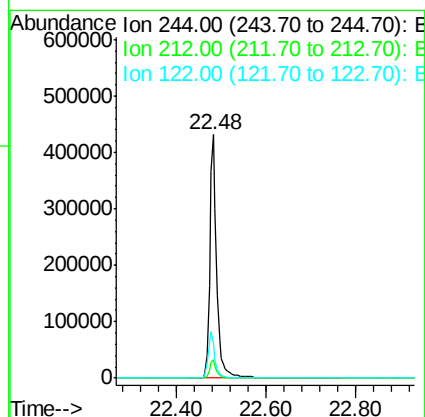
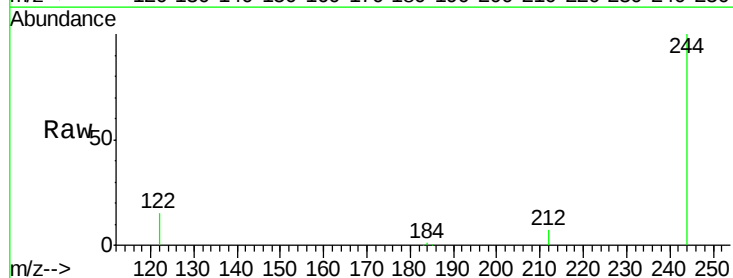
Tgt Ion:244 Resp: 462132

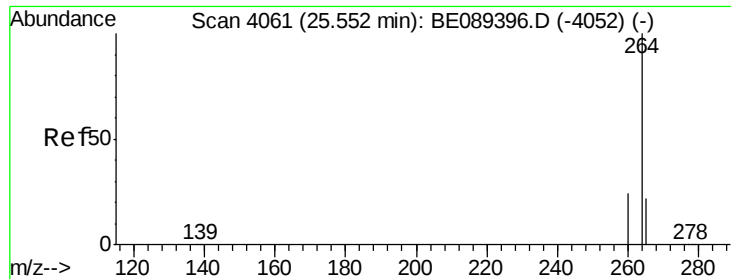
Ion Ratio Lower Upper

244 100

212 7.3 5.9 8.9

122 14.6 12.8 19.2





#27
Perylene-d12
Concen: 5.00 ng
RT: 25.55 min Scan# 4061
Delta R.T. -0.00 min
Lab File: BE089402.D
Acq: 28 Jan 2015 23:48

Instrument :
BNA_E
ClientSampleId :
PB81408BL

Tgt Ion: 264 Resp: 556659
Ion Ratio Lower Upper
264 100
260 23.6 18.9 28.3
265 21.7 17.5 26.3

