

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM053115\
 Data File : BM001498.D
 Acq On : 31 May 2015 06:18
 Operator : TP/IZ
 Sample : SSTDICC0.1
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC0.1

Quant Time: May 31 07:33:13 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SIM-BM053115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun May 31 05:09:58 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.38	152	12433	5.00	ng	0.00
6) Naphthalene-d8	10.15	136	45357	5.00	ng	0.00
9) Acenaphthene-d10	14.06	164	24213	5.00	ng	0.00
15) Phenanthrene-d10	16.81	188	47971	5.00	ng	0.00
17) Chrysene-d12	21.01	240	40773	5.00	ng	-0.01
21) Perylene-d12	23.11	264	36194	5.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
2) 2-Fluorophenol	4.97	112	238	0.12	ng	0.00
3) Phenol-d6	6.57	99	290	0.13	ng	0.00
7) Nitrobenzene-d5	8.53	82	234	0.10	ng	0.00
10) 2,4,6-Tribromophenol	15.58	330	73	0.10	ng	0.00
11) 2-Fluorobiphenyl	12.67	172	668	0.10	ng	0.00
18) Terphenyl-d14	19.46	244	531	0.10	ng	0.00

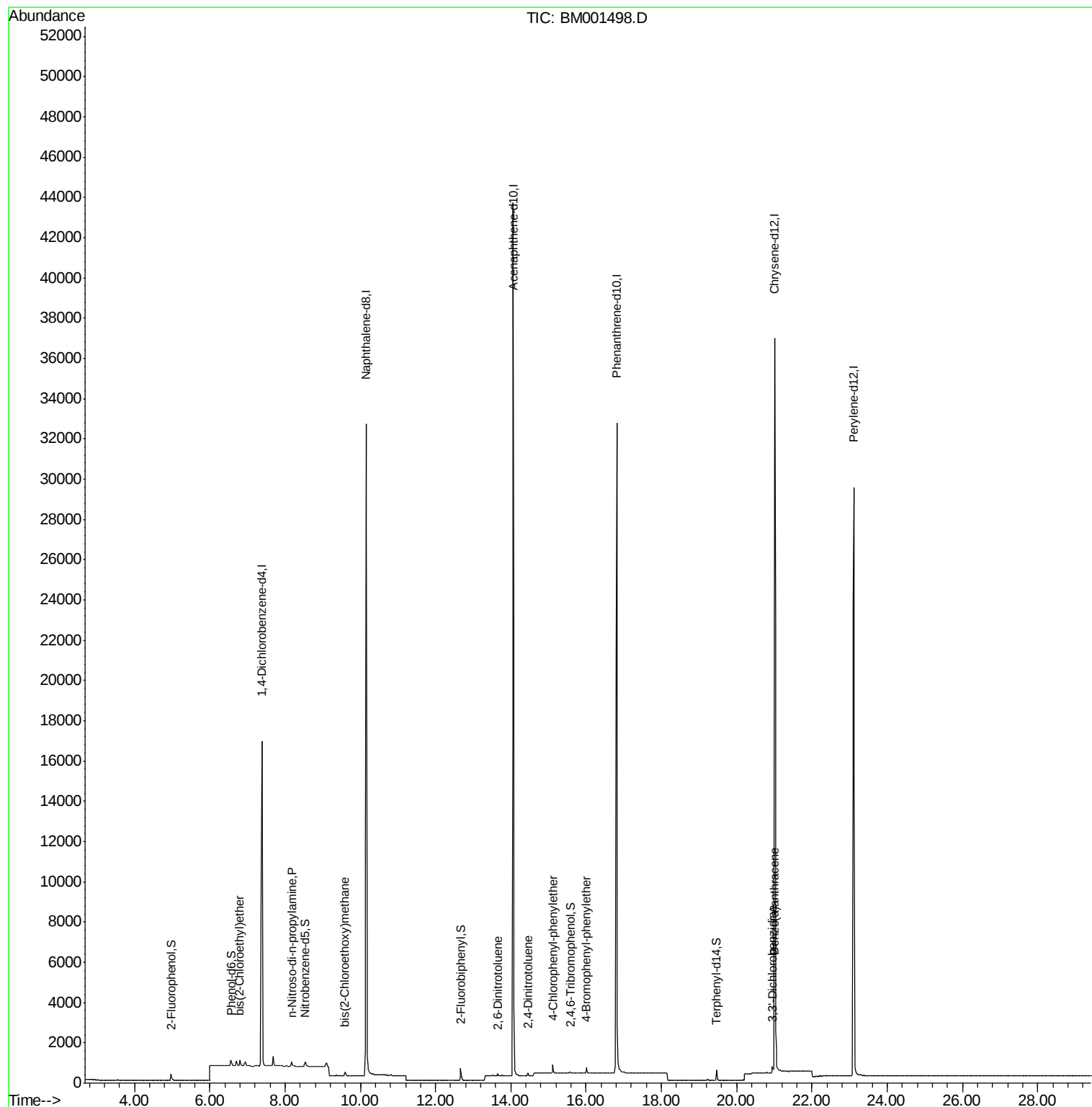
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
4) bis(2-Chloroethyl)ether	6.80	93	238	0.10	ng	87
5) n-Nitroso-di-n-propylamine	8.18	70	185	0.14	ng	# 52
8) bis(2-Chloroethoxy)methane	9.60	93	249	0.10	ng	# 55
12) 2,6-Dinitrotoluene	13.66	165	81	0.08	ng	# 53
13) 2,4-Dinitrotoluene	14.46	165	79	0.07	ng	# 60
14) 4-Chlorophenyl-phenylether	15.11	204	323	0.09	ng	# 90
16) 4-Bromophenyl-phenylether	16.01	248	194	0.10	ng	# 57
19) Benzo(a)anthracene	21.00	228	1232	0.48	ng	# 88
20) 3,3'-Dichlorobenzidine	20.95	252	260	0.10	ng	# 75

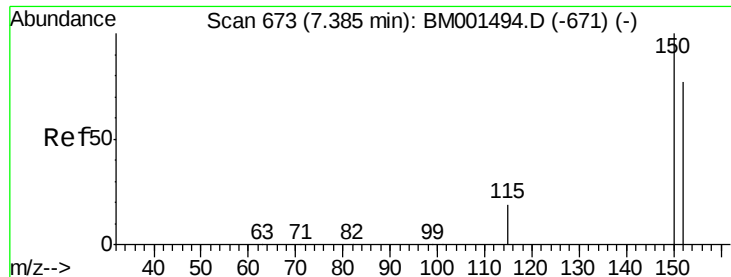
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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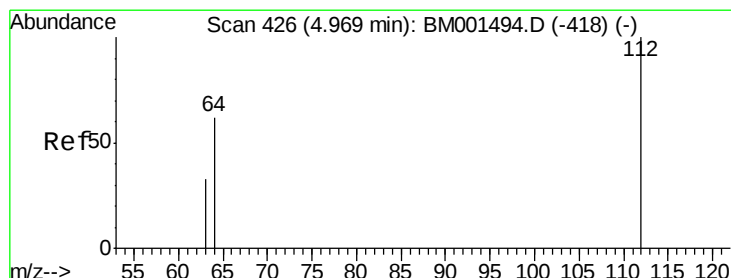
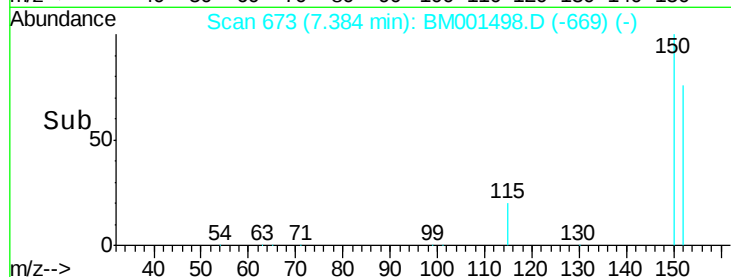
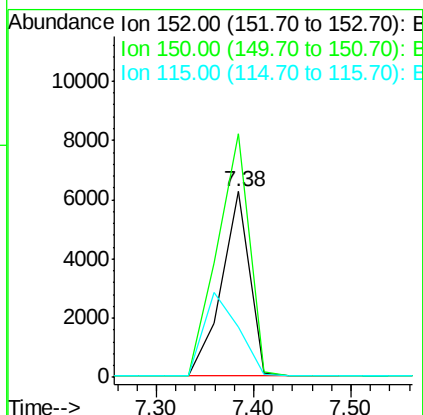
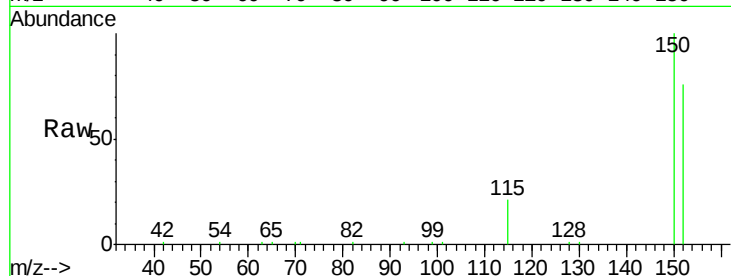


#1

1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.38 min Scan# 673
Delta R.T. -0.00 min
Lab File: BM001498.D
Acq: 31 May 2015 06:18

Instrument :
BNA_M
ClientSampleId :
SSTDIC0.1

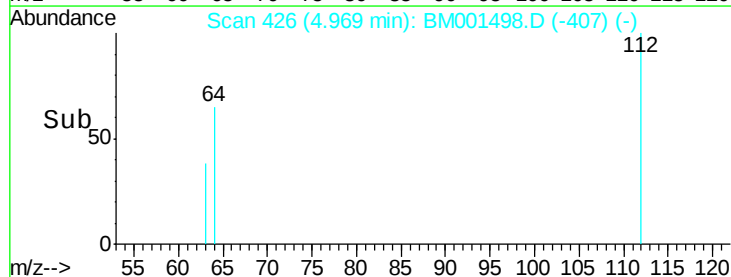
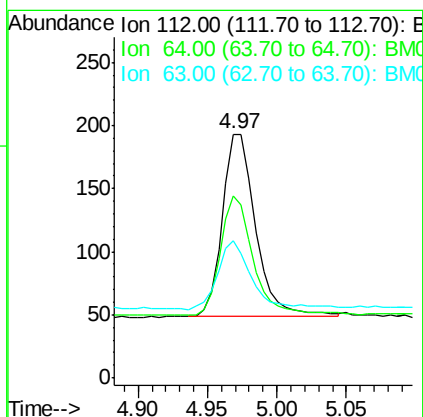
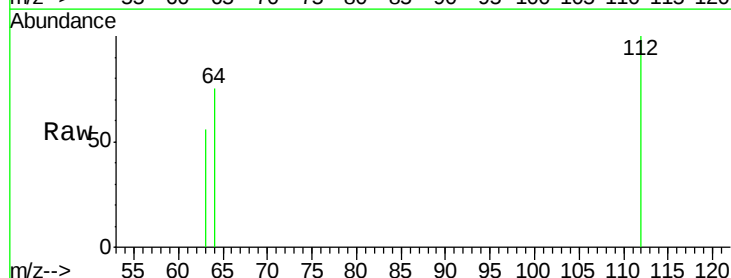
Tgt Ion:152 Resp: 12433
Ion Ratio Lower Upper
152 100
150 130.9 103.8 155.8
115 27.2 20.7 31.1

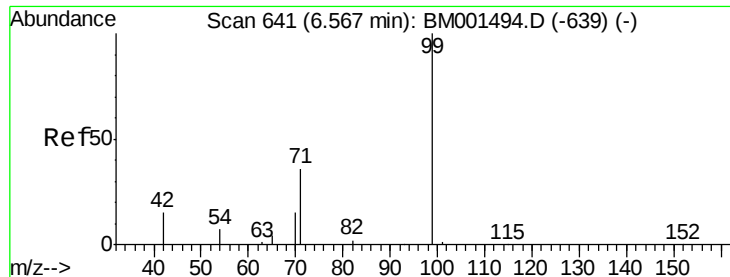


#2

2-Fluorophenol
Concen: 0.12 ng
RT: 4.97 min Scan# 426
Delta R.T. -0.00 min
Lab File: BM001498.D
Acq: 31 May 2015 06:18

Tgt Ion:112 Resp: 238
Ion Ratio Lower Upper
112 100
64 74.6 50.2 75.2
63 56.5 28.2 42.4#





#3

Phenol-d6

Concen: 0.13 ng

RT: 6.57 min Scan# 641

Delta R.T. -0.00 min

Lab File: BM001498.D

Acq: 31 May 2015 06:18

Instrument :

BNA_M

ClientSampleId :

SSTDIC0.1

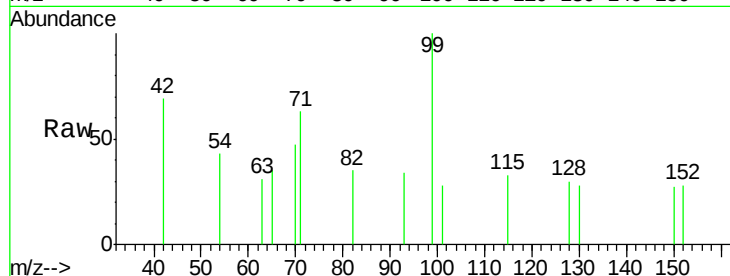
Tgt Ion: 99 Resp: 290

Ion Ratio Lower Upper

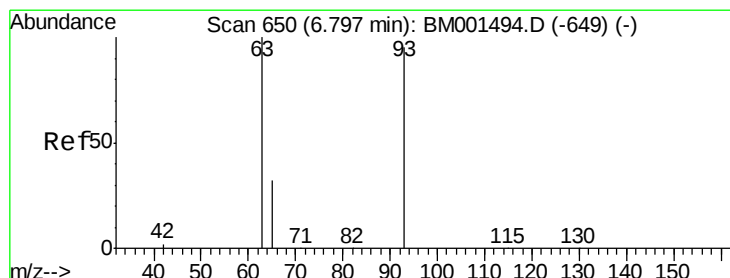
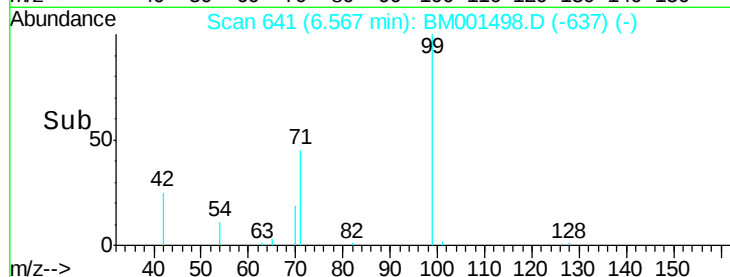
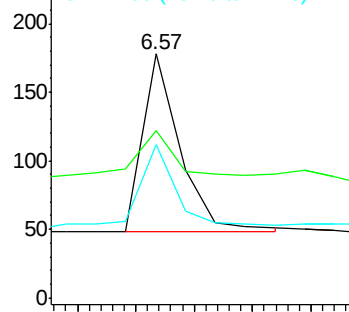
99 100

42 68.5 15.2 22.8#

71 62.9 30.6 46.0#



Abundance Ion 99.00 (98.70 to 99.70): BM001498.D (-637) (-)



#4

bis(2-Chloroethyl)ether

Concen: 0.10 ng

RT: 6.80 min Scan# 650

Delta R.T. -0.00 min

Lab File: BM001498.D

Acq: 31 May 2015 06:18

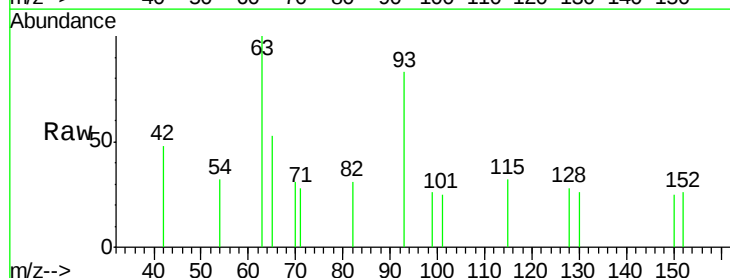
Tgt Ion: 93 Resp: 238

Ion Ratio Lower Upper

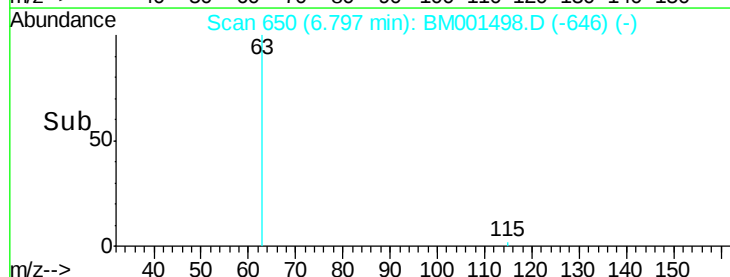
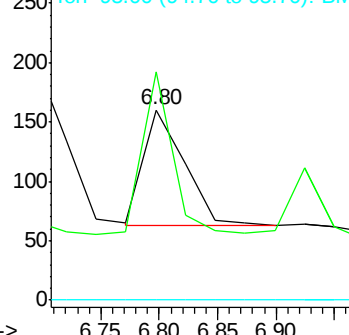
93 100

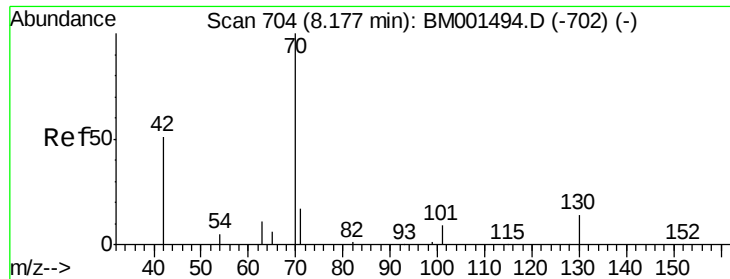
63 120.0 86.8 126.8

95 0.0 0.0 20.0



Abundance Ion 93.00 (92.70 to 93.70): BM001498.D (-646) (-)





#5

n-Nitroso-di-n-propylamine

Concen: 0.14 ng

RT: 8.18 min Scan# 704

Delta R.T. -0.00 min

Lab File: BM001498.D

Acq: 31 May 2015 06:18

Instrument :

BNA_M

ClientSampleId :

SSTDIC0.1

Tgt Ion: 70 Resp: 185

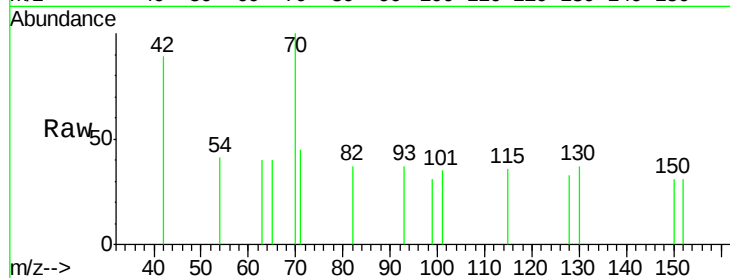
Ion Ratio Lower Upper

70 100

42 89.2 44.2 66.2#

101 35.0 10.3 15.5#

130 36.9 13.9 20.9#



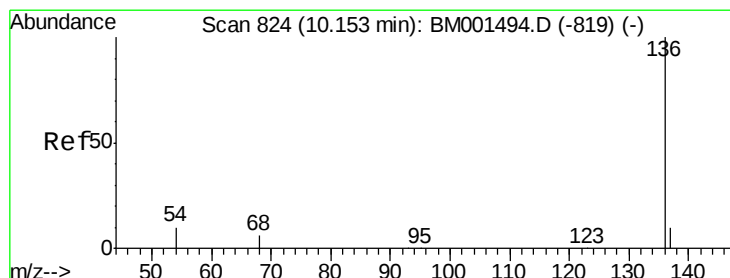
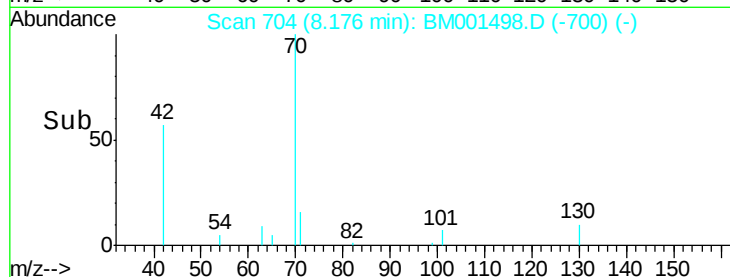
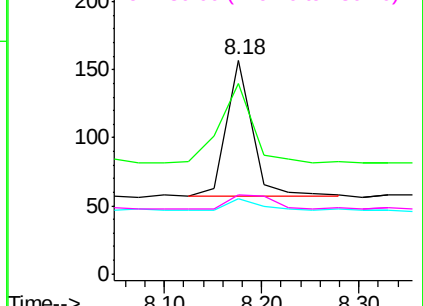
Abundance

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: 10.15 min Scan# 824

Delta R.T. -0.00 min

Lab File: BM001498.D

Acq: 31 May 2015 06:18

Tgt Ion: 136 Resp: 45357

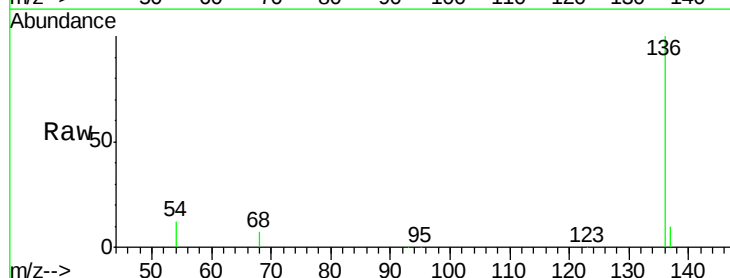
Ion Ratio Lower Upper

136 100

137 10.2 8.3 12.5

54 11.7 8.5 12.7

68 6.7 5.0 7.4



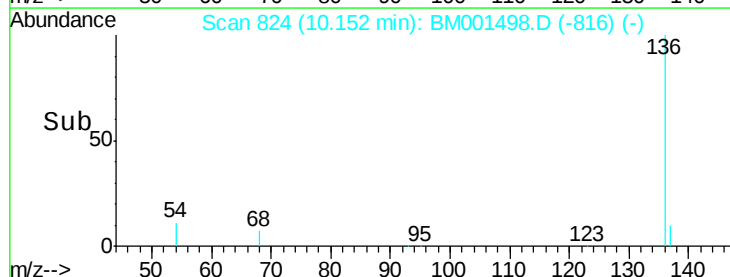
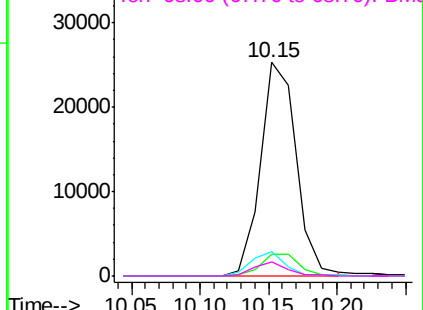
Abundance

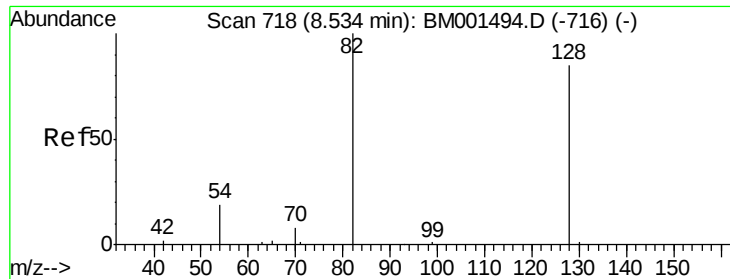
Ion 136.00 (135.70 to 136.70): E

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: 0.10 ng

RT: 8.53 min Scan# 718

Delta R.T. -0.00 min

Lab File: BM001498.D

Acq: 31 May 2015 06:18

Instrument :

BNA_M

ClientSampleId :

SSTDIC0.1

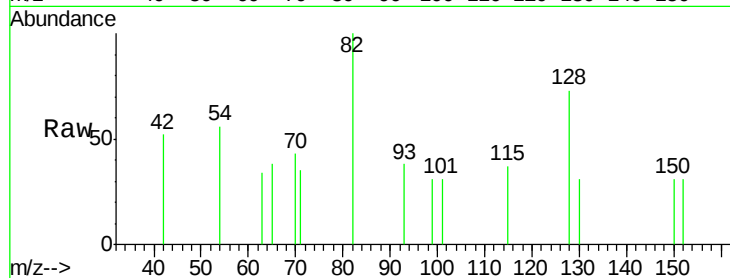
Tgt Ion: 82 Resp: 234

Ion Ratio Lower Upper

82 100

128 72.6 68.2 102.2

54 56.1 21.0 31.4#

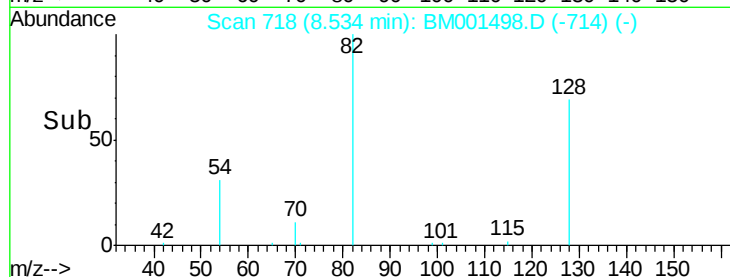


Abundance Ion 82.00 (81.70 to 82.70): BM001498.D (-714) (-)

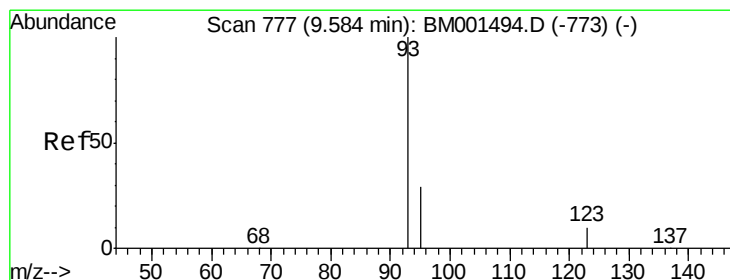
Ion 128.00 (127.70 to 128.70): BM001498.D (-714) (-)

Ion 54.00 (53.70 to 54.70): BM001498.D (-714) (-)

Time-->



Time-->



#8

bis(2-Chloroethoxy)methane

Concen: 0.10 ng

RT: 9.60 min Scan# 778

Delta R.T. 0.01 min

Lab File: BM001498.D

Acq: 31 May 2015 06:18

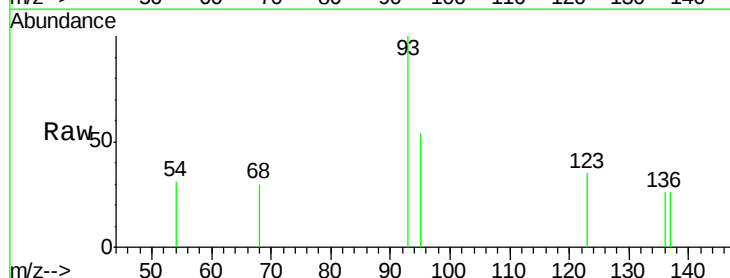
Tgt Ion: 93 Resp: 249

Ion Ratio Lower Upper

93 100

95 53.5 25.0 37.6#

123 34.6 9.5 14.3#

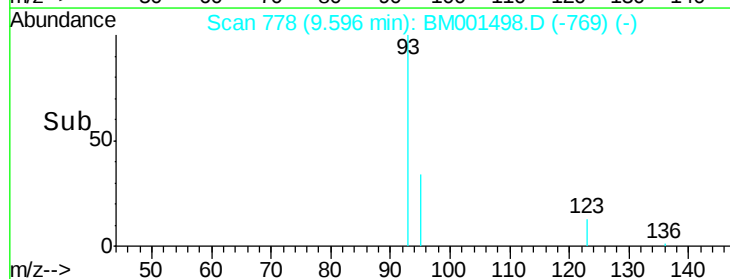


Abundance Ion 93.00 (92.70 to 93.70): BM001498.D (-769) (-)

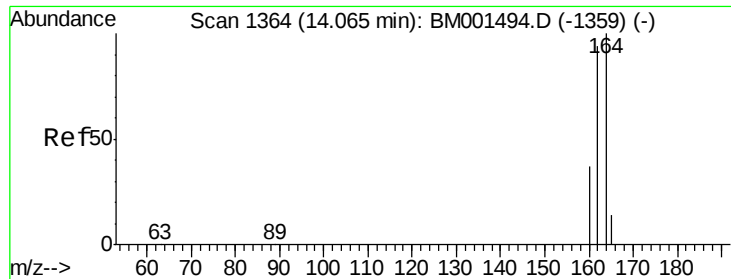
Ion 95.00 (94.70 to 95.70): BM001498.D (-769) (-)

Ion 123.00 (122.70 to 123.70): BM001498.D (-769) (-)

Time-->



Time-->



#9

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.06 min Scan# 1364

Delta R.T. -0.01 min

Lab File: BM001498.D

Acq: 31 May 2015 06:18

Instrument :

BNA_M

ClientSampleId :

SSTDIC0.1

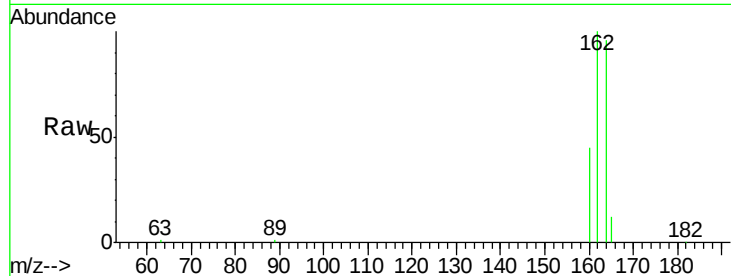
Tgt Ion:164 Resp: 24213

Ion Ratio Lower Upper

164 100

162 104.6 75.3 112.9

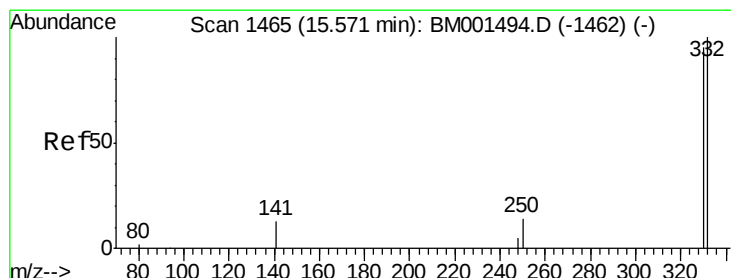
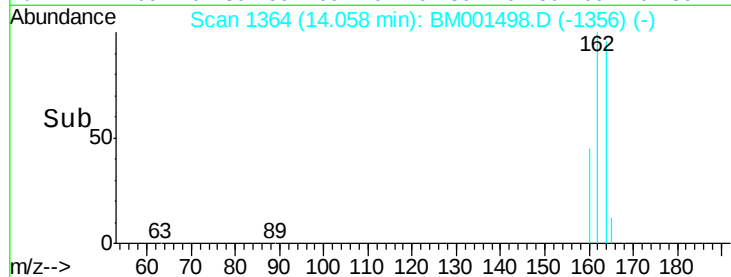
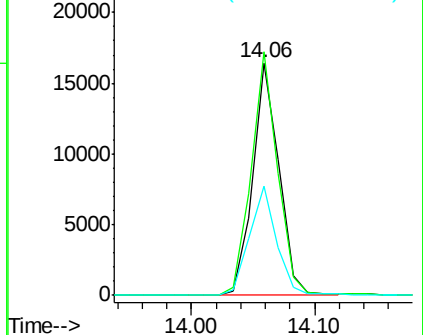
160 46.9 30.1 45.1#



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



#10

2,4,6-Tribromophenol

Concen: 0.10 ng

RT: 15.58 min Scan# 1466

Delta R.T. 0.00 min

Lab File: BM001498.D

Acq: 31 May 2015 06:18

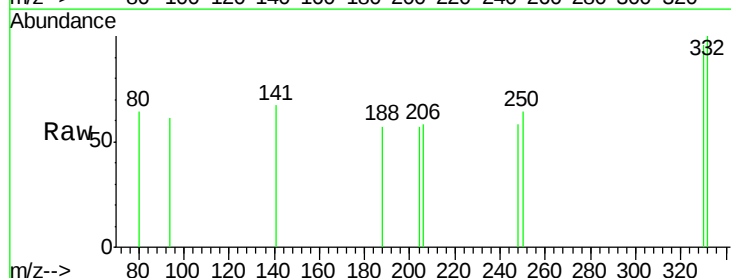
Tgt Ion:330 Resp: 73

Ion Ratio Lower Upper

330 100

332 97.3 77.6 116.4

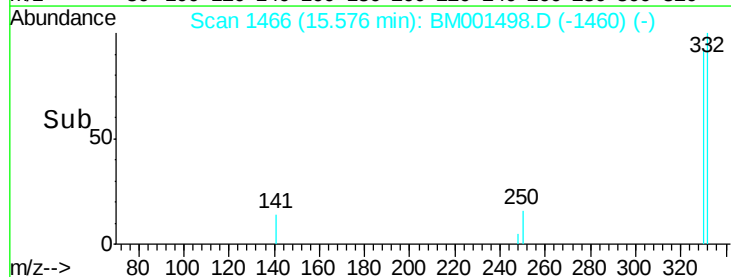
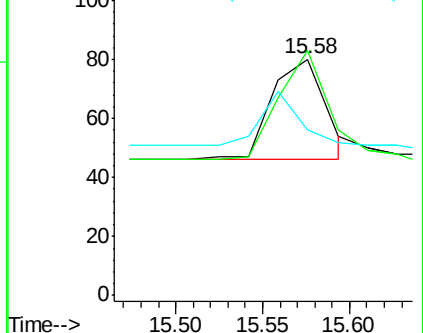
141 38.4 34.3 51.5

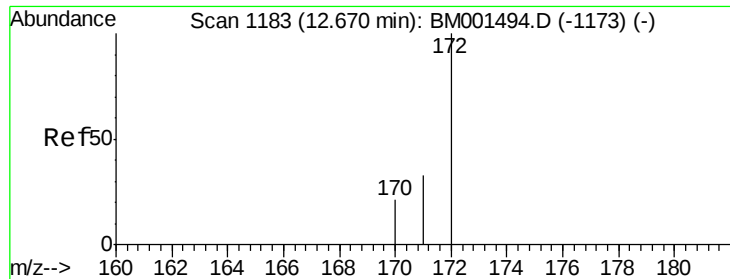


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

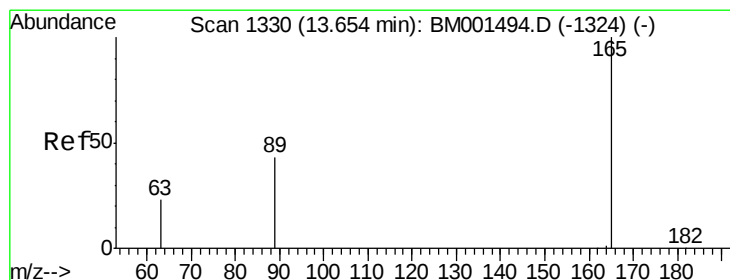
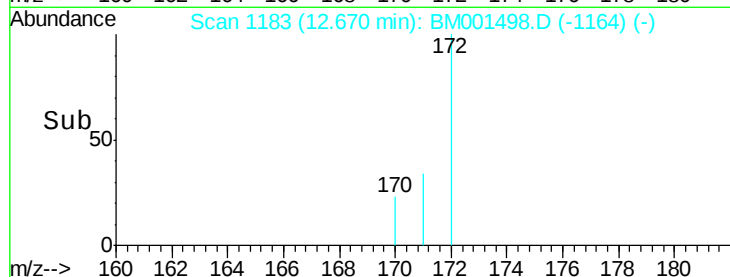
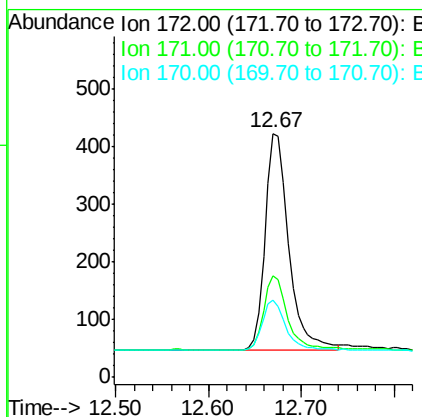
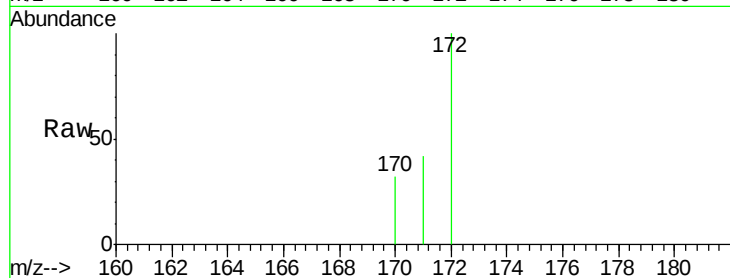




#11
2-Fluorobiphenyl
Concen: 0.10 ng
RT: 12.67 min Scan# 1183
Delta R.T. -0.00 min
Lab File: BM001498.D
Acq: 31 May 2015 06:18

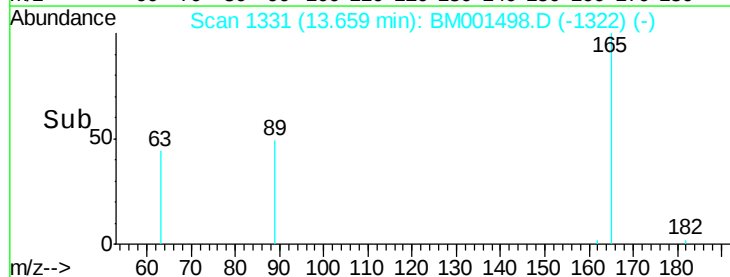
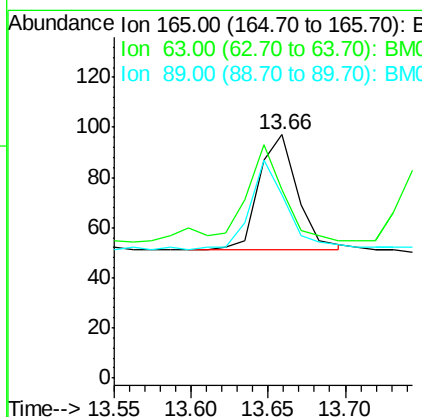
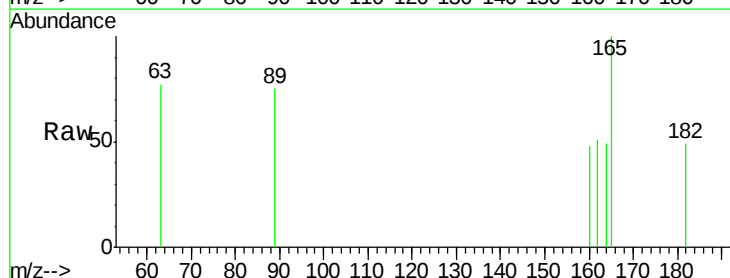
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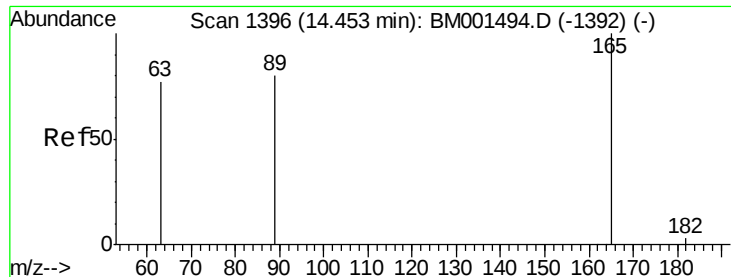
Tgt Ion:172 Resp: 668
Ion Ratio Lower Upper
172 100
171 41.6 27.2 40.8#
170 31.7 17.8 26.6#



#12
2,6-Dinitrotoluene
Concen: 0.08 ng
RT: 13.66 min Scan# 1331
Delta R.T. 0.00 min
Lab File: BM001498.D
Acq: 31 May 2015 06:18

Tgt Ion:165 Resp: 81
Ion Ratio Lower Upper
165 100
63 77.3 35.3 52.9#
89 75.3 37.4 56.2#

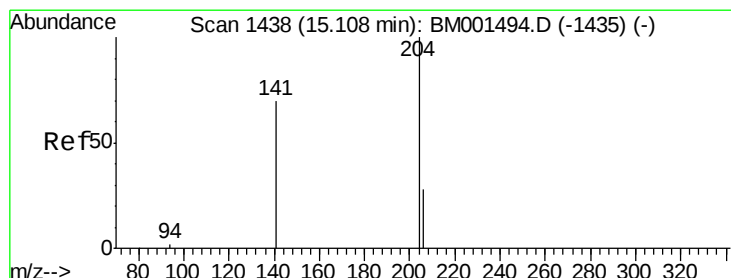
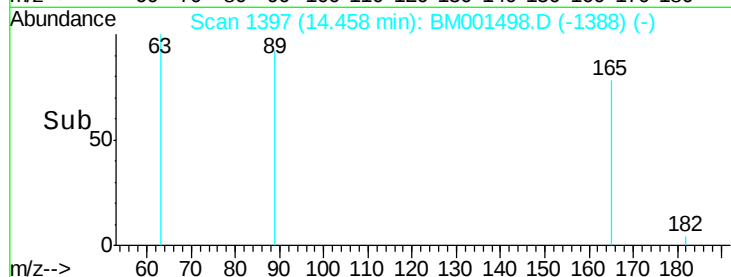
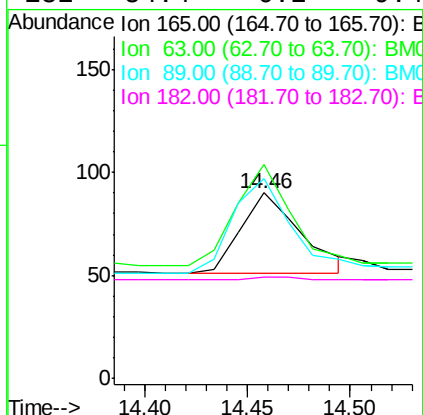
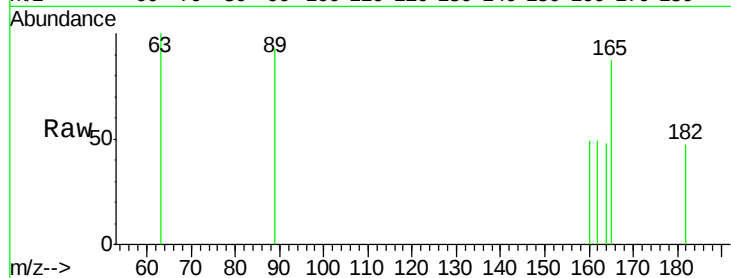




#13
2,4-Dinitrotoluene
Concen: 0.07 ng
RT: 14.46 min Scan# 1397
Delta R.T. 0.00 min
Lab File: BM001498.D
Acq: 31 May 2015 06:18

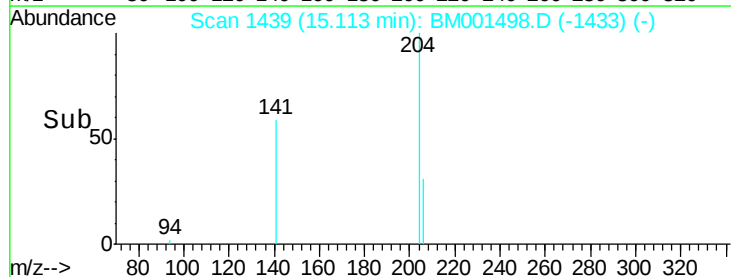
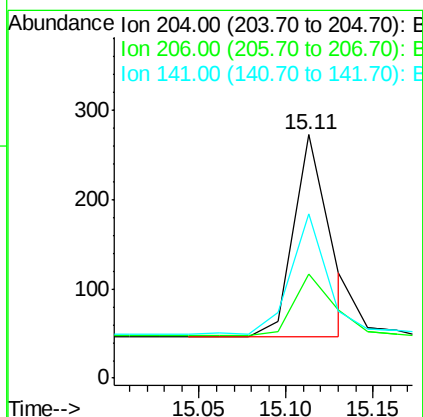
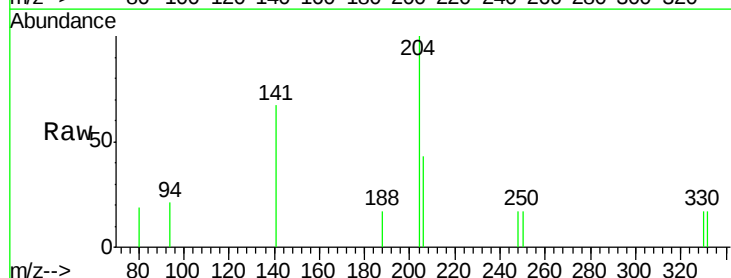
Instrument :
BNA_M
ClientSampleId :
SSTDIC0.1

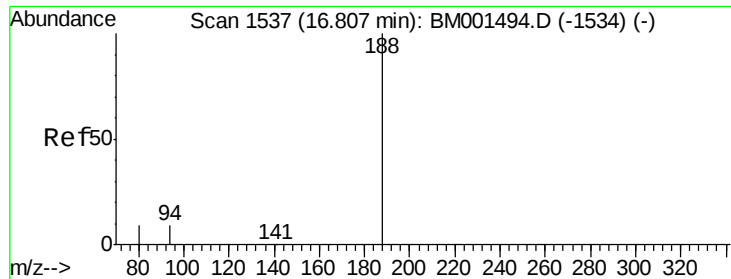
Tgt Ion:165 Resp: 79
Ion Ratio Lower Upper
165 100
63 115.6 63.9 95.9#
89 107.8 65.0 97.6#
182 54.4 6.2 9.4#



#14
4-Chlorophenyl-phenylether
Concen: 0.09 ng
RT: 15.11 min Scan# 1439
Delta R.T. 0.00 min
Lab File: BM001498.D
Acq: 31 May 2015 06:18

Tgt Ion:204 Resp: 323
Ion Ratio Lower Upper
204 100
206 42.9 23.8 35.6#
141 67.4 56.6 85.0





#15

Phenanthrene-d10

Concen: 5.00 ng

RT: 16.81 min Scan# 1538

Delta R.T. 0.00 min

Lab File: BM001498.D

Acq: 31 May 2015 06:18

Instrument :

BNA_M

ClientSampleId :

SSTDICC0.1

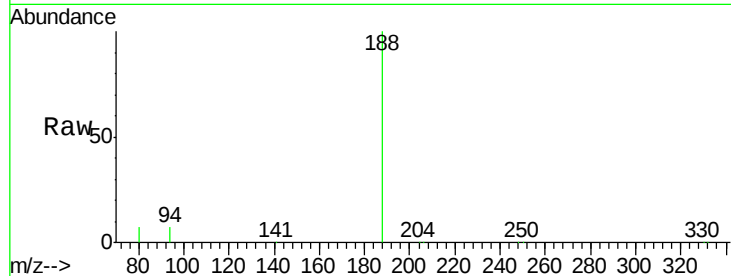
Tgt Ion:188 Resp: 47971

Ion Ratio Lower Upper

188 100

94 7.4 7.1 10.7

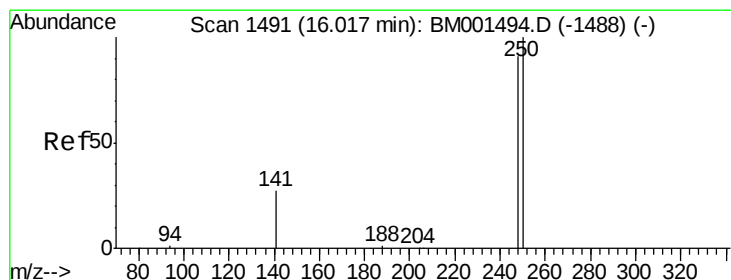
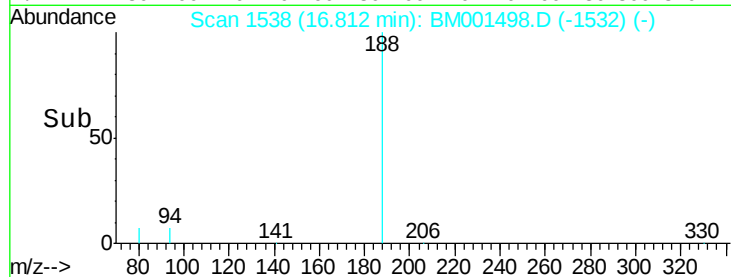
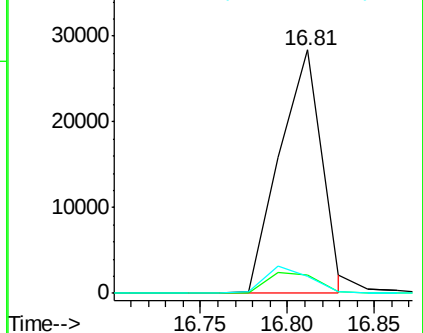
80 6.9 7.3 10.9#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM

Ion 80.00 (79.70 to 80.70): BM



#16

4-Bromophenyl-phenylether

Concen: 0.10 ng

RT: 16.01 min Scan# 1491

Delta R.T. -0.01 min

Lab File: BM001498.D

Acq: 31 May 2015 06:18

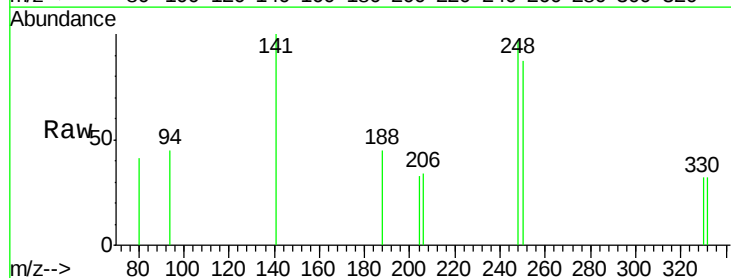
Tgt Ion:248 Resp: 194

Ion Ratio Lower Upper

248 100

250 90.1 87.3 130.9

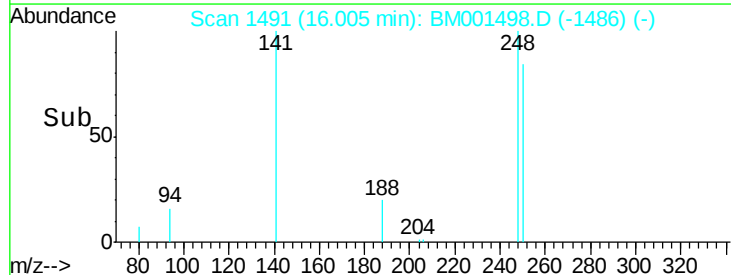
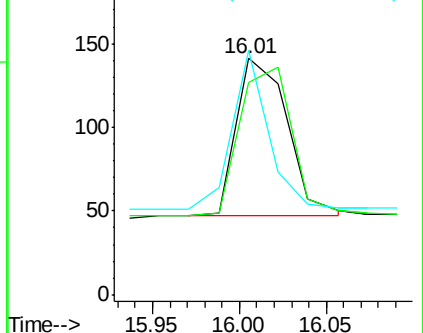
141 103.5 25.8 38.8#

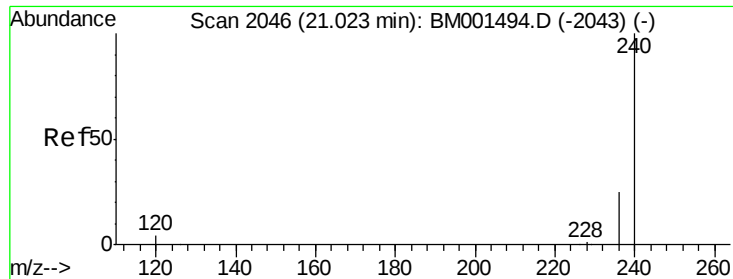


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

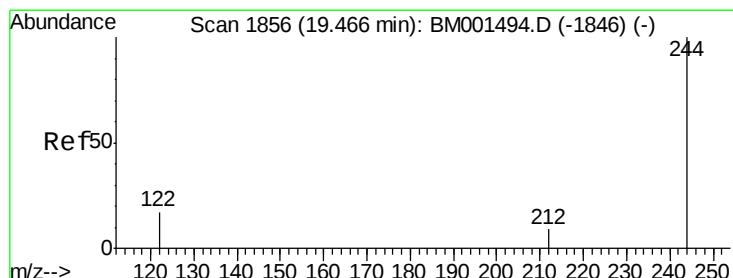
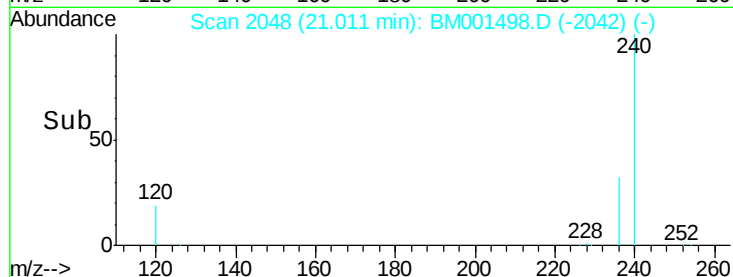
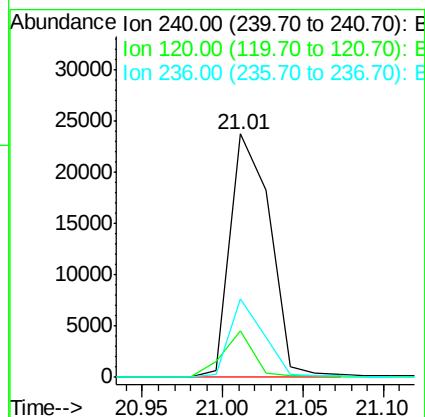
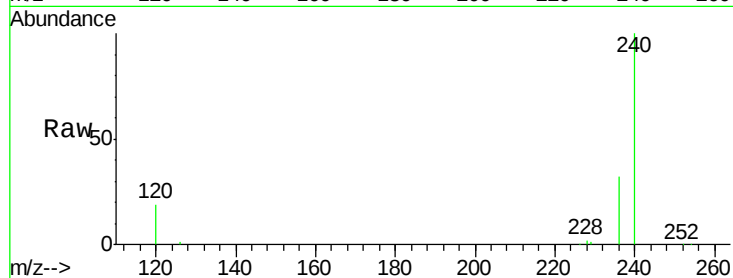




#17
Chrysene-d12
Concen: 5.00 ng
RT: 21.01 min Scan# 2048
Delta R.T. -0.01 min
Lab File: BM001498.D
Acq: 31 May 2015 06:18

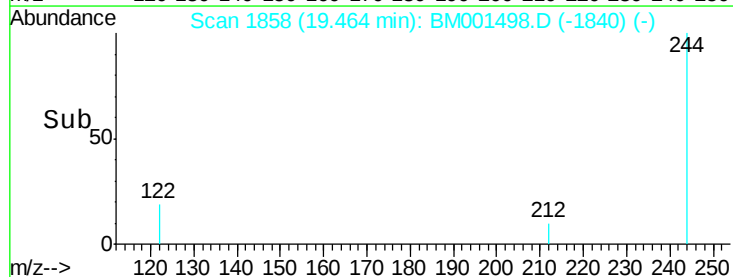
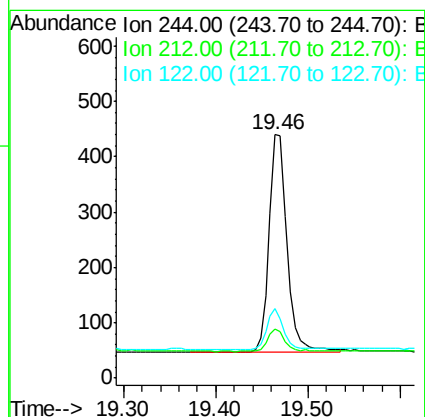
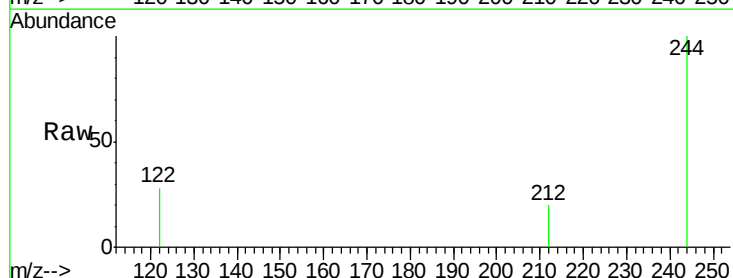
Instrument :
BNA_M
ClientSampleId :
SSTDICC0.1

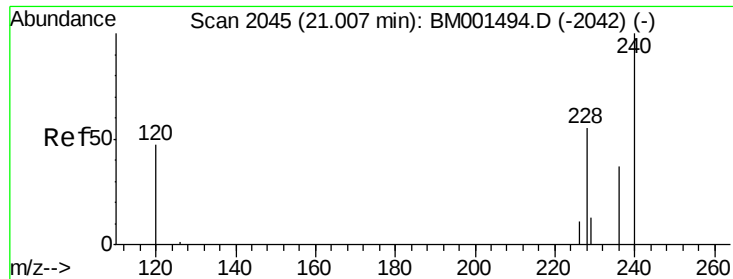
Tgt Ion:240 Resp: 40773
Ion Ratio Lower Upper
240 100
120 19.3 3.7 5.5#
236 32.3 19.8 29.8#



#18
Terphenyl-d14
Concen: 0.10 ng
RT: 19.46 min Scan# 1858
Delta R.T. -0.00 min
Lab File: BM001498.D
Acq: 31 May 2015 06:18

Tgt Ion:244 Resp: 531
Ion Ratio Lower Upper
244 100
212 20.0 8.0 12.0#
122 28.4 14.1 21.1#





#19

Benzo(a)anthracene

Concen: 0.48 ng

RT: 21.00 min Scan# 2047

Delta R.T. -0.01 min

Lab File: BM001498.D

Acq: 31 May 2015 06:18

Instrument :

BNA_M

ClientSampleId :

SSTDICC0.1

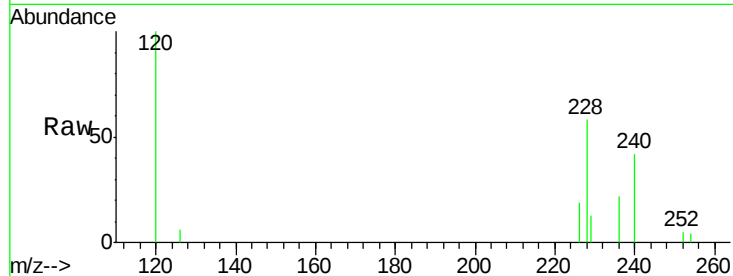
Tgt Ion: 228 Resp: 1232

Ion Ratio Lower Upper

228 100

226 32.5 17.5 26.3#

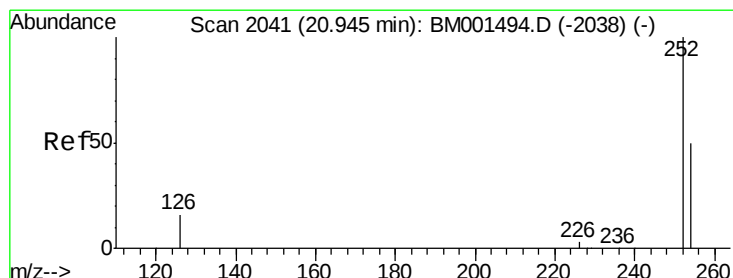
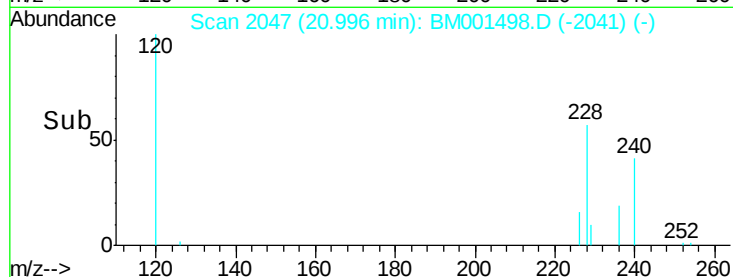
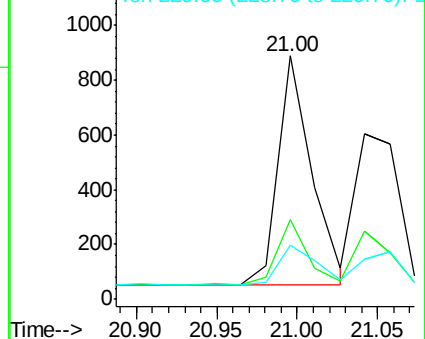
229 22.4 19.0 28.4



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#20

3,3'-Dichlorobenzidine

Concen: 0.10 ng

RT: 20.95 min Scan# 2044

Delta R.T. 0.00 min

Lab File: BM001498.D

Acq: 31 May 2015 06:18

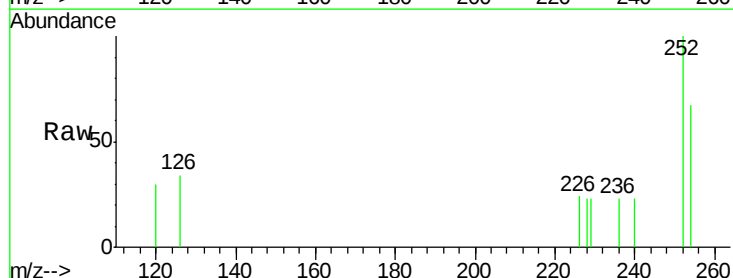
Tgt Ion: 252 Resp: 260

Ion Ratio Lower Upper

252 100

254 66.5 41.2 61.8#

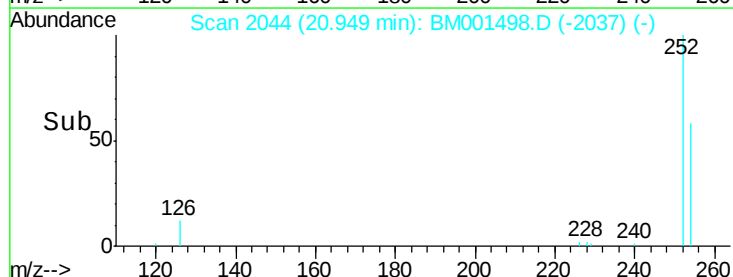
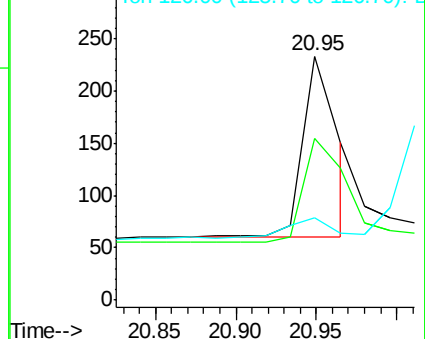
126 33.9 14.7 22.1#

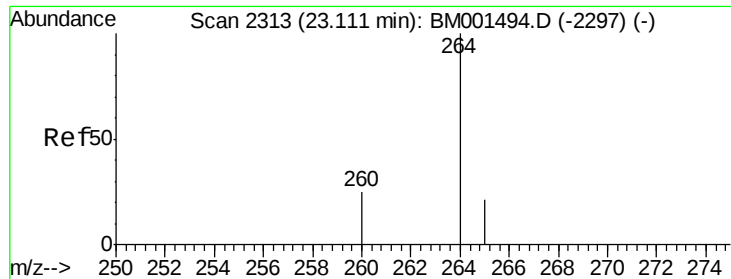


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#21
Perylene-d12
Concen: 5.00 ng
RT: 23.11 min Scan# 2317
Delta R.T. -0.00 min
Lab File: BM001498.D
Acq: 31 May 2015 06:18

Instrument :
BNA_M
ClientSampleId :
SSTDICC0.1

Tgt Ion: 264 Resp: 36194
Ion Ratio Lower Upper
264 100
260 24.7 19.8 29.8
265 22.6 18.0 27.0

