

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052815\
 Data File : BM001423.D
 Acq On : 28 May 2015 10:08
 Operator : TP/IZ
 Sample : SSTDICC010
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC010

Quant Time: May 28 15:39:29 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SIM-BM052815.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 28 15:25:05 2015
 Response via : Initial Calibration

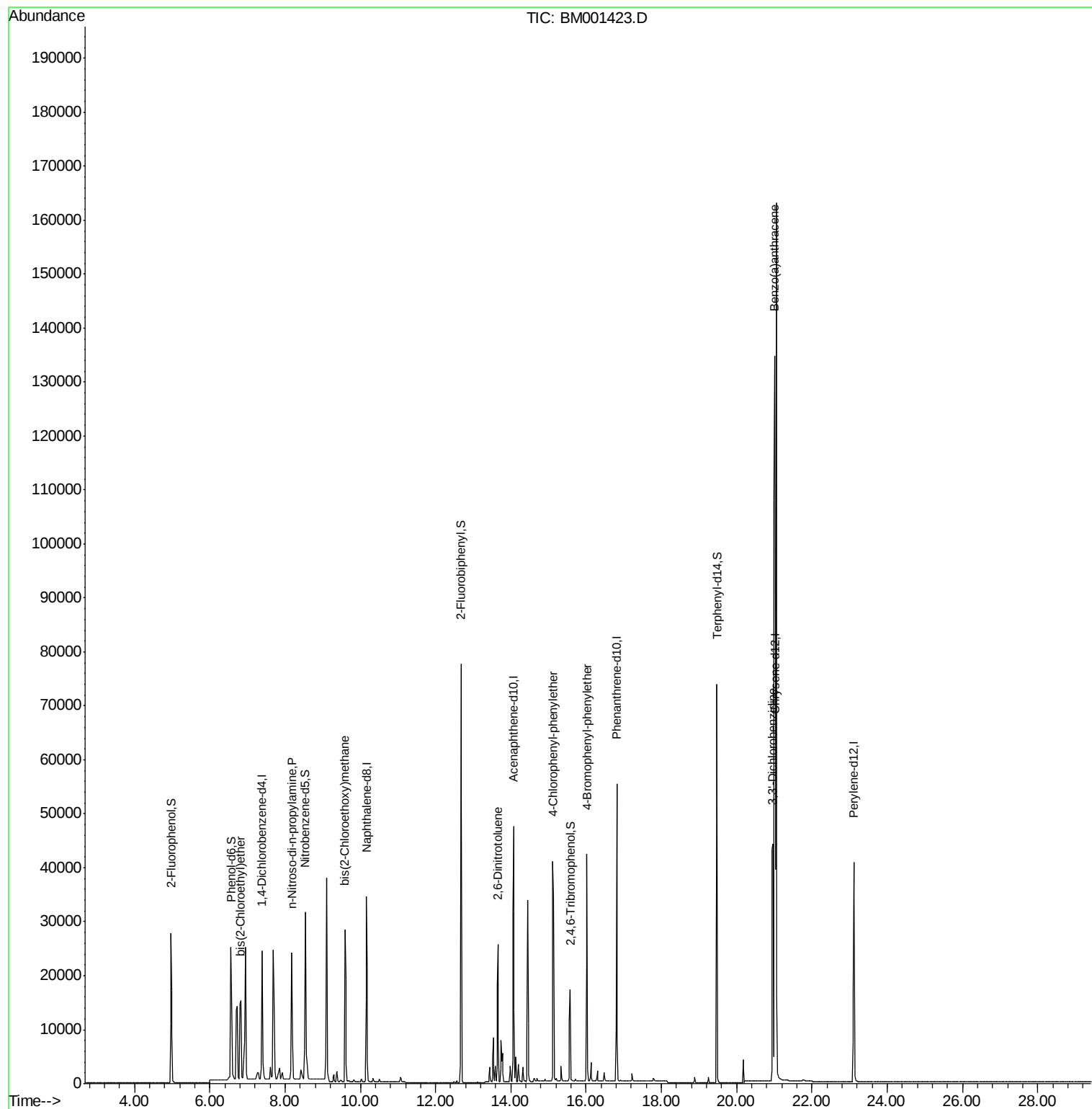
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.38	152	12467	5.00	ng	0.00
6) Naphthalene-d8	10.16	136	43697	5.00	ng	0.00
9) Acenaphthene-d10	14.07	164	26490	5.00	ng	0.00
15) Phenanthrene-d10	16.81	188	61486	5.00	ng	0.00
17) Chrysene-d12	21.03	240	54241	5.00	ng	0.00
21) Perylene-d12	23.12	264	47721	5.00	ng	0.00
System Monitoring Compounds						
2) 2-Fluorophenol	4.97	112	19871	9.93	ng	0.00
3) Phenol-d6	6.57	99	22348	10.98	ng	-0.03
7) Nitrobenzene-d5	8.53	82	27117	11.41	ng	0.00
10) 2,4,6-Tribromophenol	15.58	330	11252	13.90	ng	0.00
11) 2-Fluorobiphenyl	12.68	172	71813	9.62	ng	0.00
18) Terphenyl-d14	19.48	244	71854	10.70	ng	0.00
Target Compounds						
4) bis(2-Chloroethyl)ether	6.82	93	20041	8.91	ng	Qvalue 83
5) n-Nitroso-di-n-propylamine	8.18	70	16562	12.77	ng	# 94
8) bis(2-Chloroethoxy)methane	9.60	93	30211	12.92	ng	97
12) 2,6-Dinitrotoluene	13.66	165	16880	15.11	ng	# 83
14) 4-Chlorophenyl-phenylether	15.11	204	40253	9.93	ng	# 65
16) 4-Bromophenyl-phenylether	16.02	248	24928	10.32	ng	# 75
19) Benzo(a)anthracene	21.01	228	141104	42.77	ng	98
20) 3,3'-Dichlorobenzidine	20.95	252	47780	13.95	ng	# 72

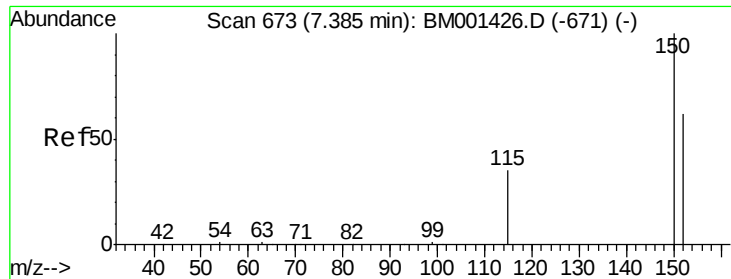
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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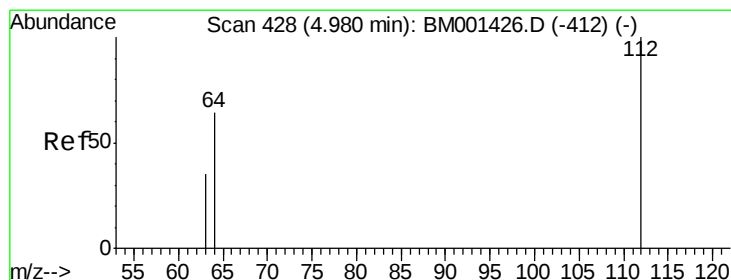
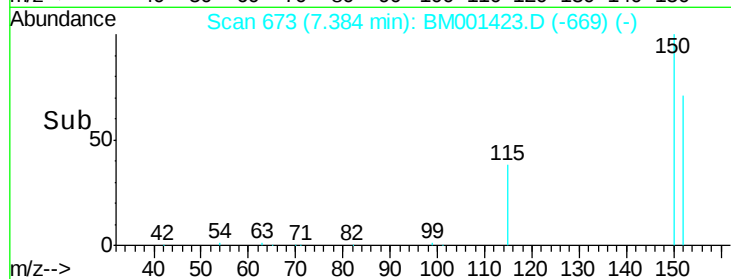
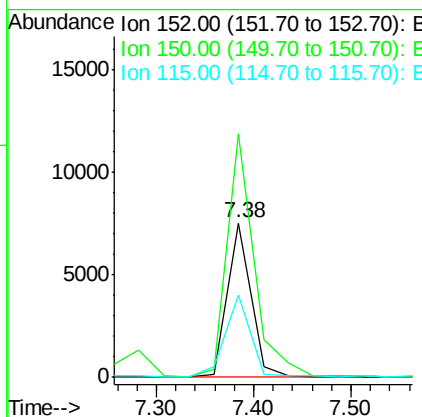
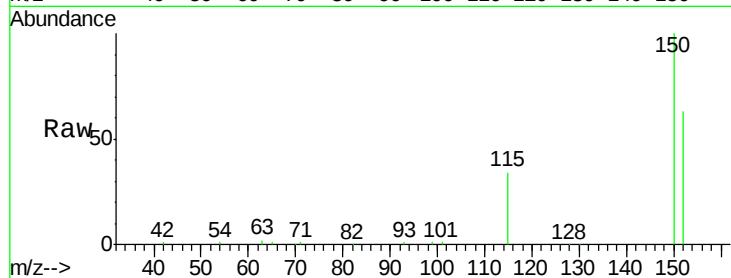




#1
 1,4-Dichlorobenzene-d4
 Concen: 5.00 ng
 RT: 7.38 min Scan# 673
 Delta R.T. -0.00 min
 Lab File: BM001423.D
 Acq: 28 May 2015 10:08

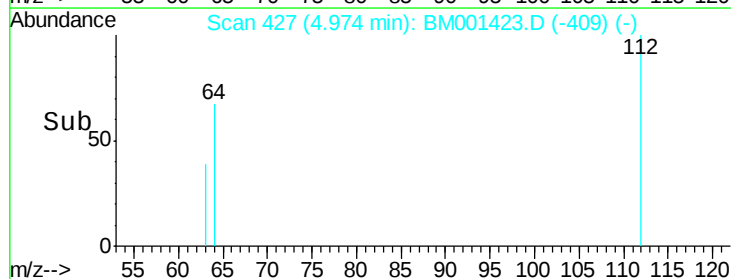
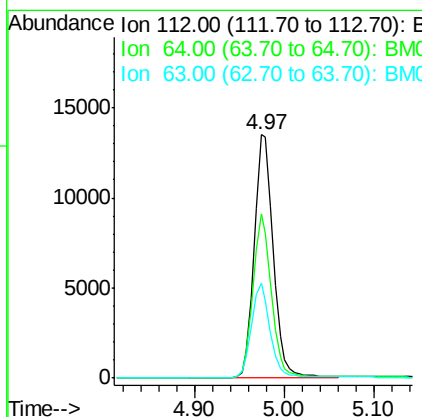
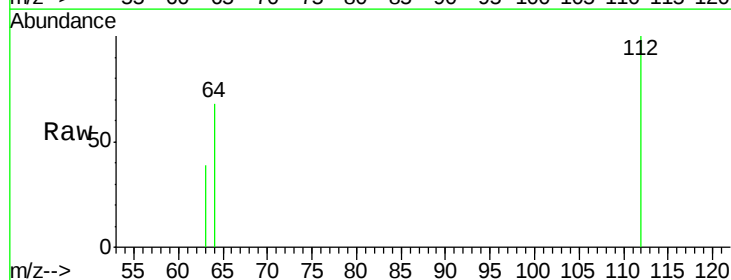
Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC010

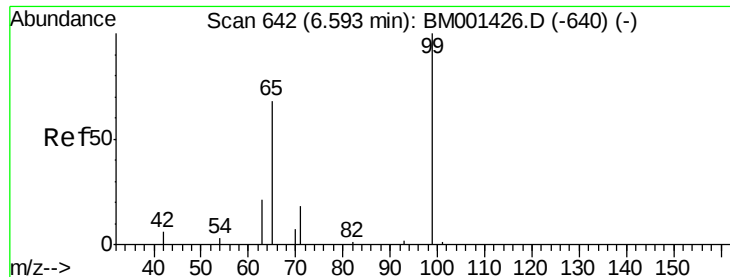
Tgt Ion:152 Resp: 12467
 Ion Ratio Lower Upper
 152 100
 150 157.7 128.4 192.6
 115 53.4 45.6 68.4



#2
 2-Fluorophenol
 Concen: 9.93 ng
 RT: 4.97 min Scan# 427
 Delta R.T. -0.01 min
 Lab File: BM001423.D
 Acq: 28 May 2015 10:08

Tgt Ion:112 Resp: 19871
 Ion Ratio Lower Upper
 112 100
 64 67.6 52.1 78.1
 63 39.1 30.2 45.2





#3

Phenol-d6

Concen: 10.98 ng

RT: 6.57 min Scan# 641

Delta R.T. -0.03 min

Lab File: BM001423.D

Acq: 28 May 2015 10:08

Instrument :

BNA_M

ClientSampleId :

SSTDICC010

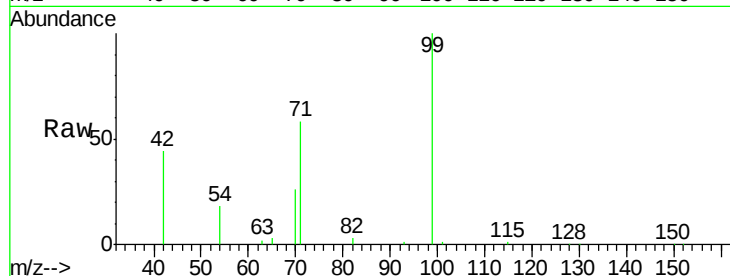
Tgt Ion: 99 Resp: 22348

Ion Ratio Lower Upper

99 100

42 44.0 13.7 20.5#

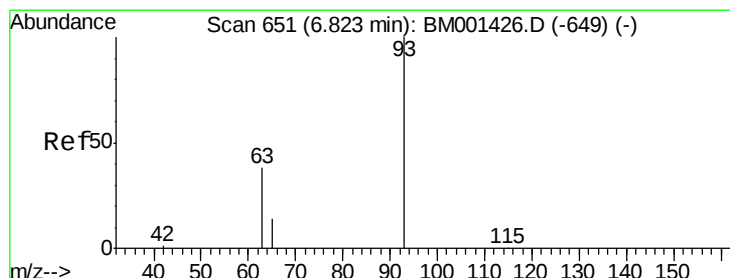
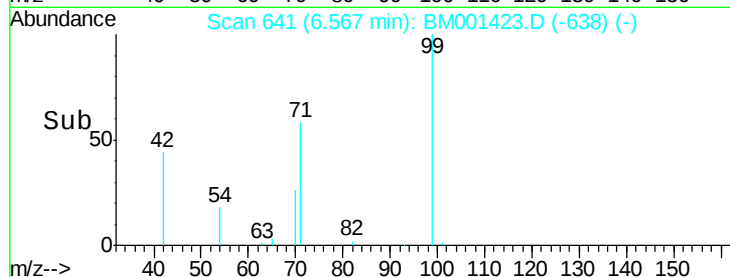
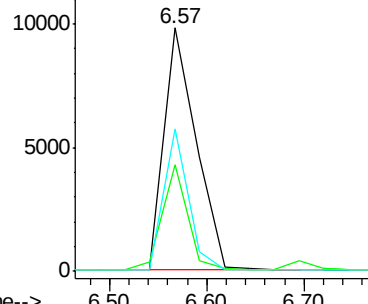
71 58.4 19.8 29.6#



Abundance Ion 99.00 (98.70 to 99.70): BM001423.D (-638) (-)

Ion 42.00 (41.70 to 42.70): BM001423.D (-638) (-)

Ion 71.00 (70.70 to 71.70): BM001423.D (-638) (-)



#4

bis(2-Chloroethyl)ether

Concen: 8.91 ng

RT: 6.82 min Scan# 651

Delta R.T. -0.00 min

Lab File: BM001423.D

Acq: 28 May 2015 10:08

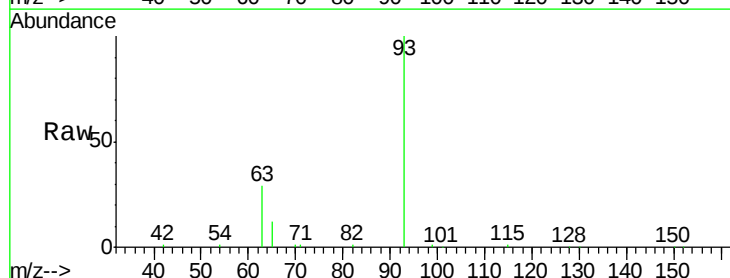
Tgt Ion: 93 Resp: 20041

Ion Ratio Lower Upper

93 100

63 29.3 20.0 60.0

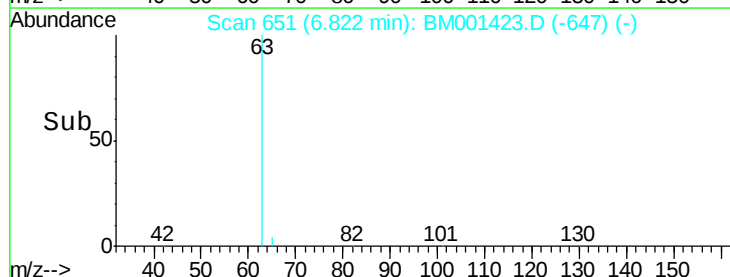
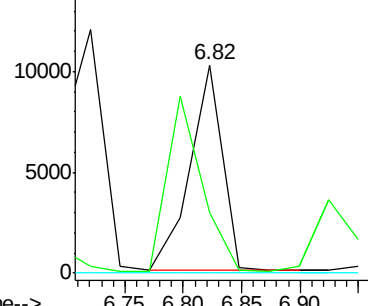
95 0.0 0.0 20.0

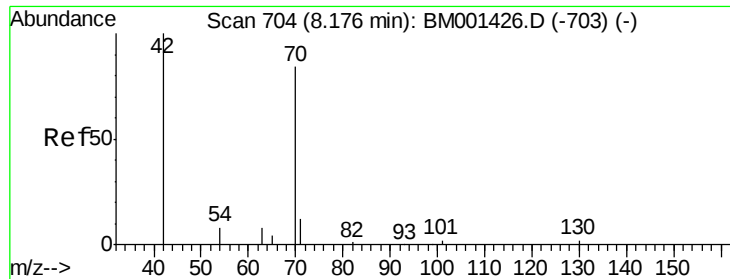


Abundance Ion 93.00 (92.70 to 93.70): BM001423.D (-647) (-)

Ion 63.00 (62.70 to 63.70): BM001423.D (-647) (-)

Ion 95.00 (94.70 to 95.70): BM001423.D (-647) (-)





#5

n-Nitroso-di-n-propylamine

Concen: 12.77 ng

RT: 8.18 min Scan# 704

Delta R.T. -0.00 min

Lab File: BM001423.D

Acq: 28 May 2015 10:08

Instrument :

BNA_M

ClientSampleId :

SSTDICC010

Tgt Ion: 70 Resp: 16562

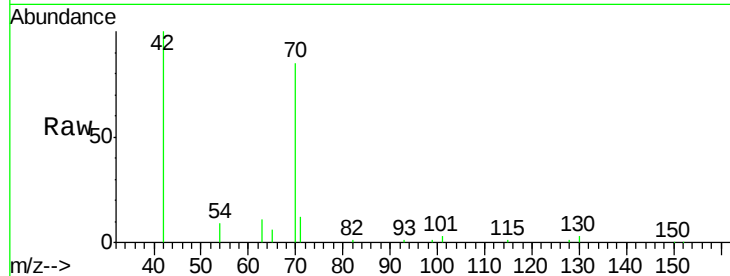
Ion Ratio Lower Upper

70 100

42 118.2 97.8 146.6

101 3.7 8.2 12.2#

130 3.0 7.5 11.3#

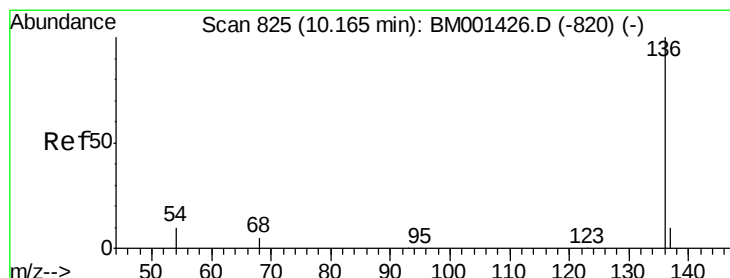
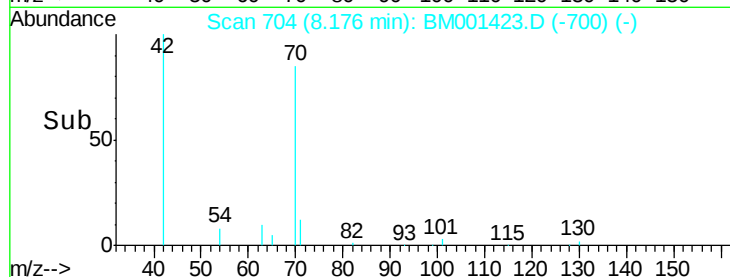
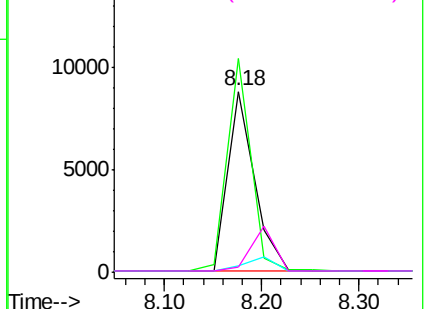


Abundance Ion 70.00 (69.70 to 70.70): BM0

Ion 42.00 (41.70 to 42.70): BM0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E



#6

Naphthalene-d8

Concen: 5.00 ng

RT: 10.16 min Scan# 825

Delta R.T. -0.00 min

Lab File: BM001423.D

Acq: 28 May 2015 10:08

Tgt Ion: 136 Resp: 43697

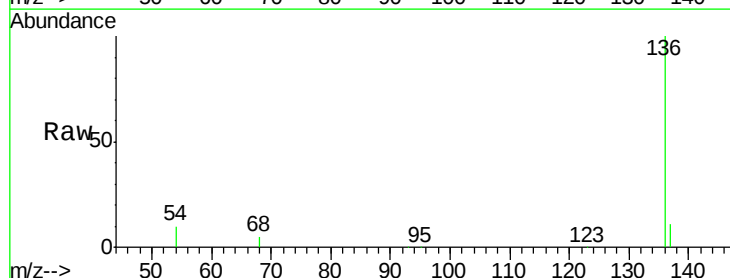
Ion Ratio Lower Upper

136 100

137 10.5 8.3 12.5

54 9.7 8.2 12.4

68 5.4 4.5 6.7

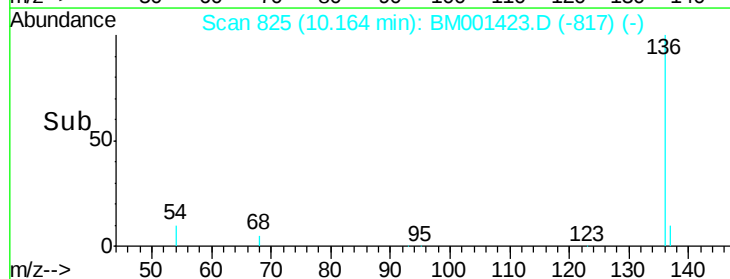
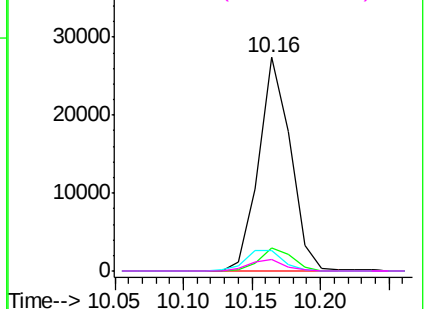


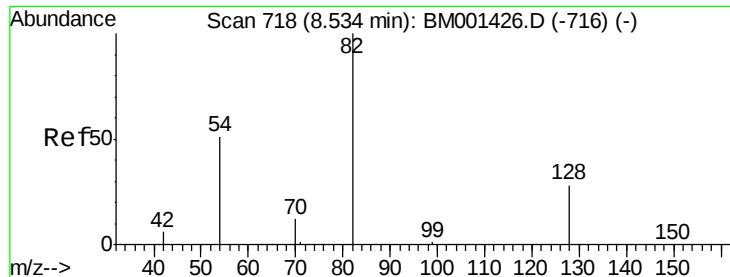
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BM0

Ion 68.00 (67.70 to 68.70): BM0





#7

Nitrobenzene-d5

Concen: 11.41 ng

RT: 8.53 min Scan# 718

Delta R.T. -0.00 min

Lab File: BM001423.D

Acq: 28 May 2015 10:08

Instrument :

BNA_M

ClientSampleId :

SSTDIC010

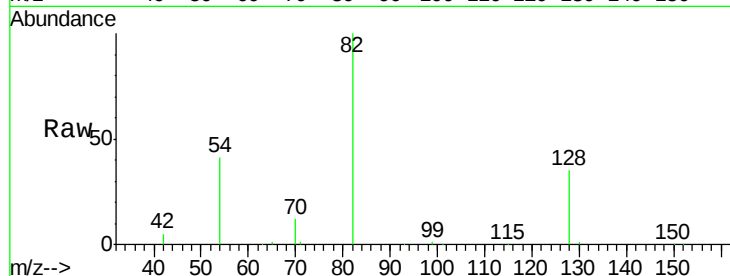
Tgt Ion: 82 Resp: 27117

Ion Ratio Lower Upper

82 100

128 34.9 24.4 36.6

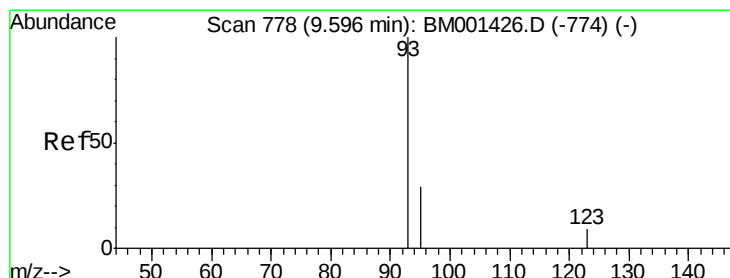
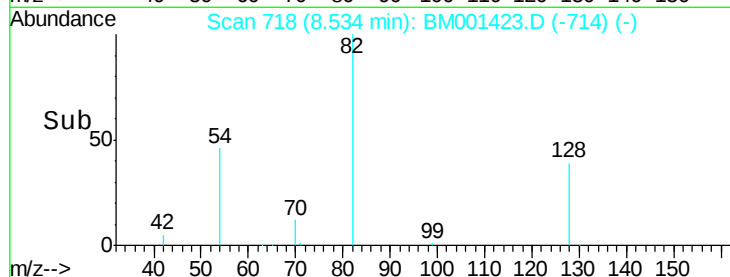
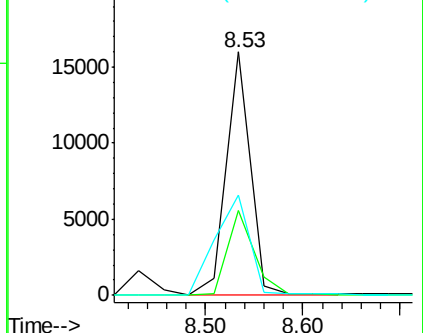
54 41.3 42.3 63.5#



Abundance Ion 82.00 (81.70 to 82.70): BM001423.D (-714) (-)

Ion 128.00 (127.70 to 128.70): BM001423.D (-714) (-)

Ion 54.00 (53.70 to 54.70): BM001423.D (-714) (-)



#8

bis(2-Chloroethoxy)methane

Concen: 12.92 ng

RT: 9.60 min Scan# 778

Delta R.T. -0.00 min

Lab File: BM001423.D

Acq: 28 May 2015 10:08

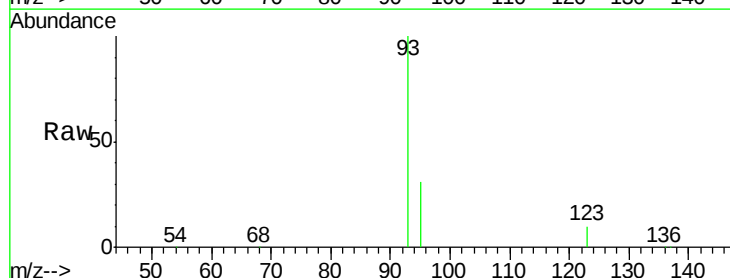
Tgt Ion: 93 Resp: 30211

Ion Ratio Lower Upper

93 100

95 30.8 25.3 37.9

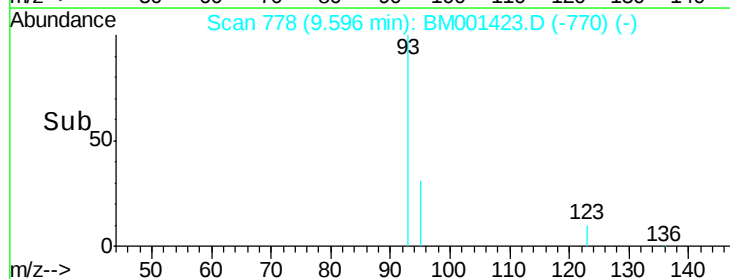
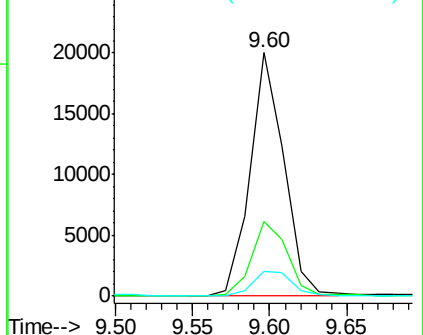
123 10.3 10.2 15.2

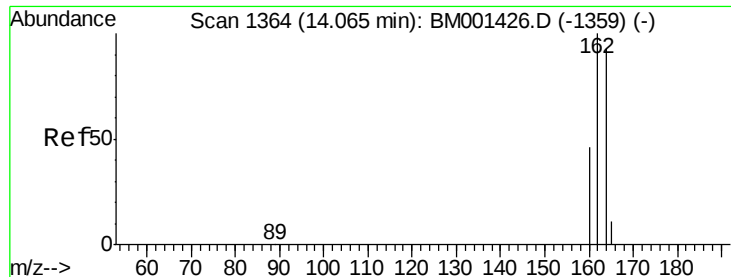


Abundance Ion 93.00 (92.70 to 93.70): BM001423.D (-770) (-)

Ion 95.00 (94.70 to 95.70): BM001423.D (-770) (-)

Ion 123.00 (122.70 to 123.70): BM001423.D (-770) (-)





#9

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.07 min Scan# 1365

Delta R.T. 0.01 min

Lab File: BM001423.D

Acq: 28 May 2015 10:08

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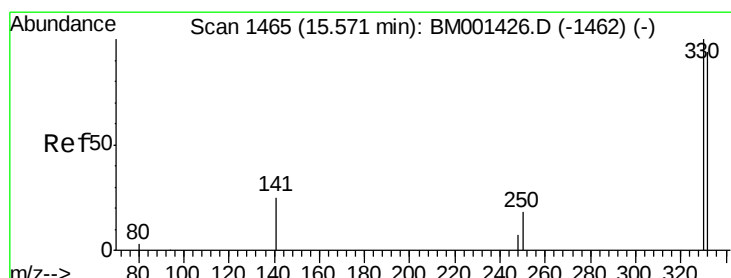
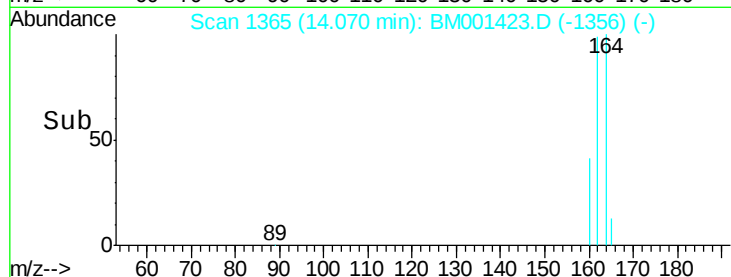
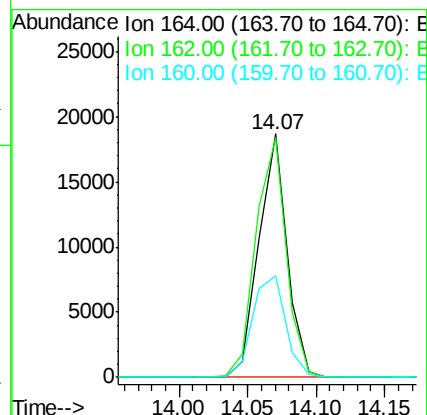
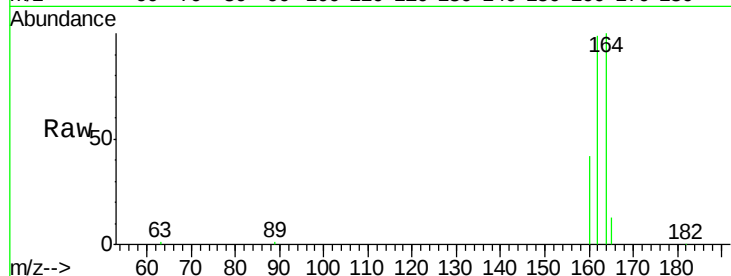
Tgt Ion:164 Resp: 26490

Ion Ratio Lower Upper

164 100

162 98.7 86.2 129.2

160 41.6 39.4 59.2



#10

2,4,6-Tribromophenol

Concen: 13.90 ng

RT: 15.58 min Scan# 1466

Delta R.T. 0.01 min

Lab File: BM001423.D

Acq: 28 May 2015 10:08

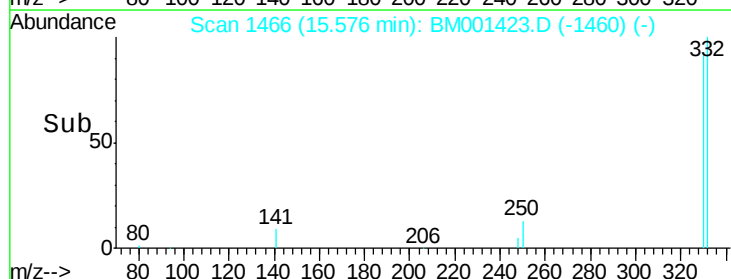
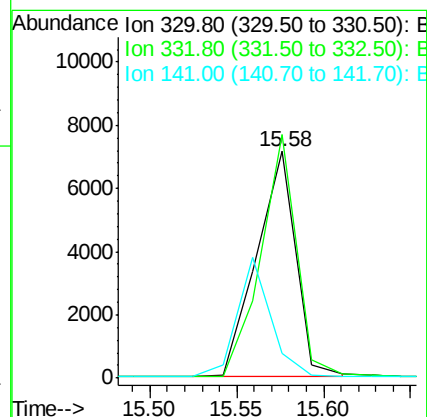
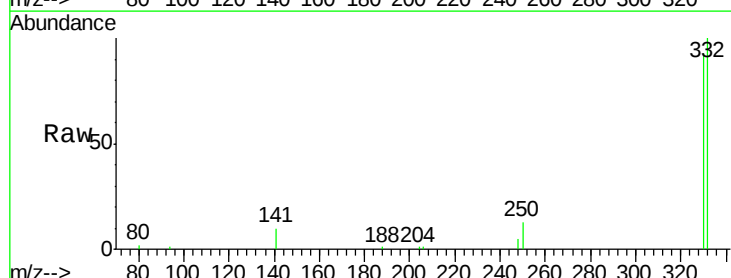
Tgt Ion:330 Resp: 11252

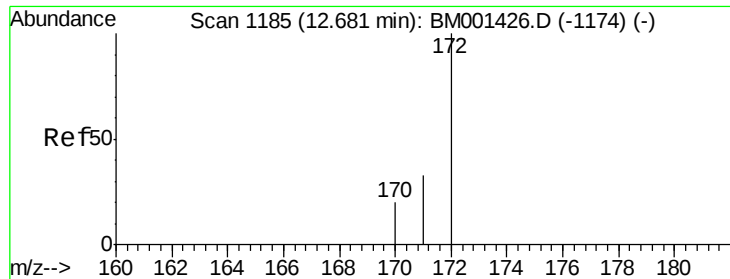
Ion Ratio Lower Upper

330 100

332 97.8 76.3 114.5

141 45.0 35.0 52.4

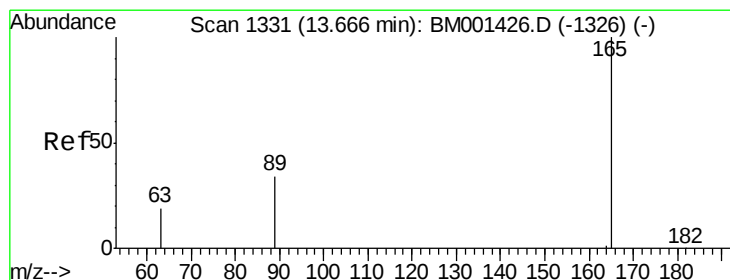
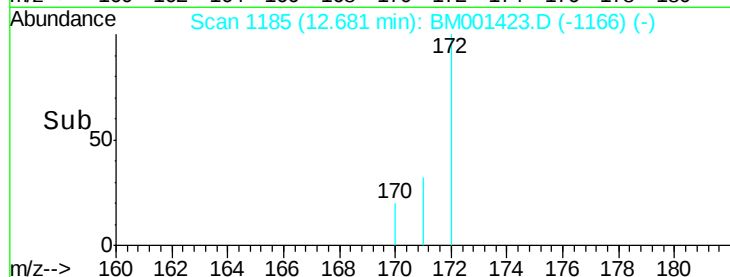
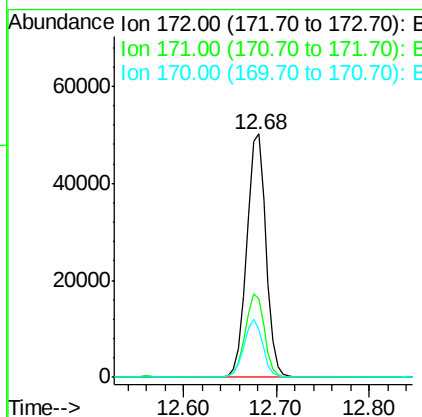
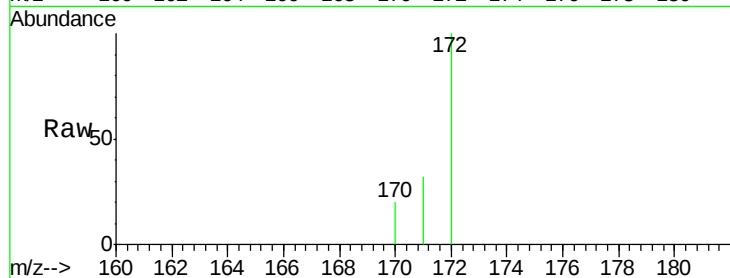




#11
2-Fluorobiphenyl
Concen: 9.62 ng
RT: 12.68 min Scan# 1185
Delta R.T. -0.00 min
Lab File: BM001423.D
Acq: 28 May 2015 10:08

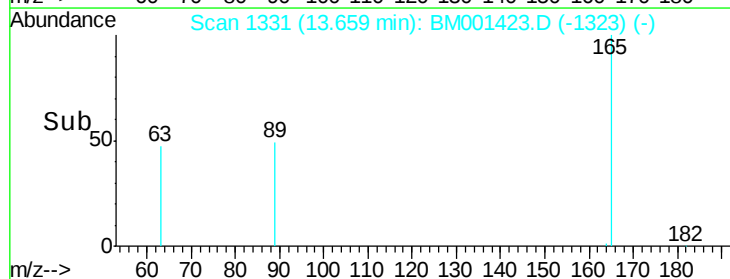
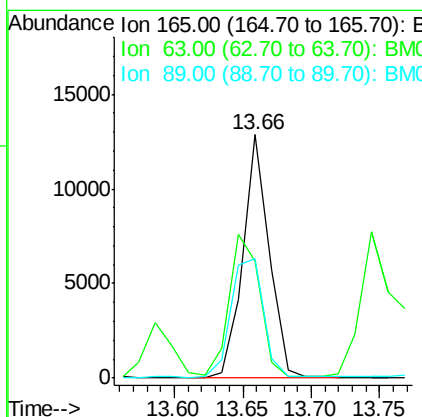
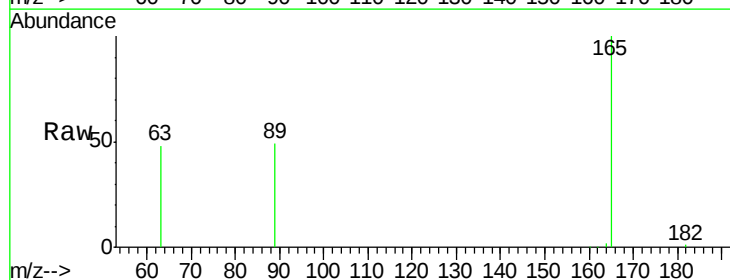
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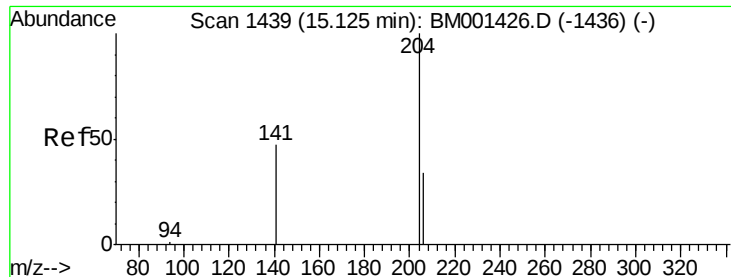
Tgt Ion:172 Resp: 71813
Ion Ratio Lower Upper
172 100
171 32.2 26.9 40.3
170 19.6 17.1 25.7



#12
2,6-Dinitrotoluene
Concen: 15.11 ng
RT: 13.66 min Scan# 1331
Delta R.T. -0.01 min
Lab File: BM001423.D
Acq: 28 May 2015 10:08

Tgt Ion:165 Resp: 16880
Ion Ratio Lower Upper
165 100
63 48.0 29.1 43.7#
89 48.9 32.1 48.1#

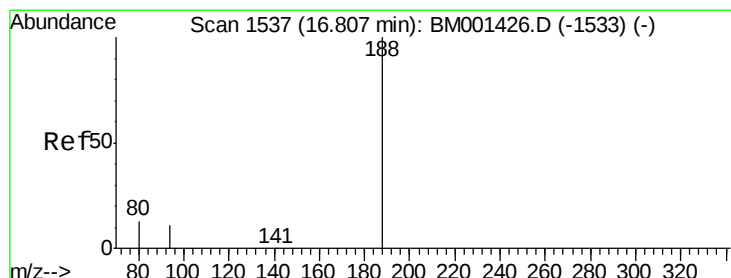
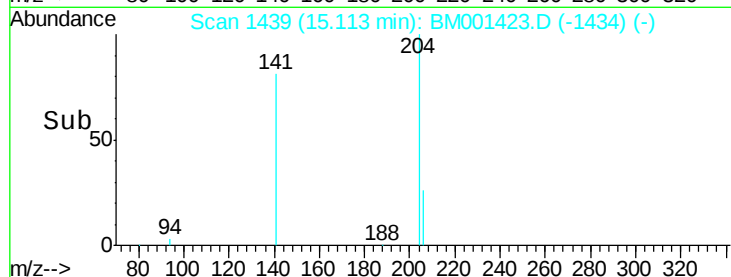
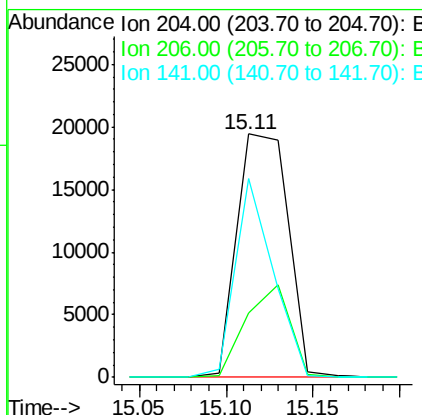
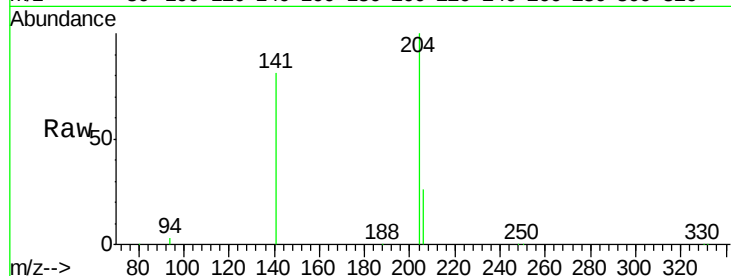




#14
4-Chlorophenyl-phenylether
Concen: 9.93 ng
RT: 15.11 min Scan# 1439
Delta R.T. -0.01 min
Lab File: BM001423.D
Acq: 28 May 2015 10:08

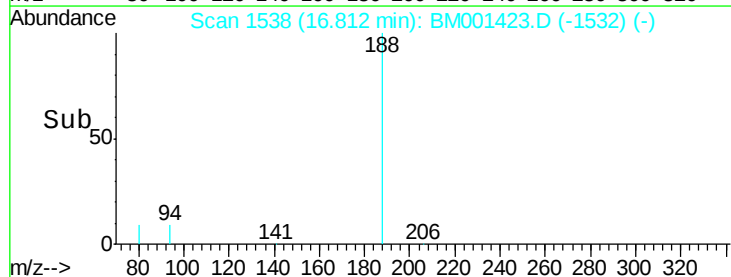
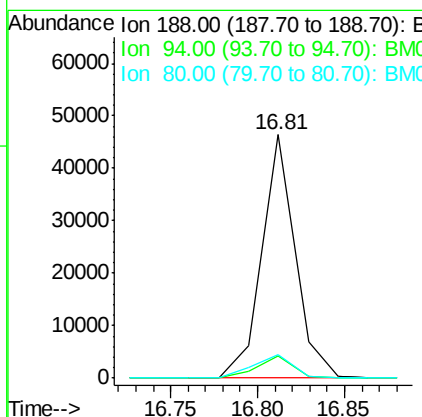
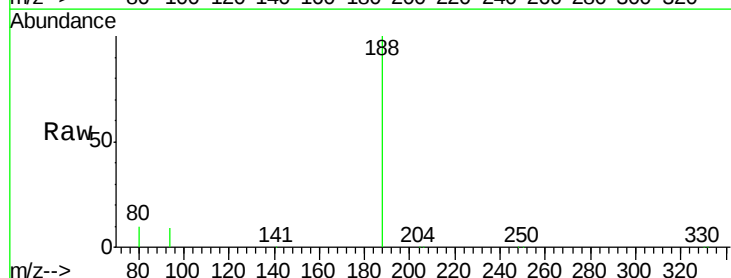
Instrument :
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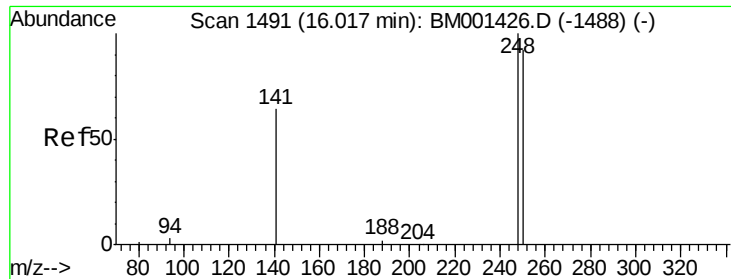
Tgt Ion: 204 Resp: 40253
Ion Ratio Lower Upper
204 100
206 26.2 27.8 41.8#
141 81.4 38.2 57.4#



#15
Phenanthrene-d10
Concen: 5.00 ng
RT: 16.81 min Scan# 1538
Delta R.T. 0.01 min
Lab File: BM001423.D
Acq: 28 May 2015 10:08

Tgt Ion: 188 Resp: 61486
Ion Ratio Lower Upper
188 100
94 9.2 9.0 13.4
80 9.5 10.6 15.8#

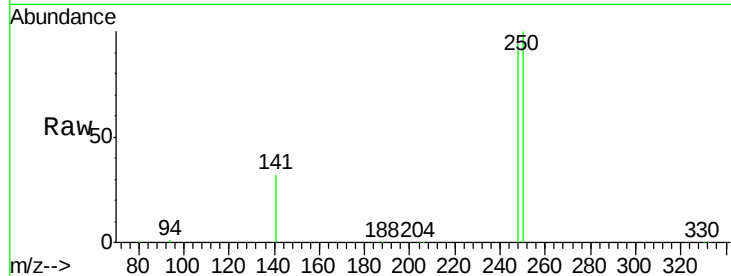




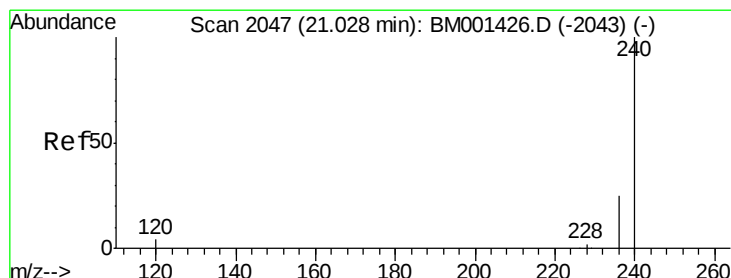
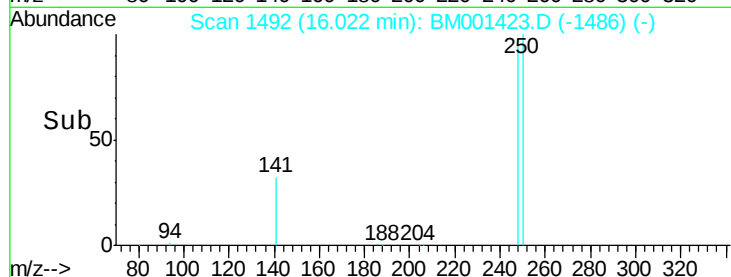
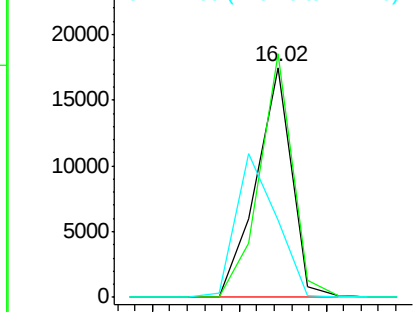
#16
4-Bromophenyl-phenylether
Concen: 10.32 ng
RT: 16.02 min Scan# 1492
Delta R.T. 0.01 min
Lab File: BM001423.D
Acq: 28 May 2015 10:08

Instrument :
BNA_M
ClientSampleId :
SSTDIC010

Tgt Ion:248 Resp: 24928
Ion Ratio Lower Upper
248 100
250 106.0 74.1 111.1
141 33.6 52.4 78.6#

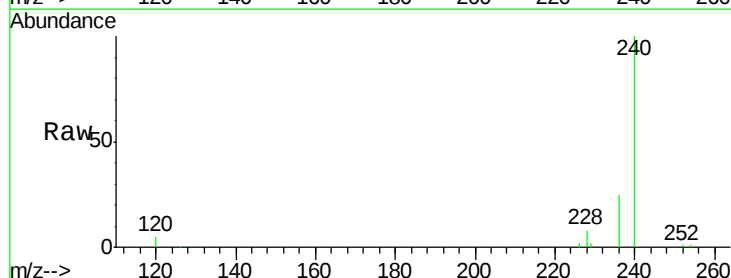


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

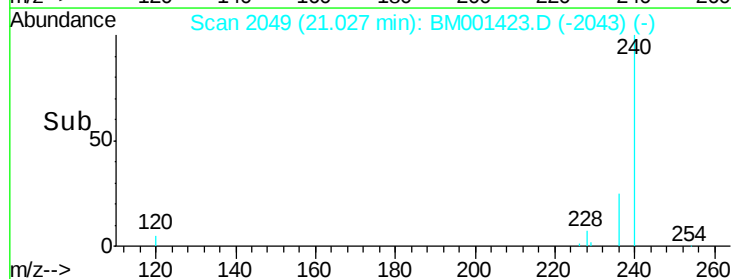
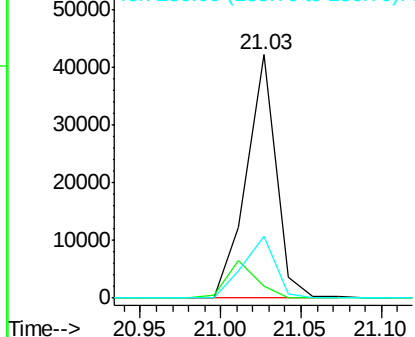


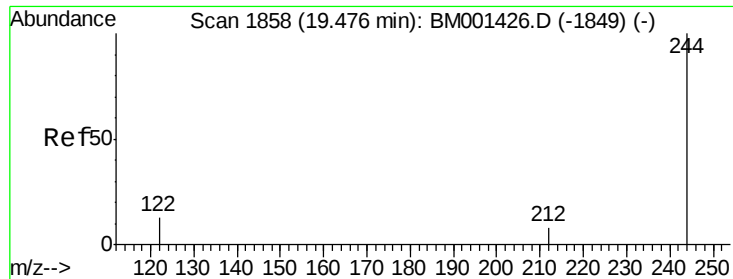
#17
Chrysene-d12
Concen: 5.00 ng
RT: 21.03 min Scan# 2049
Delta R.T. -0.00 min
Lab File: BM001423.D
Acq: 28 May 2015 10:08

Tgt Ion:240 Resp: 54241
Ion Ratio Lower Upper
240 100
120 4.7 3.2 4.8
236 25.2 19.8 29.6



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





#18

Terphenyl-d14

Concen: 10.70 ng

RT: 19.48 min Scan# 1860

Delta R.T. -0.00 min

Lab File: BM001423.D

Acq: 28 May 2015 10:08

Instrument :

BNA_M

ClientSampleId :

SSTDIC010

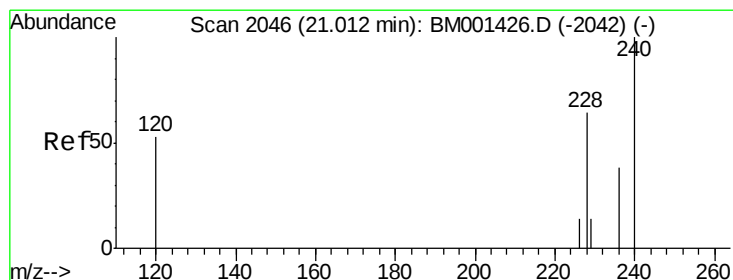
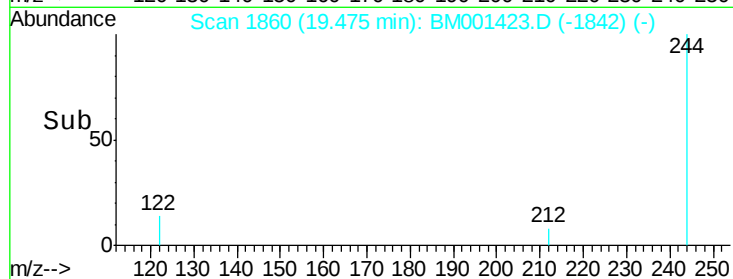
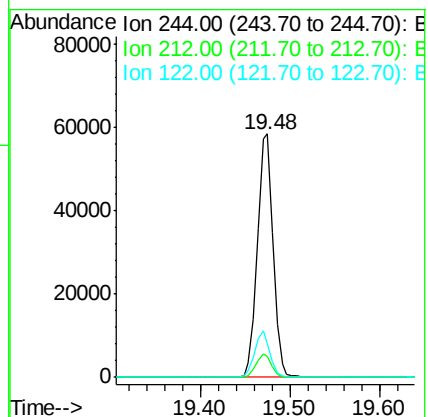
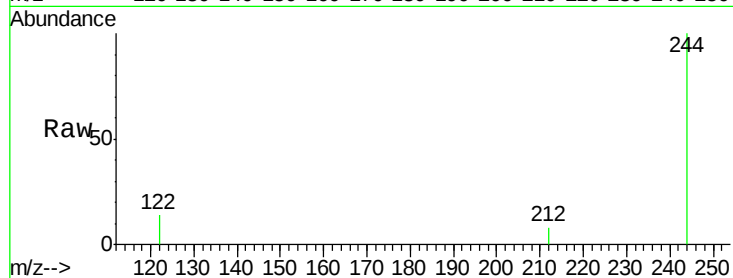
Tgt Ion:244 Resp: 71854

Ion Ratio Lower Upper

244 100

212 8.5 7.4 11.2

122 13.7 11.4 17.0



#19

Benzo(a)anthracene

Concen: 42.77 ng

RT: 21.01 min Scan# 2048

Delta R.T. -0.00 min

Lab File: BM001423.D

Acq: 28 May 2015 10:08

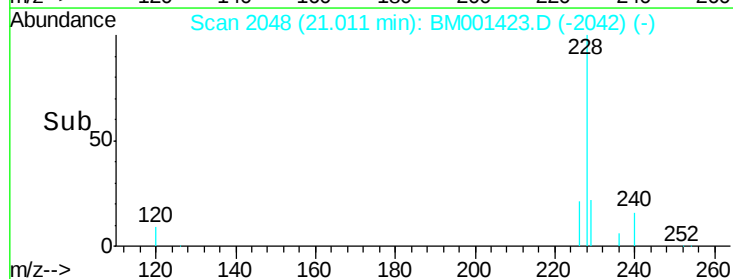
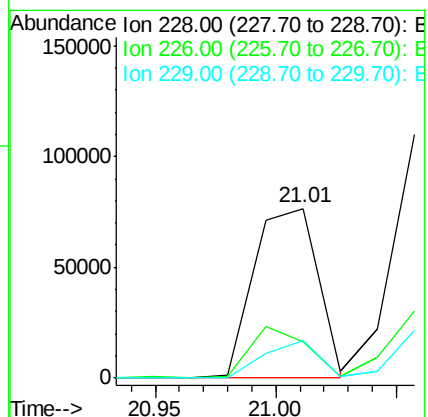
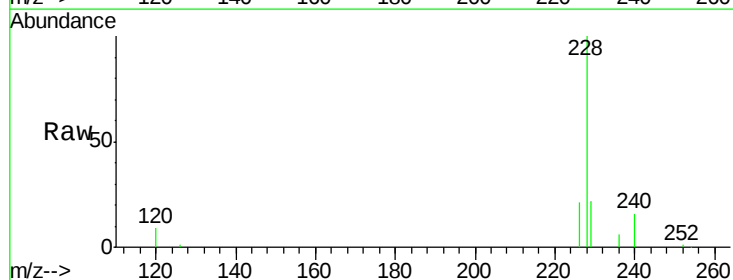
Tgt Ion:228 Resp: 141104

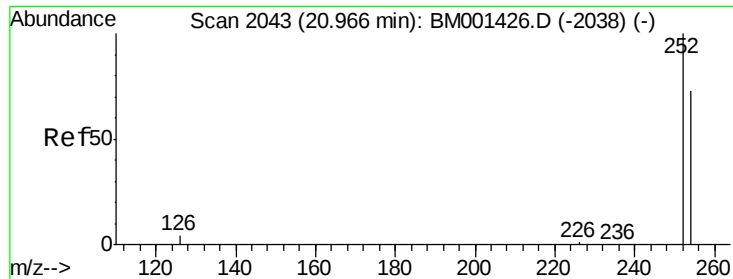
Ion Ratio Lower Upper

228 100

226 21.1 18.2 27.2

229 22.4 17.8 26.8

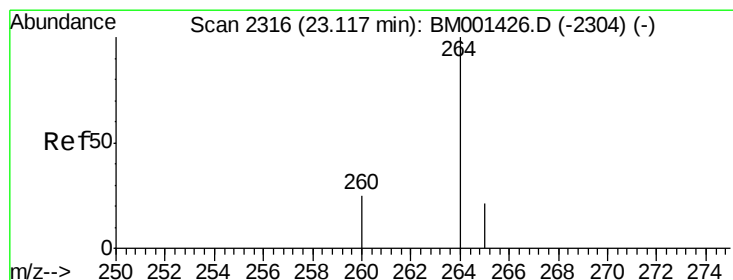
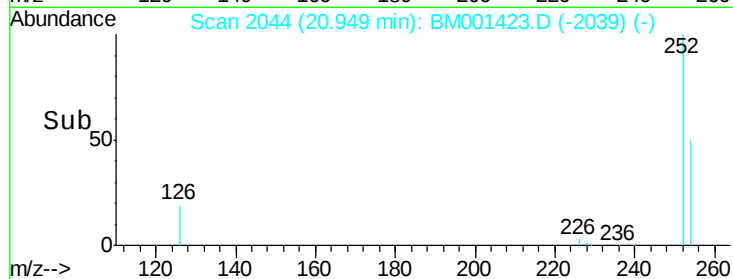
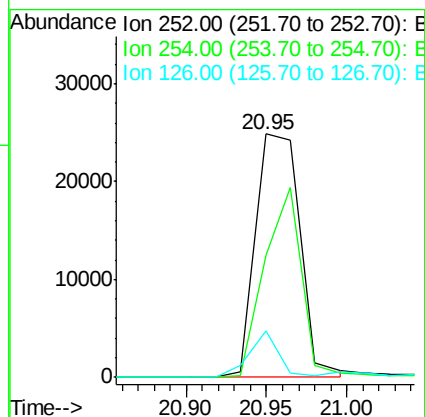
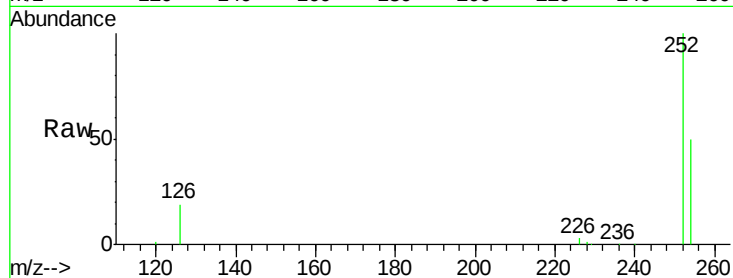




#20
 3,3'-Dichlorobenzidine
 Concen: 13.95 ng
 RT: 20.95 min Scan# 2044
 Delta R.T. -0.02 min
 Lab File: BM001423.D
 Acq: 28 May 2015 10:08

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC010

Tgt Ion: 252 Resp: 47780
 Ion Ratio Lower Upper
 252 100
 254 50.1 59.0 88.6#
 126 18.9 5.9 8.9#



#21
 Perylene-d12
 Concen: 5.00 ng
 RT: 23.12 min Scan# 2318
 Delta R.T. -0.00 min
 Lab File: BM001423.D
 Acq: 28 May 2015 10:08

Tgt Ion: 264 Resp: 47721
 Ion Ratio Lower Upper
 264 100
 260 24.8 20.1 30.1
 265 21.6 17.3 25.9

