

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM053115\
 Data File : BM001492.D
 Acq On : 31 May 2015 02:42
 Operator : TP/IZ
 Sample : SSTDICC005
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC005

Quant Time: May 31 05:13:37 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	13582	5.00	ng	0.00
6) Naphthalene-d8	10.15	136	51688	5.00	ng	0.00
9) Acenaphthene-d10	14.07	164	26770	5.00	ng	0.00
15) Phenanthrene-d10	16.81	188	53615	5.00	ng	0.00
17) Chrysene-d12	21.02	240	45268	5.00	ng	0.00
21) Perylene-d12	23.11	264	39560	5.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
2) 2-Fluorophenol	4.97	112	13164	5.84	ng	0.00
3) Phenol-d6	6.57	99	17803	7.40	ng	0.00
7) Nitrobenzene-d5	8.53	82	14402	5.15	ng	0.00
10) 2,4,6-Tribromophenol	15.57	330	5255	6.32	ng	0.00
11) 2-Fluorobiphenyl	12.67	172	38615	5.11	ng	0.00
18) Terphenyl-d14	19.47	244	28701	5.07	ng	0.00

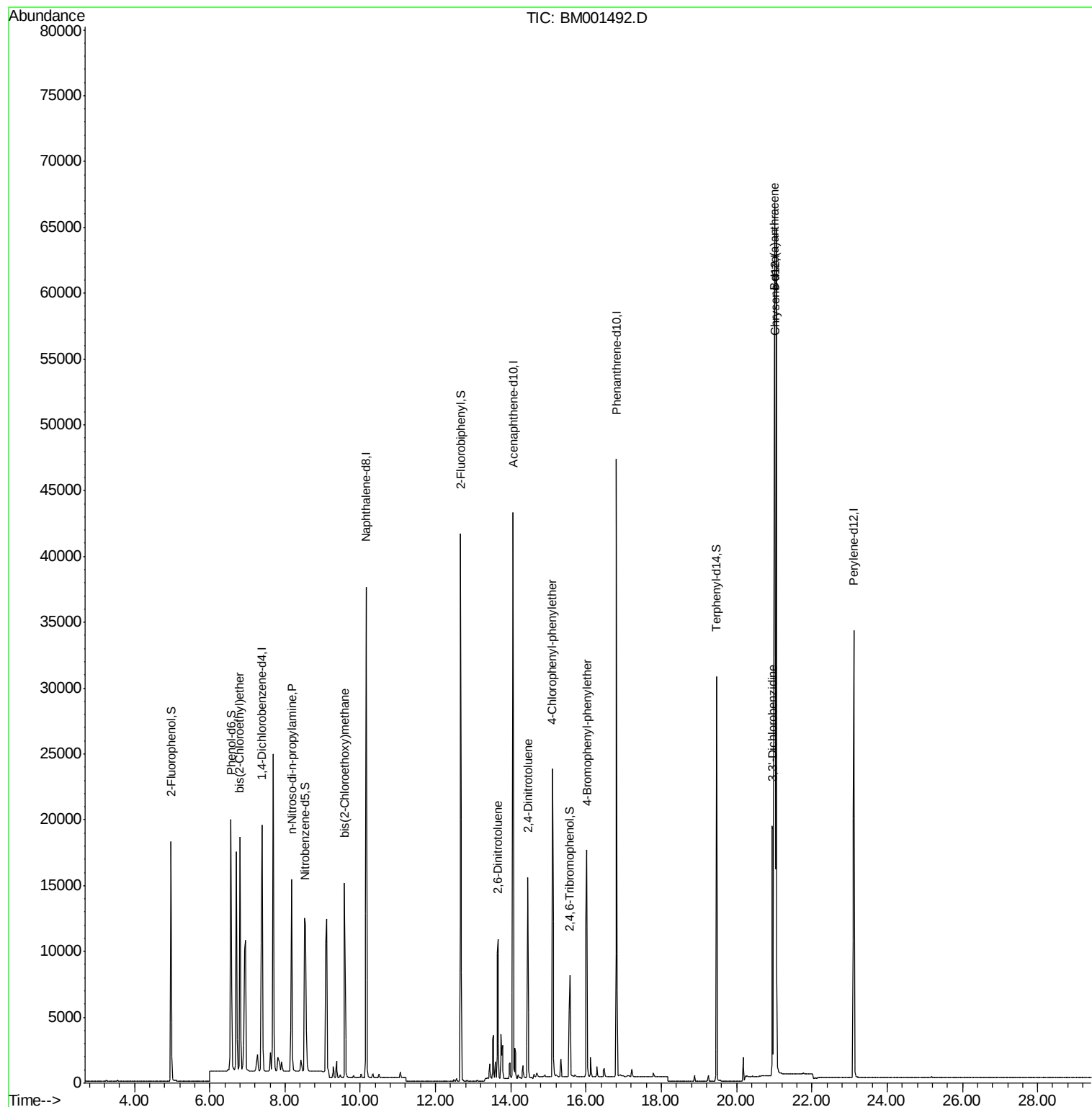
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
4) bis(2-Chloroethyl)ether	6.80	93	13196	5.24	ng	88
5) n-Nitroso-di-n-propylamine	8.18	70	11510	7.70	ng	# 95
8) bis(2-Chloroethoxy)methane	9.58	93	17790	6.32	ng	96
12) 2,6-Dinitrotoluene	13.65	165	7905	6.90	ng	90
13) 2,4-Dinitrotoluene	14.45	165	9764	7.38	ng	# 71
14) 4-Chlorophenyl-phenylether	15.11	204	19119	4.74	ng	99
16) 4-Bromophenyl-phenylether	16.02	248	11246	5.35	ng	99
19) Benzo(a)anthracene	21.01	228	54616	19.19	ng	97
20) 3,3'-Dichlorobenzidine	20.95	252	20535	6.83	ng	99

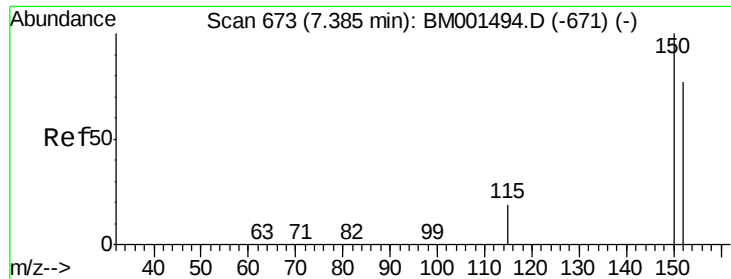
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 7.38 min Scan# 673

Delta R.T. 0.00 min

Lab File: BM001492.D

Acq: 31 May 2015 02:42

Instrument :

BNA_M

ClientSampleId :

SSTDIC005

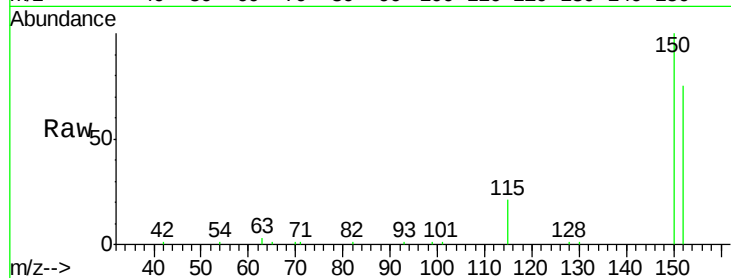
Tgt Ion:152 Resp: 13582

Ion Ratio Lower Upper

152 100

150 133.1 103.8 155.8

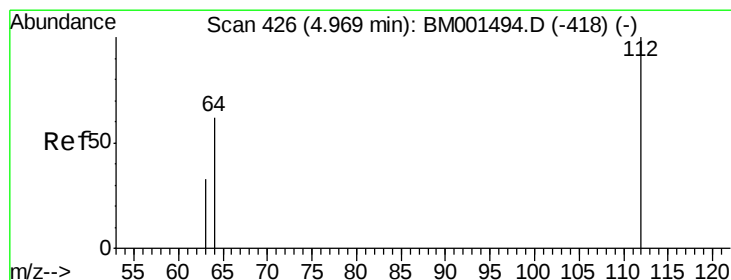
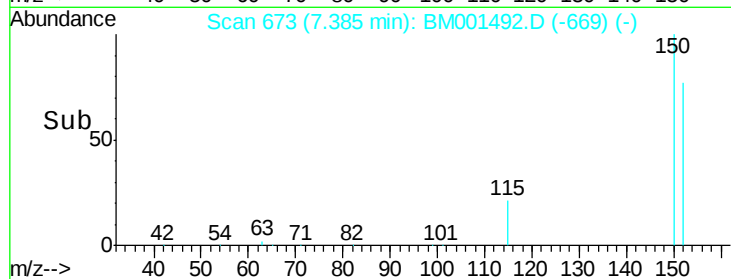
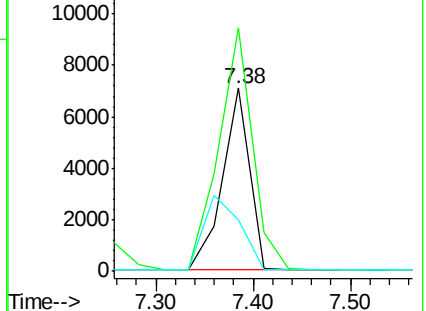
115 28.1 20.7 31.1



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

2-Fluorophenol

Concen: 5.84 ng

RT: 4.97 min Scan# 426

Delta R.T. 0.00 min

Lab File: BM001492.D

Acq: 31 May 2015 02:42

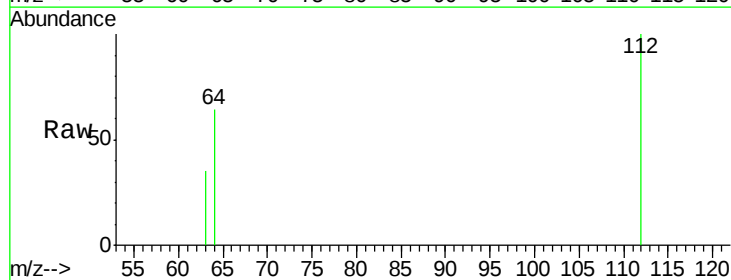
Tgt Ion:112 Resp: 13164

Ion Ratio Lower Upper

112 100

64 63.9 50.2 75.2

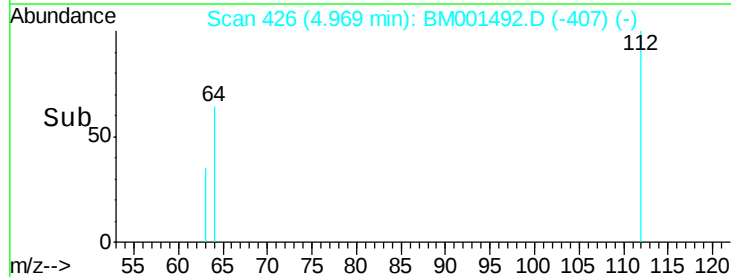
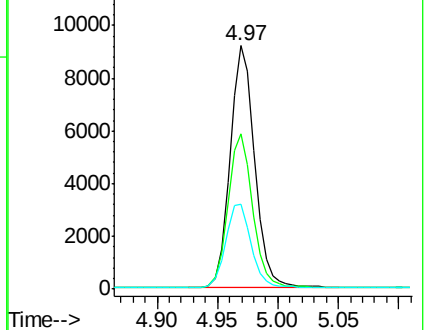
63 34.9 28.2 42.4

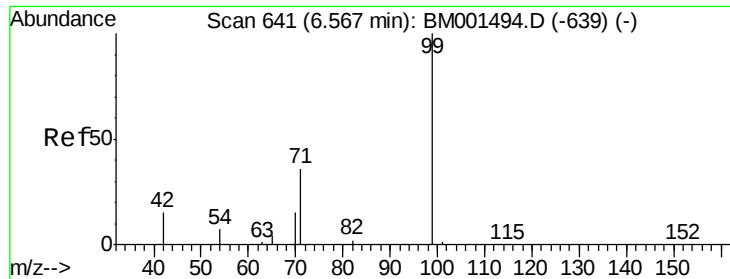


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BM0

Ion 63.00 (62.70 to 63.70): BM0





#3

Phenol-d6

Concen: 7.40 ng

RT: 6.57 min Scan# 641

Delta R.T. 0.00 min

Lab File: BM001492.D

Acq: 31 May 2015 02:42

Instrument :

BNA_M

ClientSampleId :

SSTDIC005

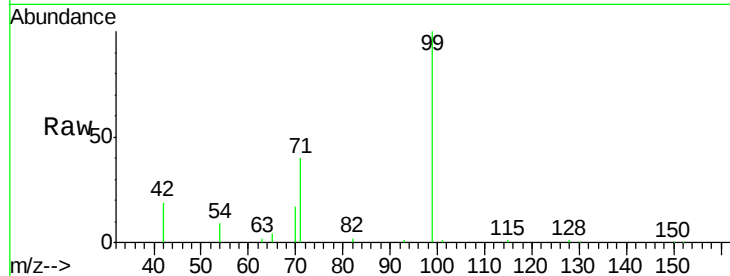
Tgt Ion: 99 Resp: 17803

Ion Ratio Lower Upper

99 100

42 18.7 15.2 22.8

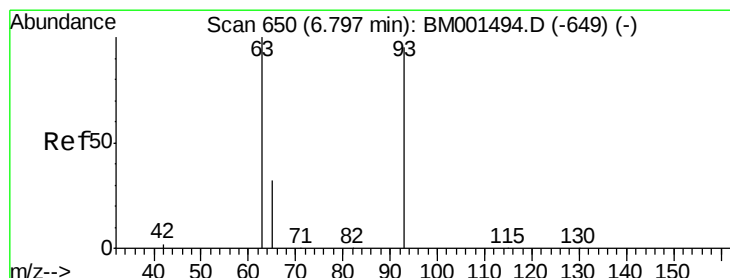
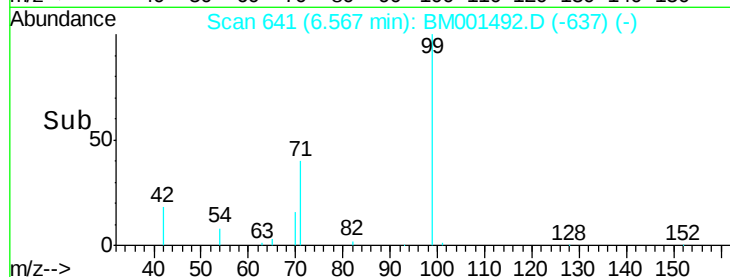
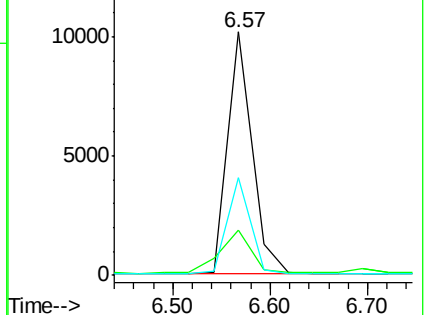
71 40.2 30.6 46.0



Abundance Ion 99.00 (98.70 to 99.70): BM001492.D (-637) (-)

Ion 42.00 (41.70 to 42.70): BM001492.D (-637) (-)

Ion 71.00 (70.70 to 71.70): BM001492.D (-637) (-)



#4

bis(2-Chloroethyl)ether

Concen: 5.24 ng

RT: 6.80 min Scan# 650

Delta R.T. 0.00 min

Lab File: BM001492.D

Acq: 31 May 2015 02:42

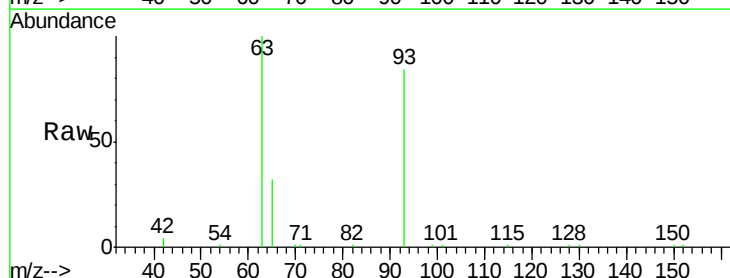
Tgt Ion: 93 Resp: 13196

Ion Ratio Lower Upper

93 100

63 119.5 86.8 126.8

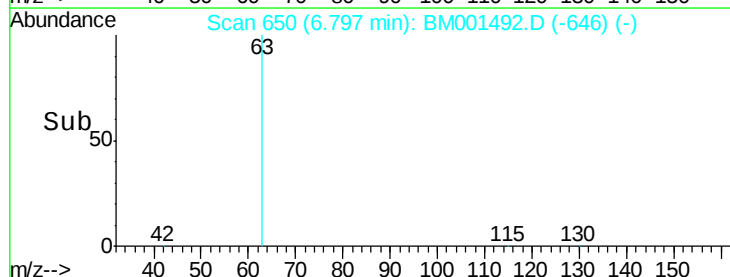
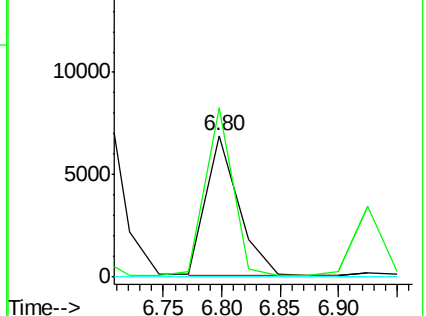
95 0.0 0.0 20.0

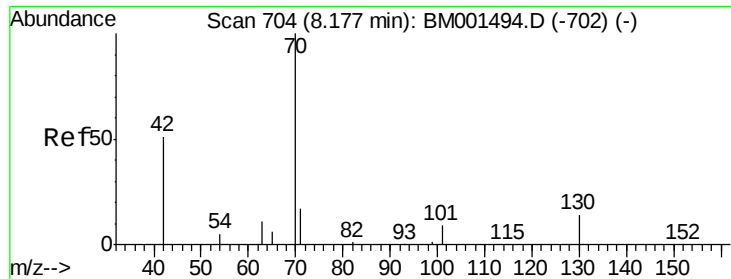


Abundance Ion 93.00 (92.70 to 93.70): BM001492.D (-646) (-)

Ion 63.00 (62.70 to 63.70): BM001492.D (-646) (-)

Ion 95.00 (94.70 to 95.70): BM001492.D (-646) (-)





#5

n-Nitroso-di-n-propylamine

Concen: 7.70 ng

RT: 8.18 min Scan# 704

Delta R.T. 0.00 min

Lab File: BM001492.D

Acq: 31 May 2015 02:42

Instrument :

BNA_M

ClientSampleId :

SSTDIC005

Tgt Ion: 70 Resp: 11510

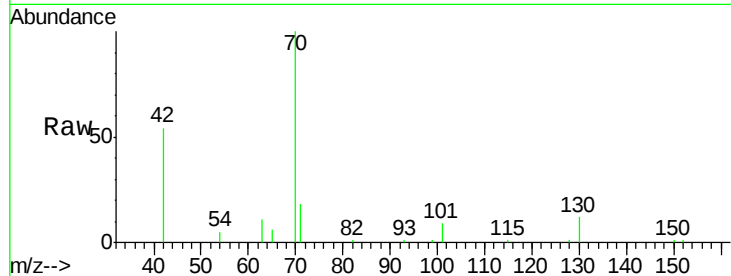
Ion Ratio Lower Upper

70 100

42 53.8 44.2 66.2

101 9.4 10.3 15.5#

130 12.4 13.9 20.9#

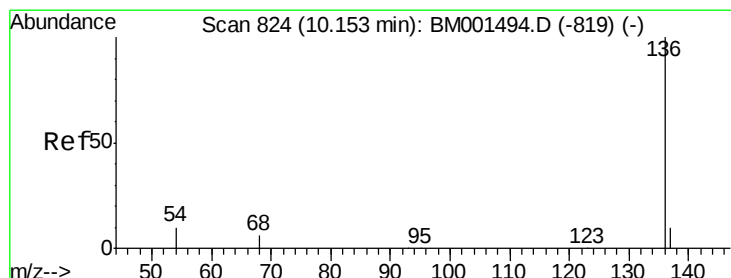
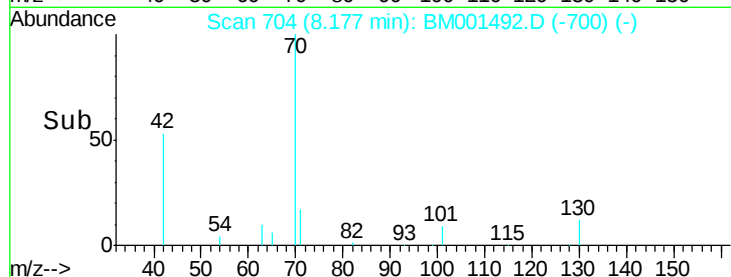
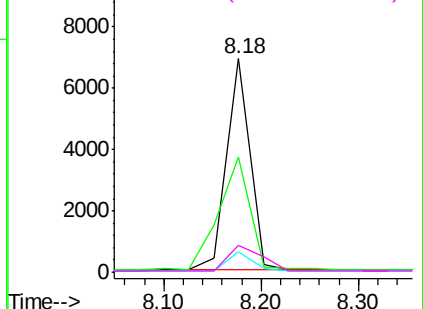


Abundance Ion 70.00 (69.70 to 70.70): BM0

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: BM001492.D

Acq: 31 May 2015 02:42

Tgt Ion: 136 Resp: 51688

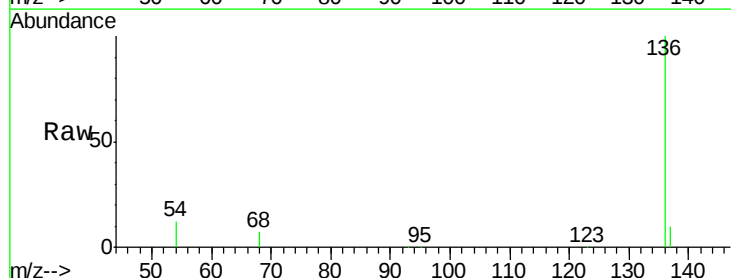
Ion Ratio Lower Upper

136 100

137 10.2 8.3 12.5

54 11.8 8.5 12.7

68 6.7 5.0 7.4

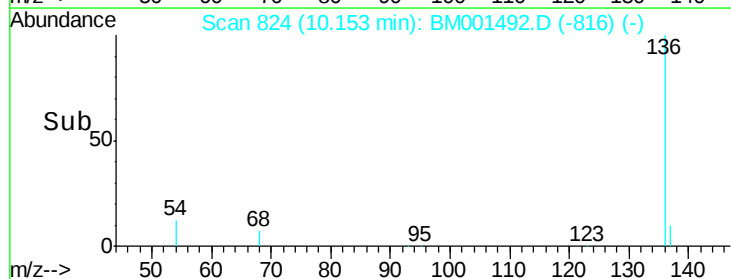
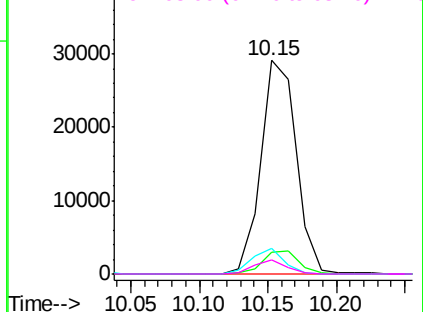


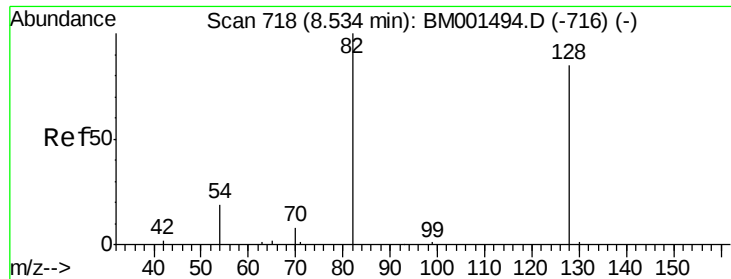
Abundance Ion 136.00 (135.70 to 136.70): E

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: 5.15 ng

RT: 8.53 min Scan# 718

Delta R.T. 0.00 min

Lab File: BM001492.D

Acq: 31 May 2015 02:42

Instrument :

BNA_M

ClientSampleId :

SSTDIC005

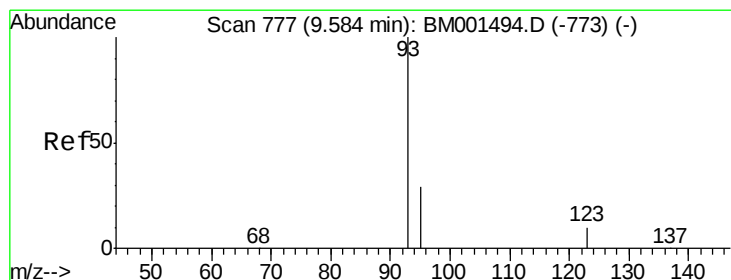
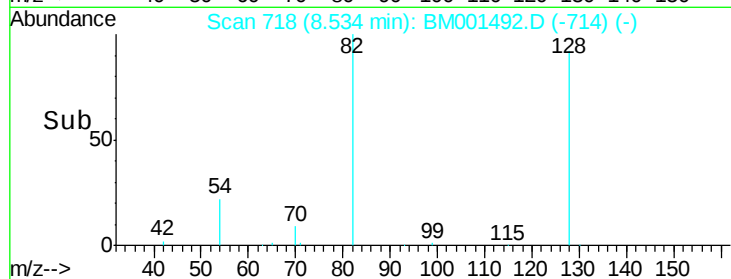
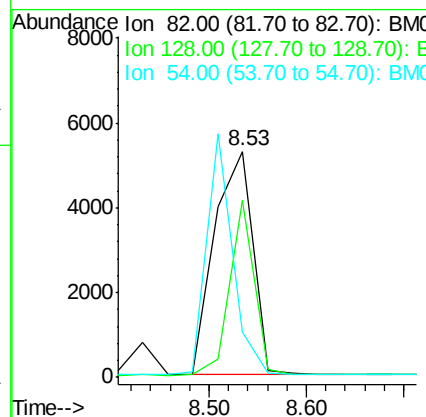
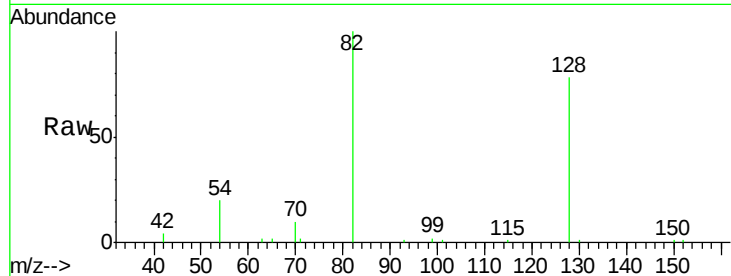
Tgt Ion: 82 Resp: 14402

Ion Ratio Lower Upper

82 100

128 78.4 68.2 102.2

54 20.0 21.0 31.4#



#8

bis(2-Chloroethoxy)methane

Concen: 6.32 ng

RT: 9.58 min Scan# 777

Delta R.T. 0.00 min

Lab File: BM001492.D

Acq: 31 May 2015 02:42

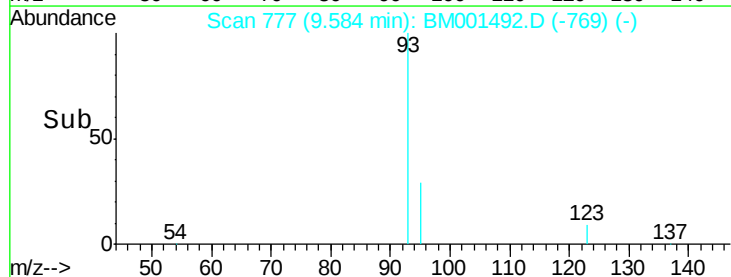
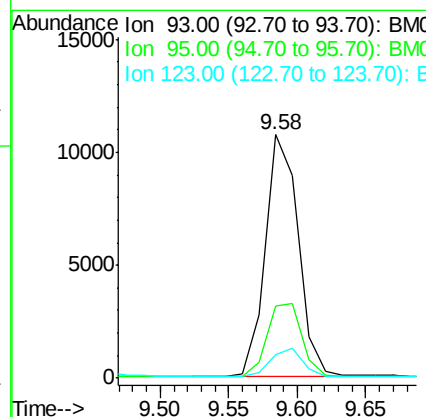
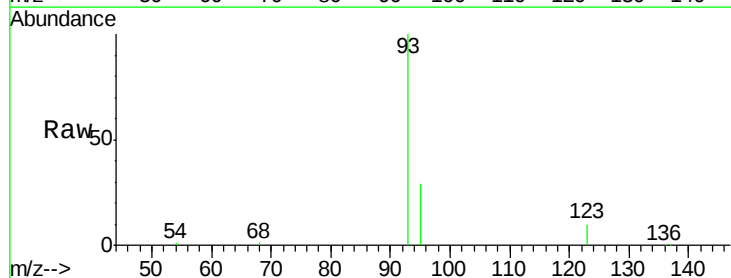
Tgt Ion: 93 Resp: 17790

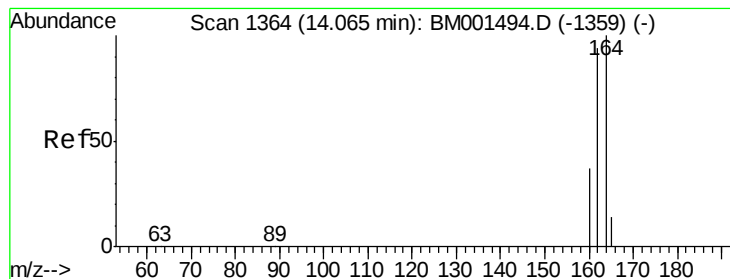
Ion Ratio Lower Upper

93 100

95 29.5 25.0 37.6

123 9.5 9.5 14.3





#9

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.07 min Scan# 1364

Delta R.T. 0.00 min

Lab File: BM001492.D

Acq: 31 May 2015 02:42

Instrument :

BNA_M

ClientSampleId :

SSTDIC005

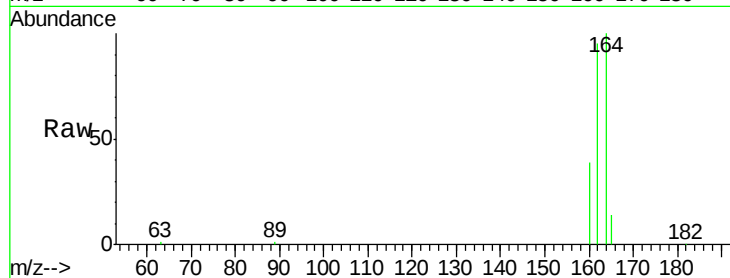
Tgt Ion:164 Resp: 26770

Ion Ratio Lower Upper

164 100

162 95.4 75.3 112.9

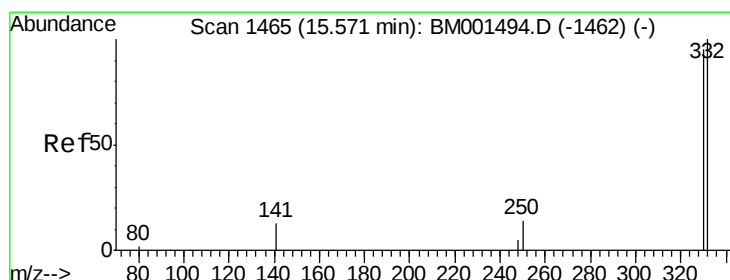
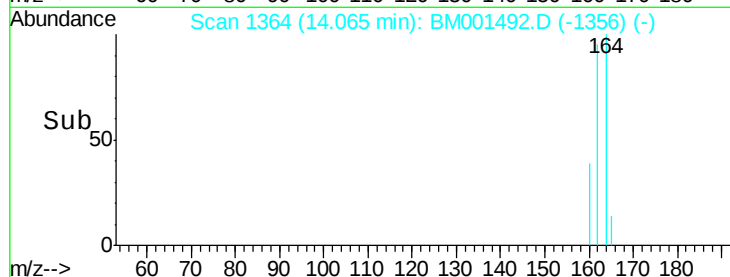
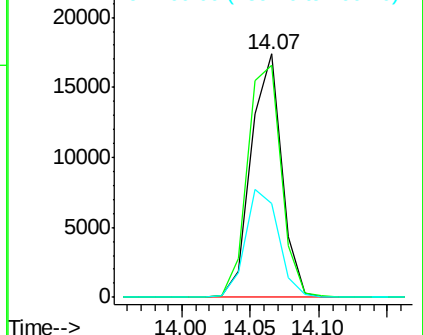
160 38.8 30.1 45.1



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: 6.32 ng

RT: 15.57 min Scan# 1465

Delta R.T. 0.00 min

Lab File: BM001492.D

Acq: 31 May 2015 02:42

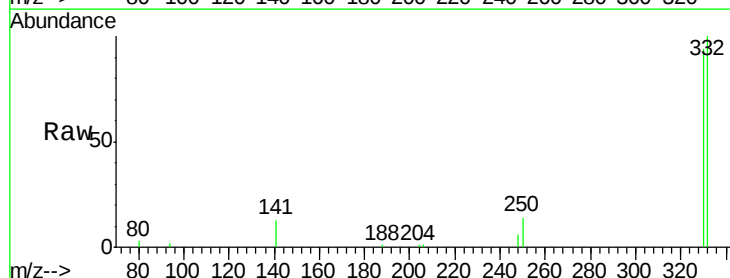
Tgt Ion:330 Resp: 5255

Ion Ratio Lower Upper

330 100

332 97.6 77.6 116.4

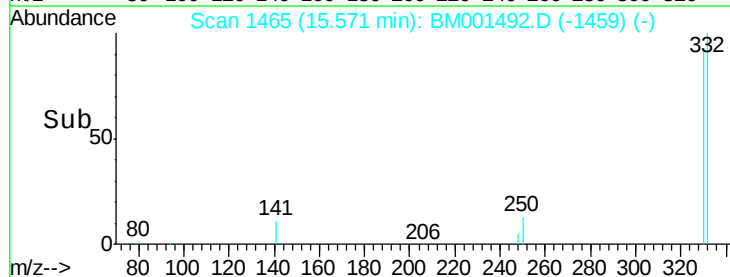
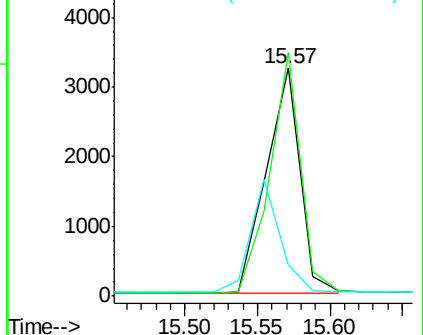
141 43.4 34.3 51.5

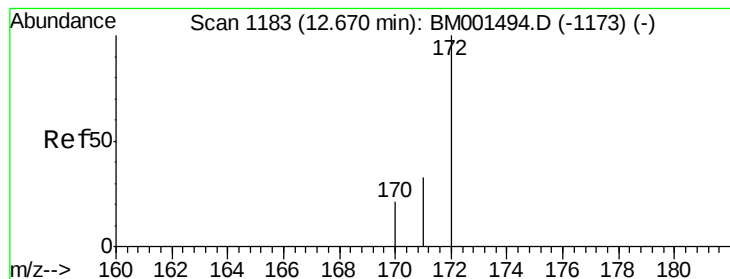


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

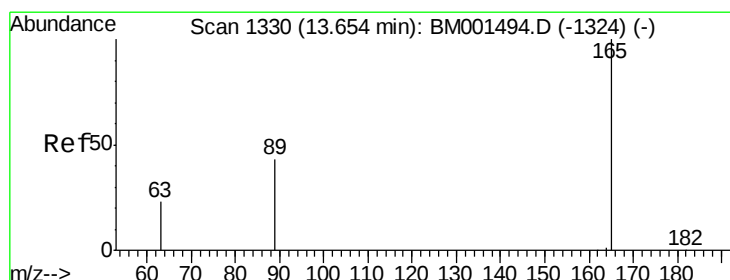
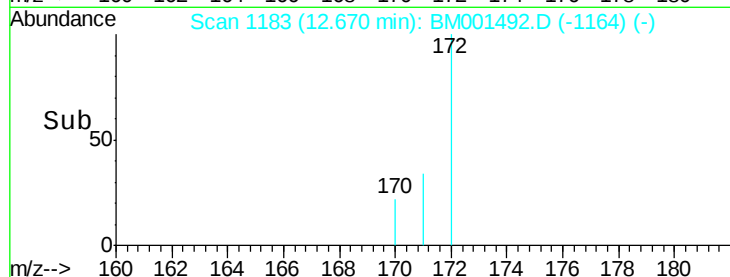
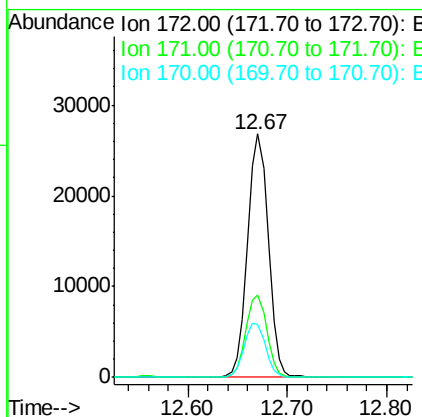
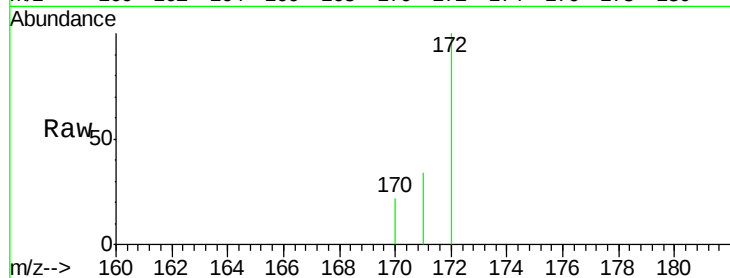




#11
2-Fluorobiphenyl
Concen: 5.11 ng
RT: 12.67 min Scan# 1183
Delta R.T. 0.00 min
Lab File: BM001492.D
Acq: 31 May 2015 02:42

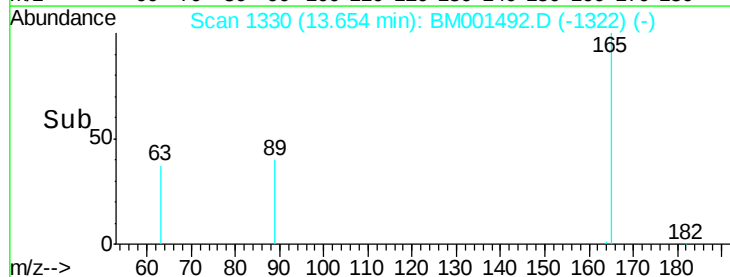
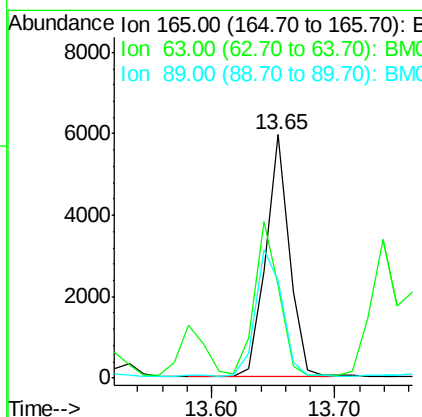
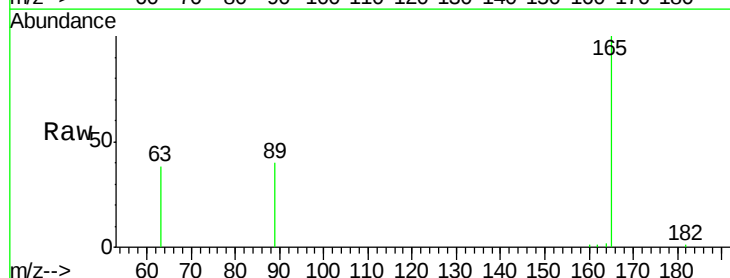
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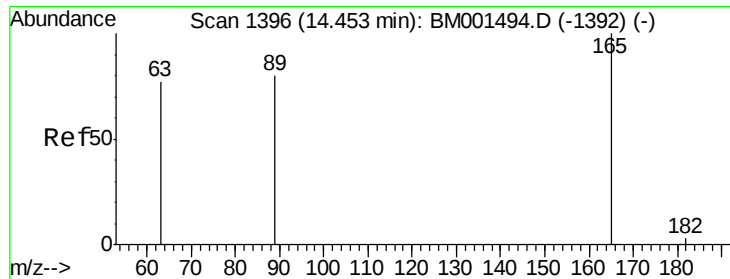
Tgt Ion:172 Resp: 38615
Ion Ratio Lower Upper
172 100
171 33.9 27.2 40.8
170 21.8 17.8 26.6



#12
2,6-Dinitrotoluene
Concen: 6.90 ng
RT: 13.65 min Scan# 1330
Delta R.T. 0.00 min
Lab File: BM001492.D
Acq: 31 May 2015 02:42

Tgt Ion:165 Resp: 7905
Ion Ratio Lower Upper
165 100
63 37.9 35.3 52.9
89 40.3 37.4 56.2

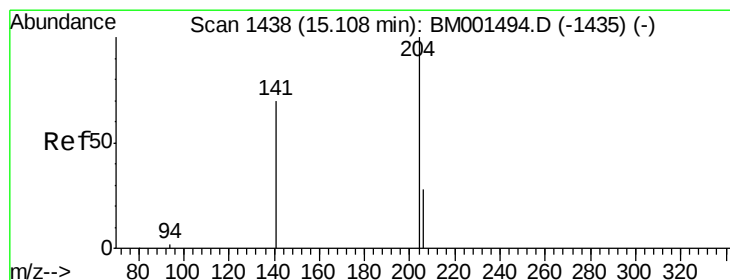
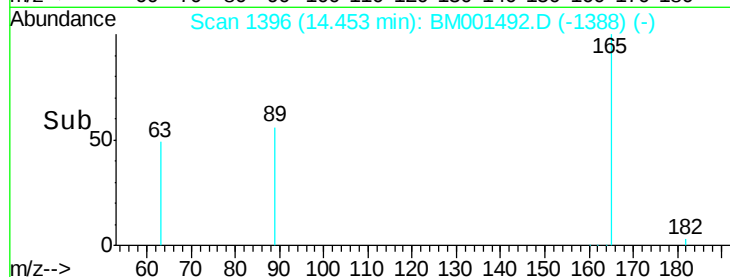
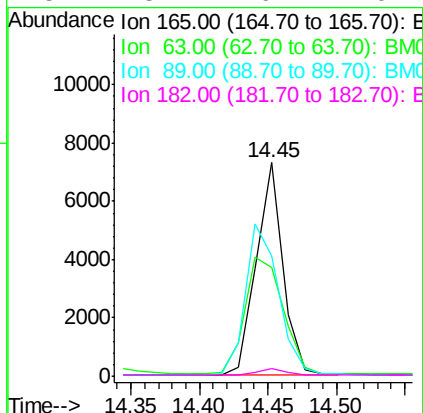
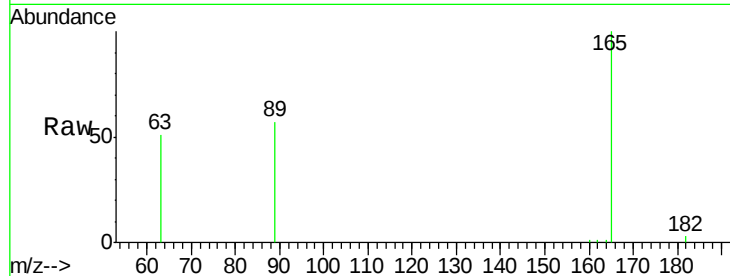




#13
2,4-Dinitrotoluene
Concen: 7.38 ng
RT: 14.45 min Scan# 1396
Delta R.T. 0.00 min
Lab File: BM001492.D
Acq: 31 May 2015 02:42

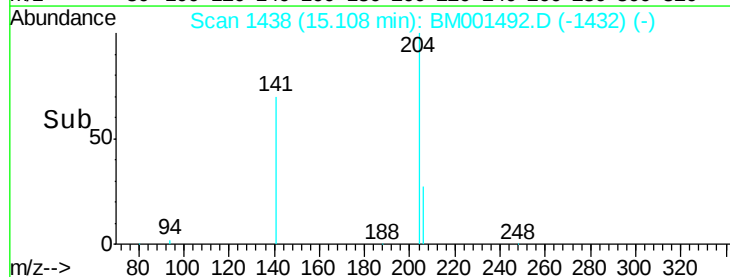
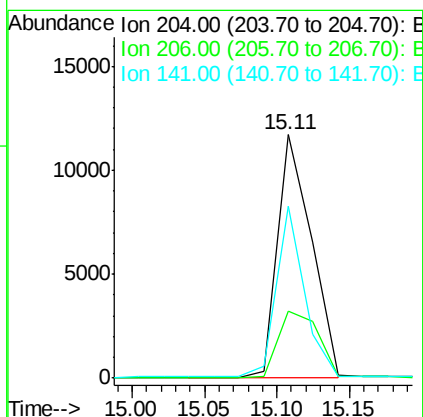
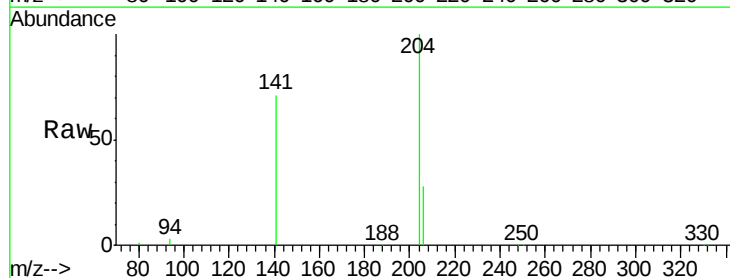
Instrument :
BNA_M
ClientSampleId :
SSTDIC005

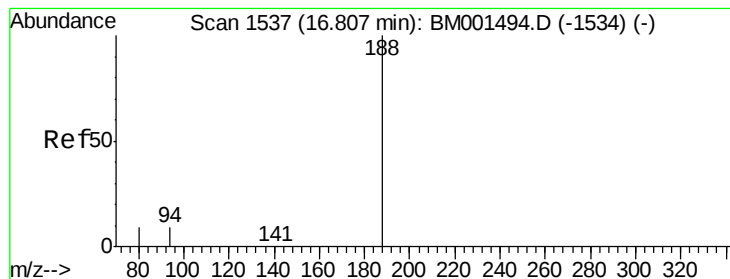
Tgt Ion:165 Resp: 9764
Ion Ratio Lower Upper
165 100
63 51.0 63.9 95.9#
89 56.6 65.0 97.6#
182 3.4 6.2 9.4#



#14
4-Chlorophenyl-phenylether
Concen: 4.74 ng
RT: 15.11 min Scan# 1438
Delta R.T. 0.00 min
Lab File: BM001492.D
Acq: 31 May 2015 02:42

Tgt Ion:204 Resp: 19119
Ion Ratio Lower Upper
204 100
206 27.8 23.8 35.6
141 70.6 56.6 85.0





#15

Phenanthrene-d10

Concen: 5.00 ng

RT: 16.81 min Scan# 1537

Delta R.T. 0.00 min

Lab File: BM001492.D

Acq: 31 May 2015 02:42

Instrument :

BNA_M

ClientSampleId :

SSTDICC005

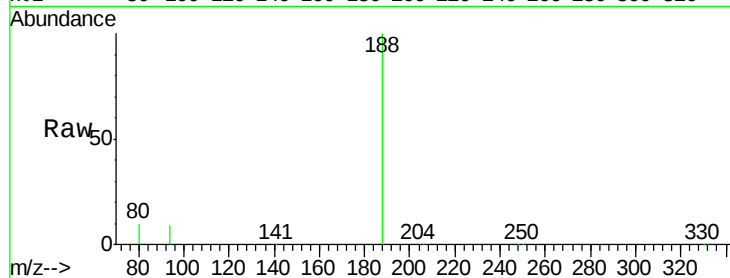
Tgt Ion:188 Resp: 53615

Ion Ratio Lower Upper

188 100

94 9.4 7.1 10.7

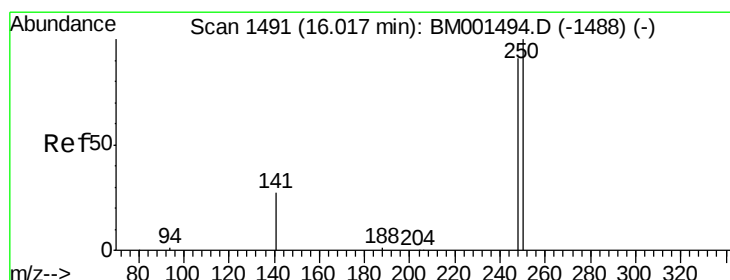
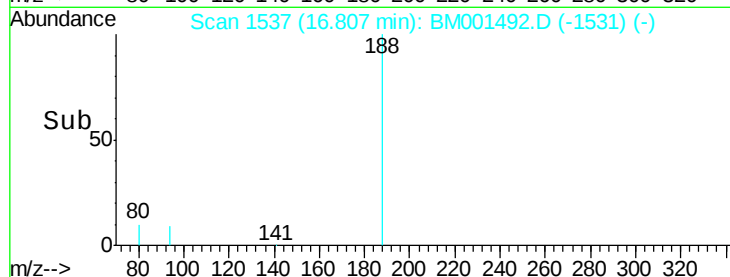
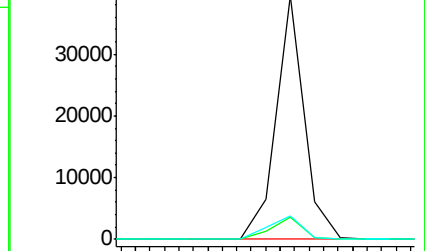
80 9.9 7.3 10.9



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: 5.35 ng

RT: 16.02 min Scan# 1491

Delta R.T. 0.00 min

Lab File: BM001492.D

Acq: 31 May 2015 02:42

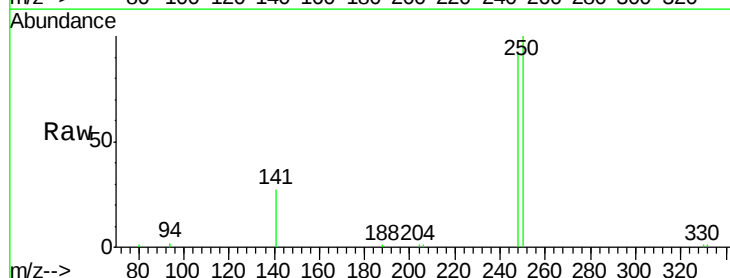
Tgt Ion:248 Resp: 11246

Ion Ratio Lower Upper

248 100

250 109.0 87.3 130.9

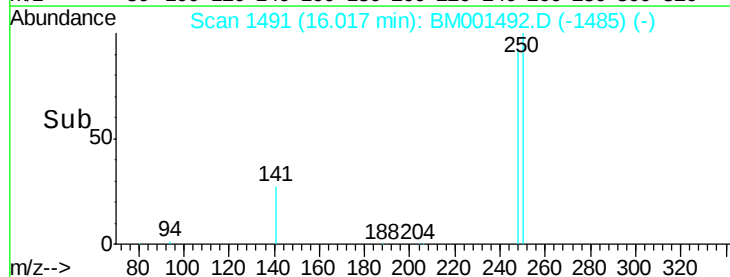
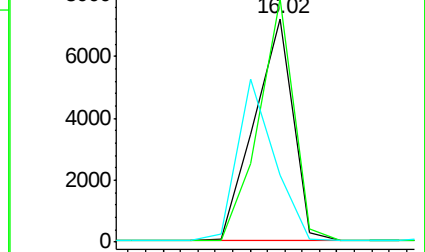
141 29.8 25.8 38.8

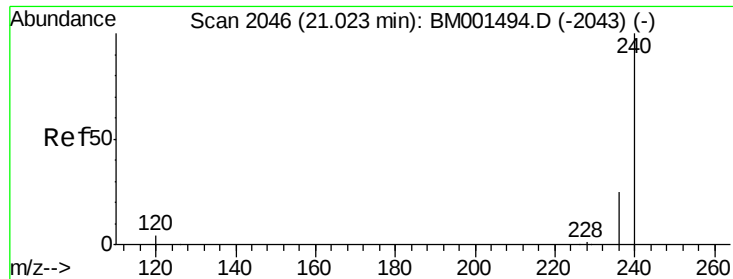


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

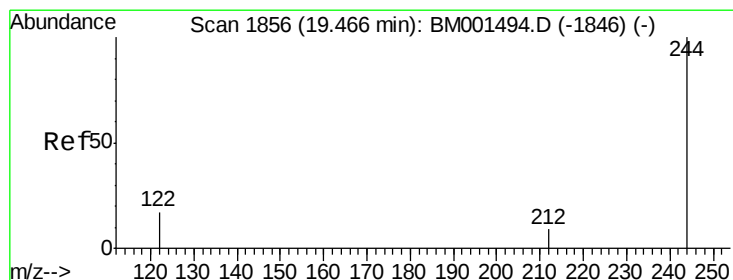
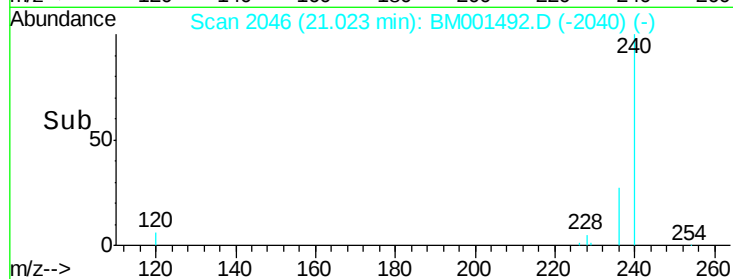
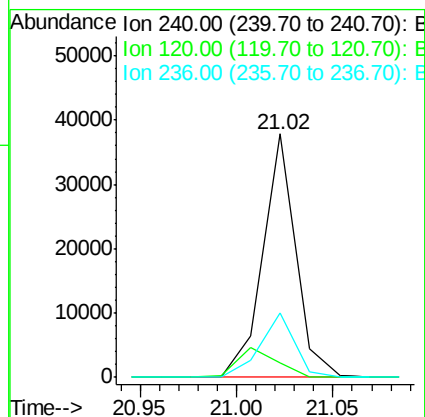
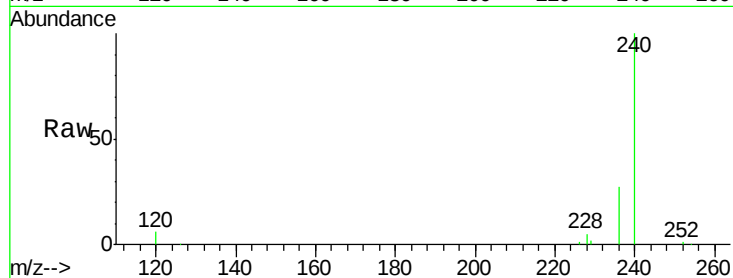




#17
 Chrysene-d12
 Concen: 5.00 ng
 RT: 21.02 min Scan# 2046
 Delta R.T. 0.00 min
 Lab File: BM001492.D
 Acq: 31 May 2015 02:42

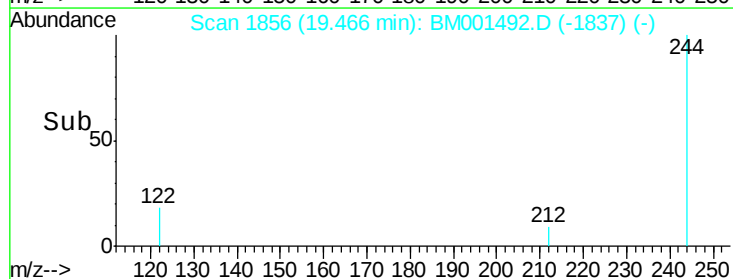
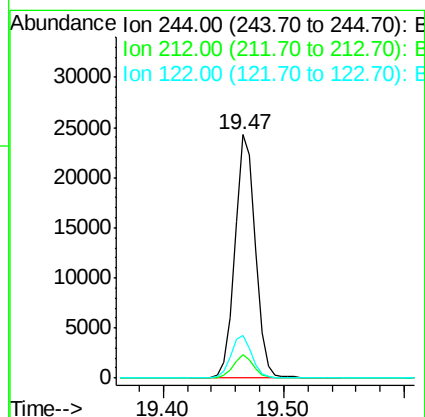
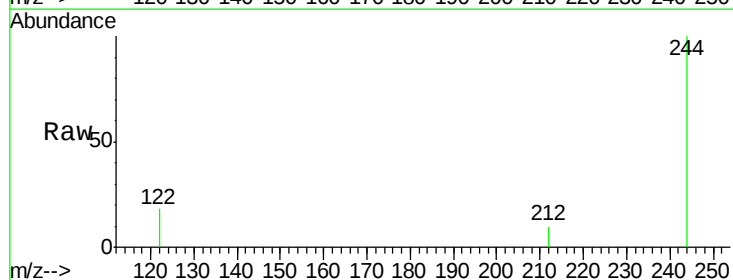
Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC005

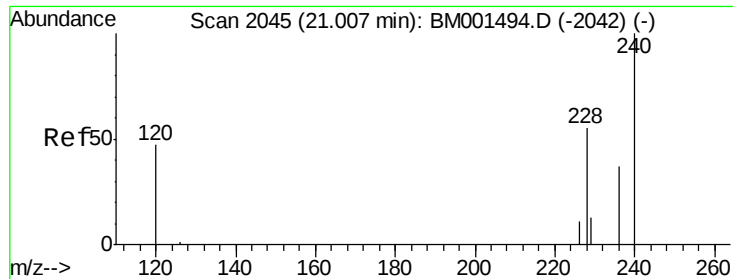
Tgt Ion:240 Resp: 45268
 Ion Ratio Lower Upper
 240 100
 120 5.8 3.7 5.5#
 236 26.7 19.8 29.8



#18
 Terphenyl-d14
 Concen: 5.07 ng
 RT: 19.47 min Scan# 1856
 Delta R.T. 0.00 min
 Lab File: BM001492.D
 Acq: 31 May 2015 02:42

Tgt Ion:244 Resp: 28701
 Ion Ratio Lower Upper
 244 100
 212 9.5 8.0 12.0
 122 17.7 14.1 21.1





#19

Benzo(a)anthracene

Concen: 19.19 ng

RT: 21.01 min Scan# 2045

Delta R.T. 0.00 min

Lab File: BM001492.D

Acq: 31 May 2015 02:42

Instrument :

BNA_M

ClientSampleId :

SSTDICC005

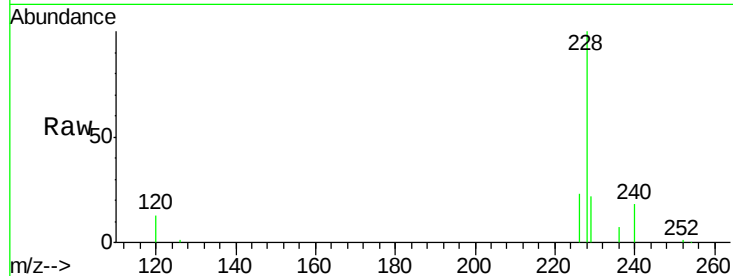
Tgt Ion:228 Resp: 54616

Ion Ratio Lower Upper

228 100

226 22.8 17.5 26.3

229 21.6 19.0 28.4

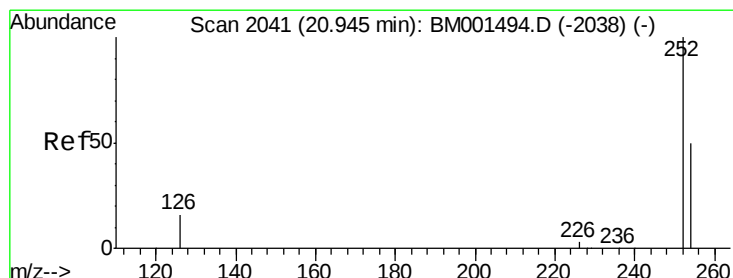
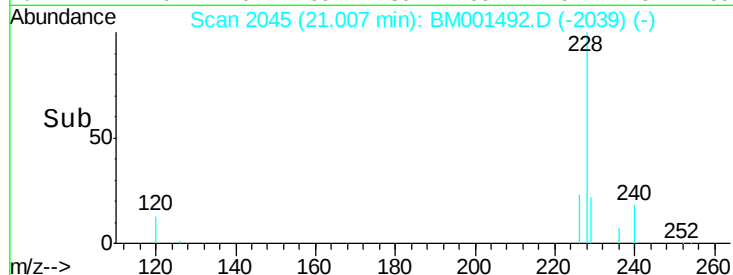
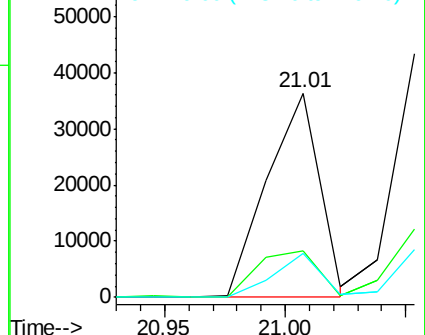


Abundance

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: 6.83 ng

RT: 20.95 min Scan# 2041

Delta R.T. 0.00 min

Lab File: BM001492.D

Acq: 31 May 2015 02:42

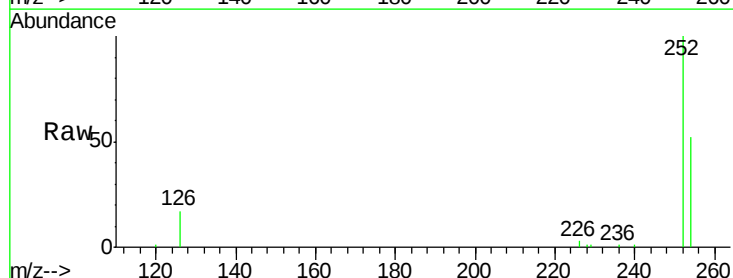
Tgt Ion:252 Resp: 20535

Ion Ratio Lower Upper

252 100

254 51.5 41.2 61.8

126 17.5 14.7 22.1

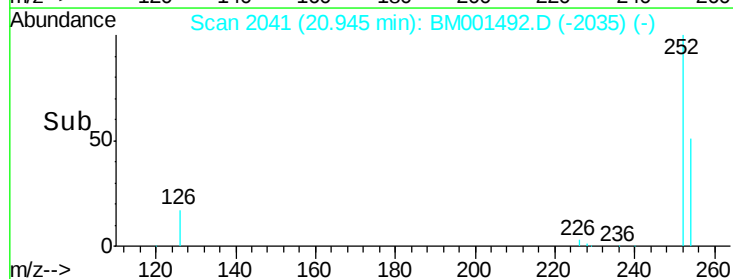
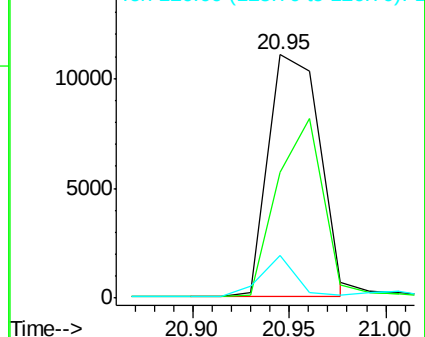


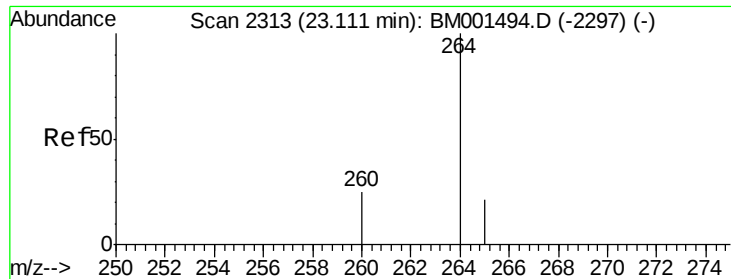
Abundance

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# 2313
Delta R.T. 0.00 min
Lab File: BM001492.D
Acq: 31 May 2015 02:42

Instrument :
BNA_M
ClientSampleId :
SSTDIC005

Tgt Ion: 264 Resp: 39560
Ion Ratio Lower Upper
264 100
260 25.2 19.8 29.8
265 21.4 18.0 27.0

