

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM053115\
 Data File : BM001507.D
 Acq On : 31 May 2015 11:44
 Operator : TP/IZ
 Sample : SSTDICCC001
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC001EC

Quant Time: Jun 01 05:51:38 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 07:43:08 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.38	152	12281	5.00	ng	0.00
6) Naphthalene-d8	10.15	136	46133	5.00	ng	0.00
9) Acenaphthene-d10	14.06	164	24392	5.00	ng	0.00
15) Phenanthrene-d10	16.81	188	48961	5.00	ng	0.00
17) Chrysene-d12	21.01	240	39460	5.00	ng	-0.01
21) Perylene-d12	23.11	264	35416	5.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
2) 2-Fluorophenol	4.97	112	2391	0.99	ng	0.00
3) Phenol-d6	6.57	99	3188	1.01	ng	0.00
7) Nitrobenzene-d5	8.53	82	2380	0.95	ng	0.00
10) 2,4,6-Tribromophenol	15.56	330	790	0.91	ng	-0.01
11) 2-Fluorobiphenyl	12.67	172	7052	1.00	ng	0.00
18) Terphenyl-d14	19.46	244	5246	0.99	ng	0.00

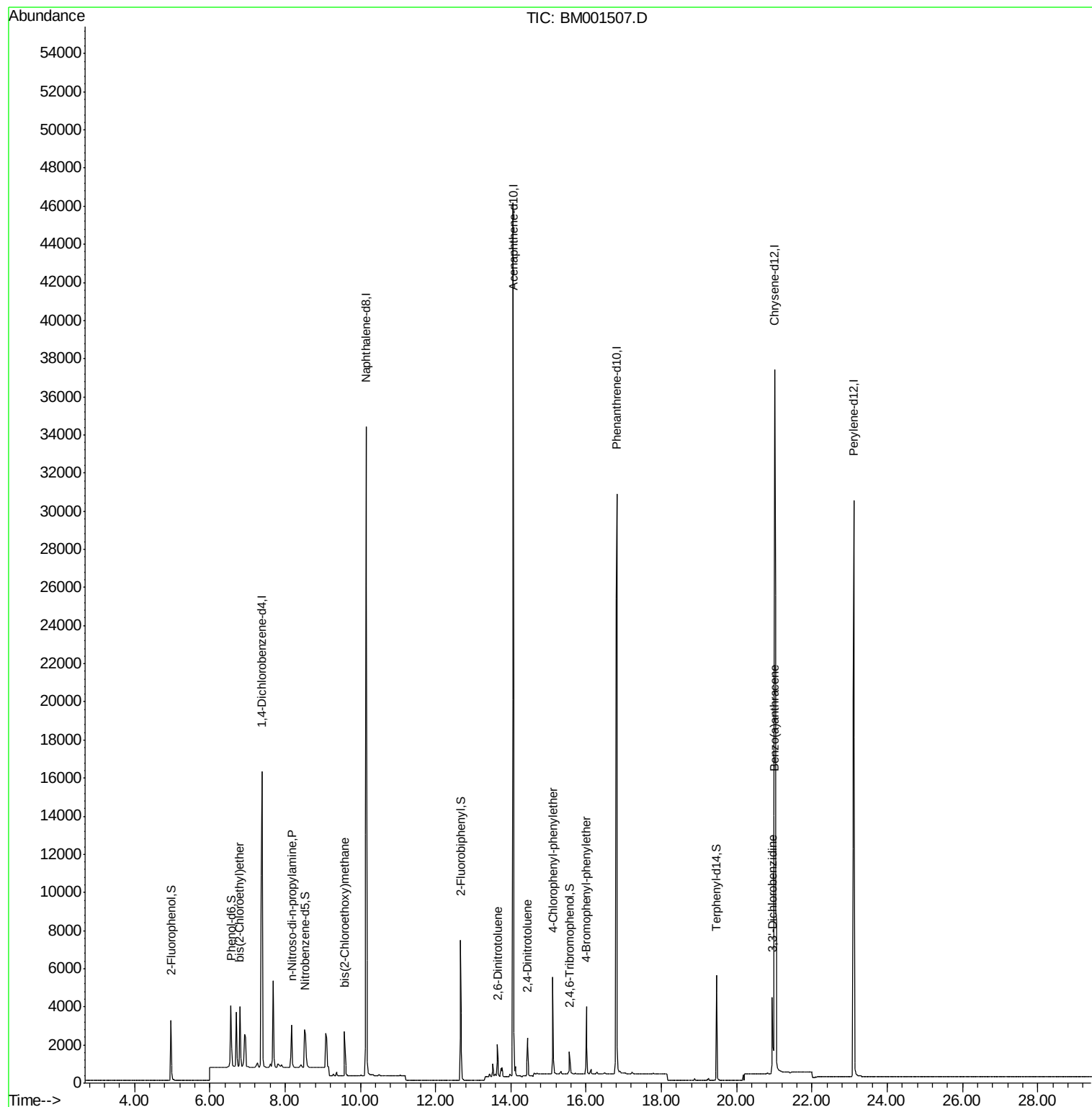
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
4) bis(2-Chloroethyl)ether	6.80	93	2431	1.00	ng	92
5) n-Nitroso-di-n-propylamine	8.18	70	1825	0.92	ng	99
8) bis(2-Chloroethoxy)methane	9.58	93	2933	0.99	ng	100
12) 2,6-Dinitrotoluene	13.65	165	1076	0.89	ng	# 50
13) 2,4-Dinitrotoluene	14.45	165	1179	0.87	ng	# 80
14) 4-Chlorophenyl-phenylether	15.11	204	3568	1.01	ng	# 84
16) 4-Bromophenyl-phenylether	16.01	248	1994	0.98	ng	# 61
19) Benzo(a)anthracene	21.00	228	10530	0.98	ng	# 87
20) 3,3'-Dichlorobenzidine	20.95	252	3065	0.87	ng	# 85

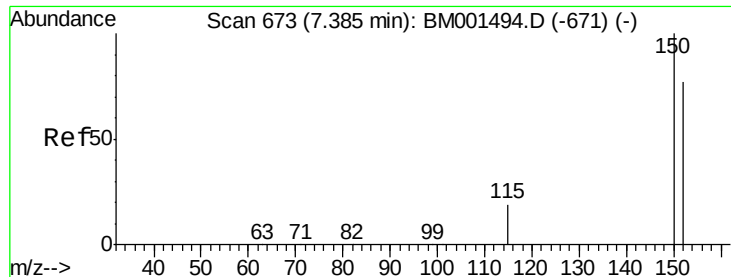
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BM001507.D

Acq: 31 May 2015 11:44

Instrument :

BNA_M

ClientSampleId :

SSTDCCC001EC

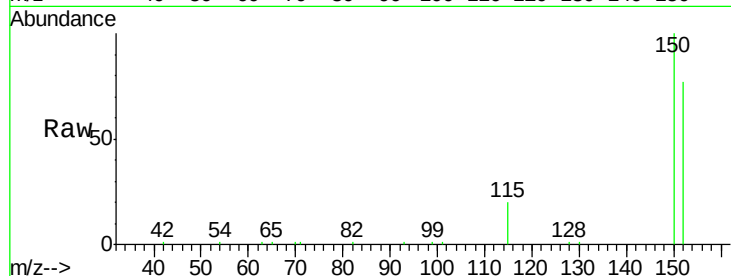
Tgt Ion:152 Resp: 12281

Ion Ratio Lower Upper

152 100

150 129.9 103.8 155.8

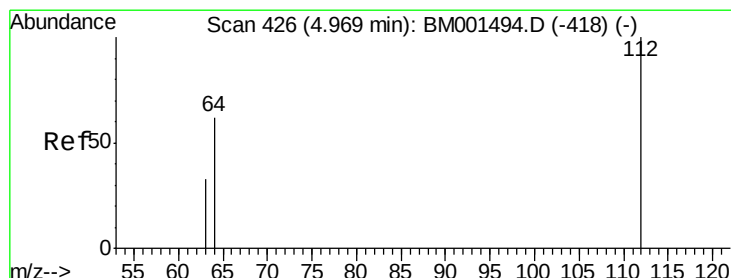
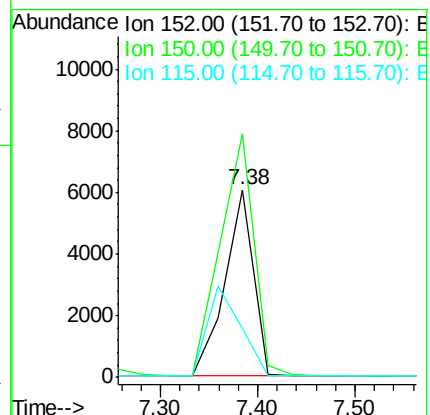
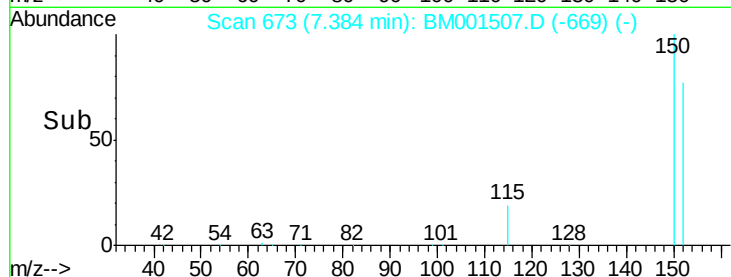
115 25.9 20.7 31.1



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: 0.99 ng

RT: 4.97 min Scan# 426

Delta R.T. -0.00 min

Lab File: BM001507.D

Acq: 31 May 2015 11:44

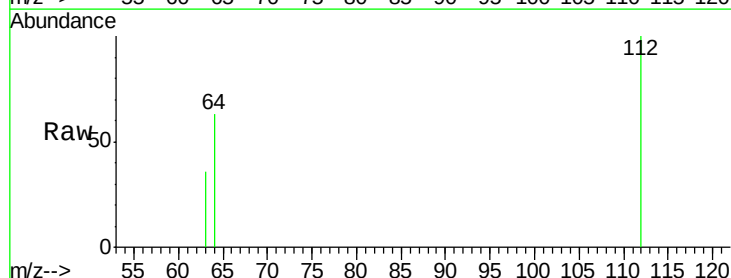
Tgt Ion:112 Resp: 2391

Ion Ratio Lower Upper

112 100

64 63.5 50.2 75.2

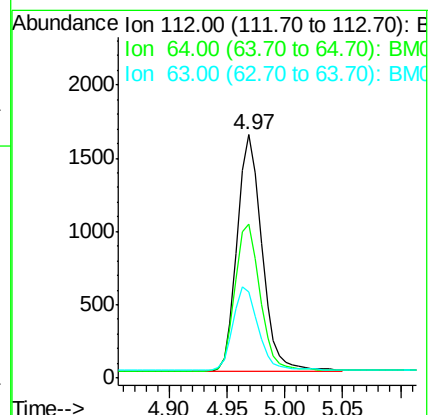
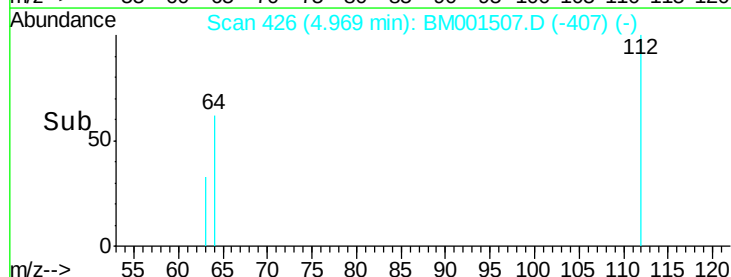
63 35.6 28.2 42.4

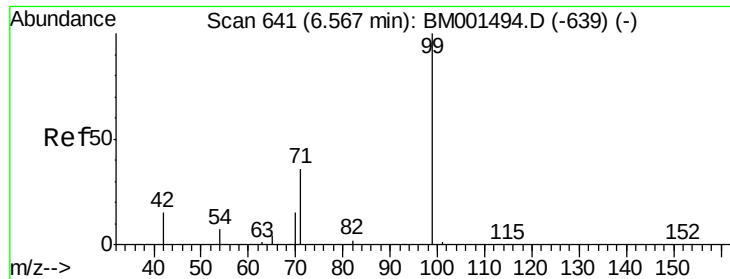


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BM0

Ion 63.00 (62.70 to 63.70): BM0





#3

Phenol-d6

Concen: 1.01 ng

RT: 6.57 min Scan# 641

Delta R.T. -0.00 min

Lab File: BM001507.D

Acq: 31 May 2015 11:44

Instrument :

BNA_M

ClientSampleId :

SSTDCCC001EC

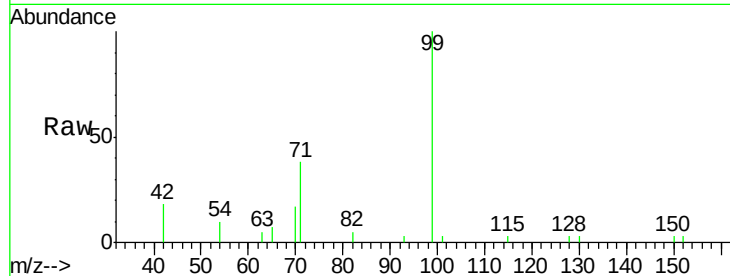
Tgt Ion: 99 Resp: 3188

Ion Ratio Lower Upper

99 100

42 18.3 15.2 22.8

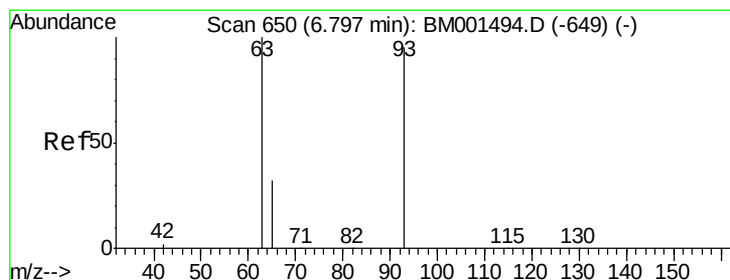
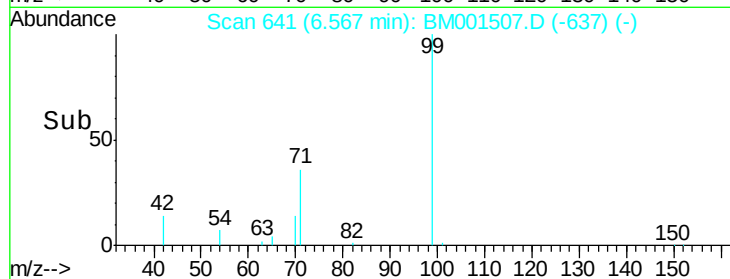
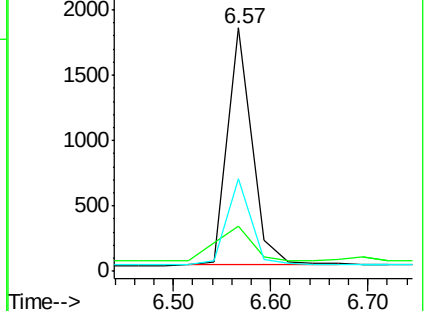
71 37.9 30.6 46.0



Abundance Ion 99.00 (98.70 to 99.70): BM001494.D (-639) (-)

Ion 42.00 (41.70 to 42.70): BM001494.D (-639) (-)

Ion 71.00 (70.70 to 71.70): BM001494.D (-639) (-)



#4

bis(2-Chloroethyl)ether

Concen: 1.00 ng

RT: 6.80 min Scan# 650

Delta R.T. -0.00 min

Lab File: BM001507.D

Acq: 31 May 2015 11:44

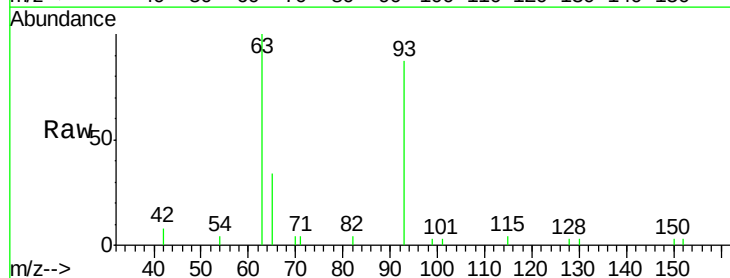
Tgt Ion: 93 Resp: 2431

Ion Ratio Lower Upper

93 100

63 115.4 86.8 126.8

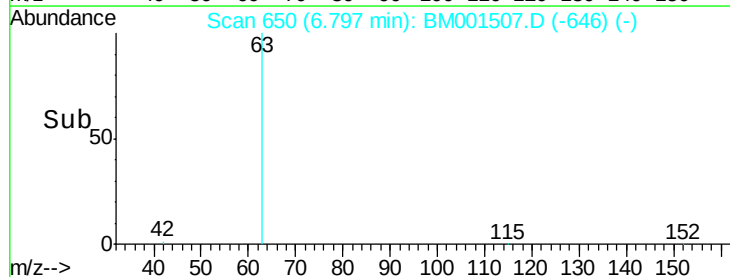
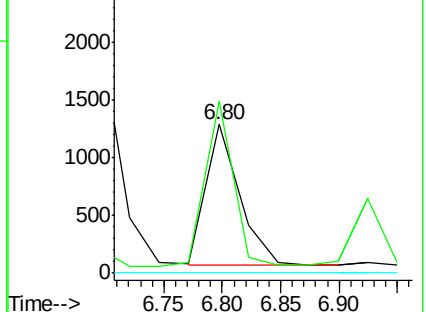
95 0.0 0.0 20.0

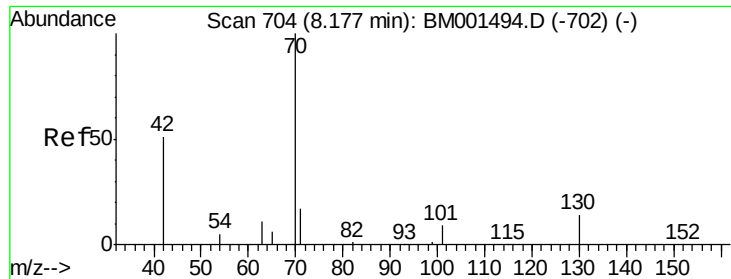


Abundance Ion 93.00 (92.70 to 93.70): BM001494.D (-649) (-)

Ion 63.00 (62.70 to 63.70): BM001494.D (-649) (-)

Ion 95.00 (94.70 to 95.70): BM001494.D (-649) (-)





#5

n-Nitroso-di-n-propylamine

Concen: 0.92 ng

RT: 8.18 min Scan# 704

Delta R.T. -0.00 min

Lab File: BM001507.D

Acq: 31 May 2015 11:44

Instrument :

BNA_M

ClientSampleId :

SSTDCCC001EC

Tgt Ion: 70 Resp: 1825

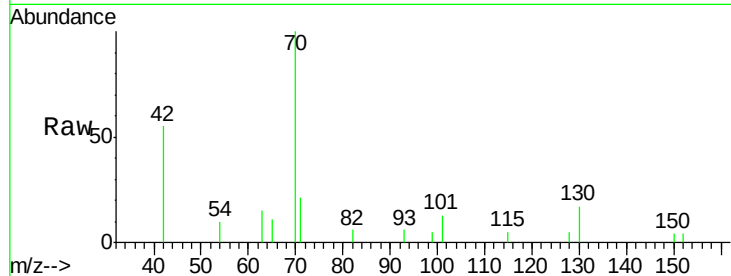
Ion Ratio Lower Upper

70 100

42 54.8 44.2 66.2

101 13.4 10.3 15.5

130 17.0 13.9 20.9

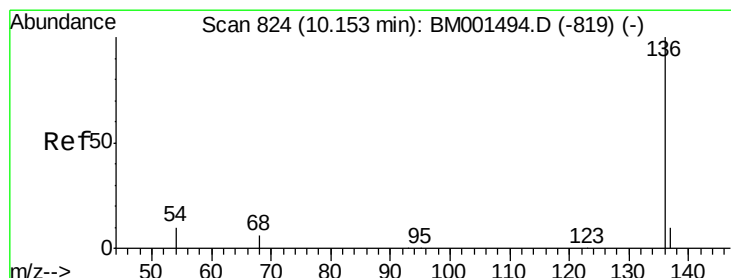
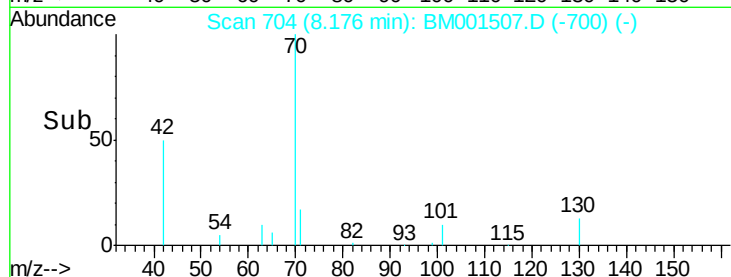
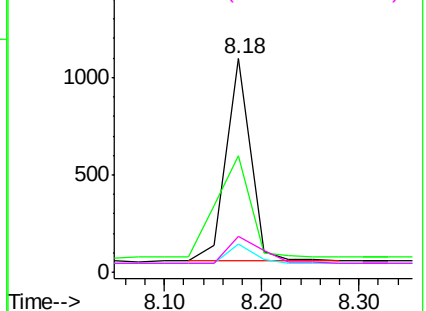


Abundance Ion 70.00 (69.70 to 70.70): BM0

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: BM001507.D

Acq: 31 May 2015 11:44

Tgt Ion: 136 Resp: 46133

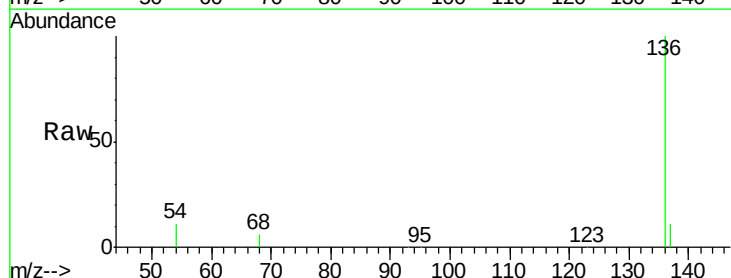
Ion Ratio Lower Upper

136 100

137 10.5 8.3 12.5

54 10.6 8.5 12.7

68 6.1 5.0 7.4

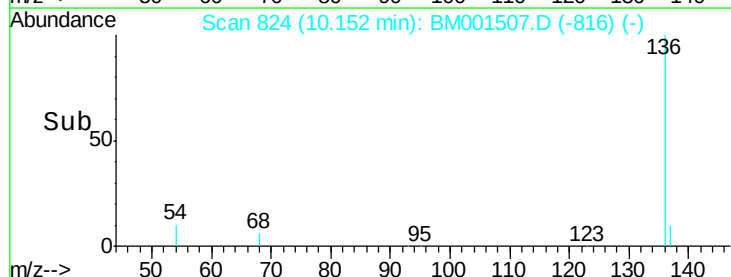
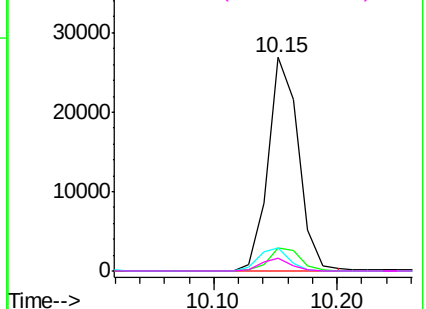


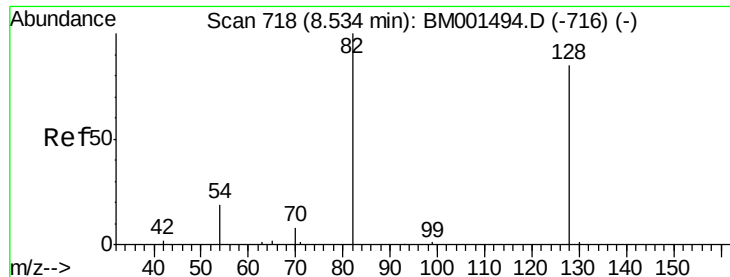
Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.95 ng

RT: 8.53 min Scan# 718

Delta R.T. -0.00 min

Lab File: BM001507.D

Acq: 31 May 2015 11:44

Instrument :

BNA_M

ClientSampleId :

SSTDCCC001EC

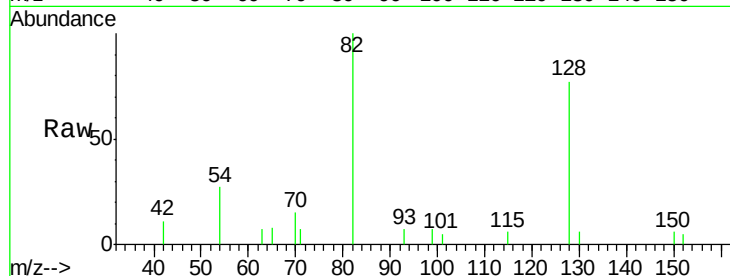
Tgt Ion: 82 Resp: 2380

Ion Ratio Lower Upper

82 100

128 77.3 68.2 102.2

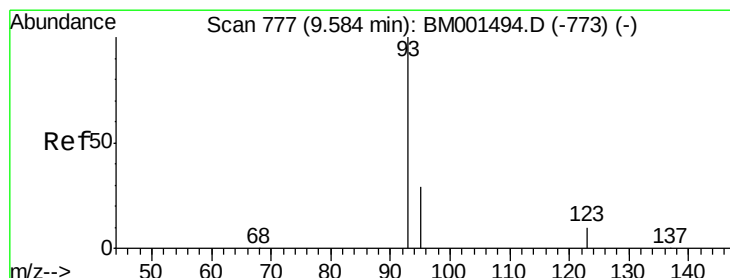
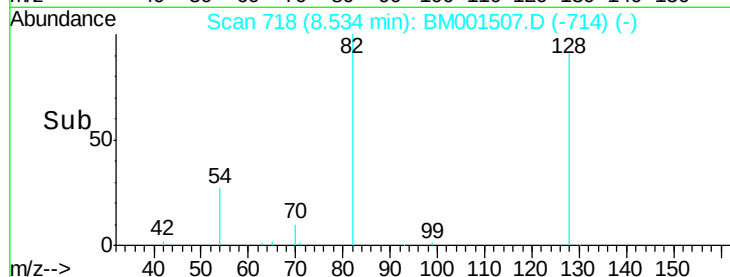
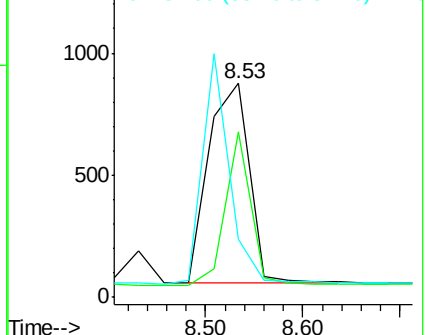
54 27.3 21.0 31.4



Abundance Ion 82.00 (81.70 to 82.70): BM001507.D (-714) (-)

Ion 128.00 (127.70 to 128.70): BM001507.D (-714) (-)

Ion 54.00 (53.70 to 54.70): BM001507.D (-714) (-)



#8

bis(2-Chloroethoxy)methane

Concen: 0.99 ng

RT: 9.58 min Scan# 777

Delta R.T. -0.00 min

Lab File: BM001507.D

Acq: 31 May 2015 11:44

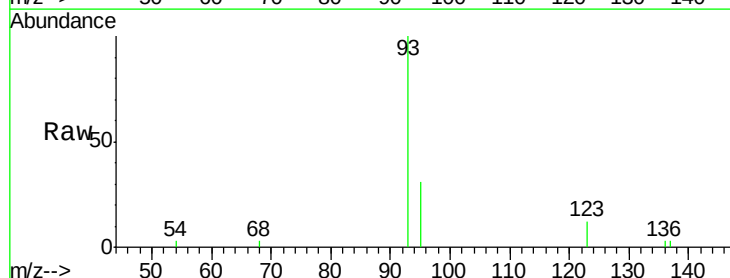
Tgt Ion: 93 Resp: 2933

Ion Ratio Lower Upper

93 100

95 31.5 25.0 37.6

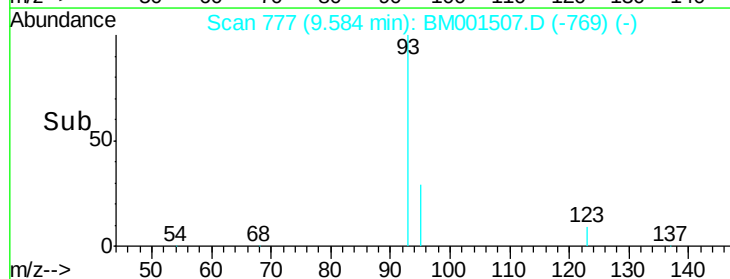
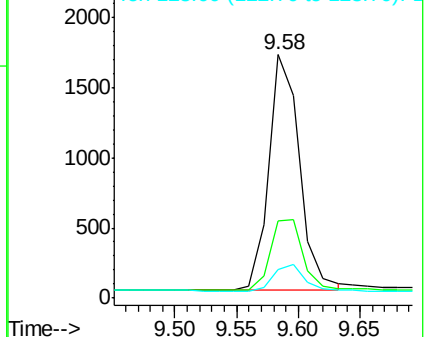
123 11.9 9.5 14.3

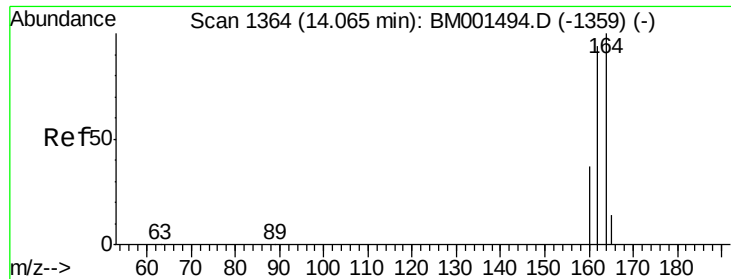


Abundance Ion 93.00 (92.70 to 93.70): BM001507.D (-769) (-)

Ion 95.00 (94.70 to 95.70): BM001507.D (-769) (-)

Ion 123.00 (122.70 to 123.70): BM001507.D (-769) (-)





#9

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.06 min Scan# 1364

Delta R.T. -0.01 min

Lab File: BM001507.D

Acq: 31 May 2015 11:44

Instrument :

BNA_M

ClientSampleId :

SSTDCCC001EC

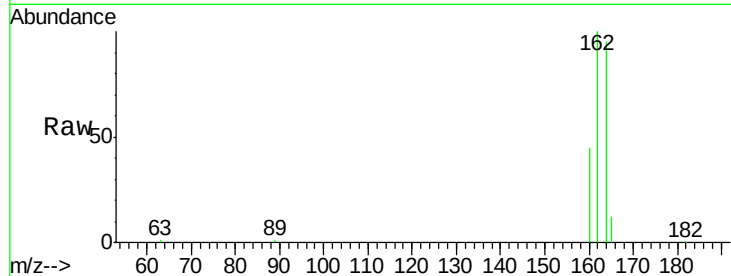
Tgt Ion:164 Resp: 24392

Ion Ratio Lower Upper

164 100

162 105.3 75.3 112.9

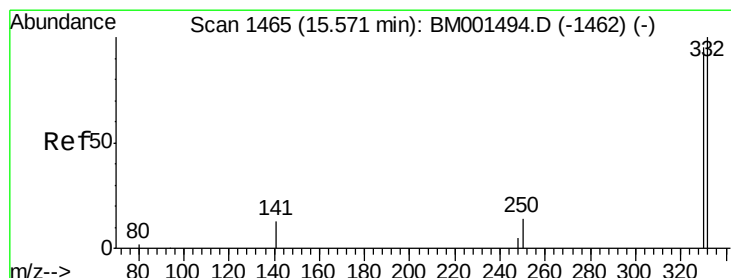
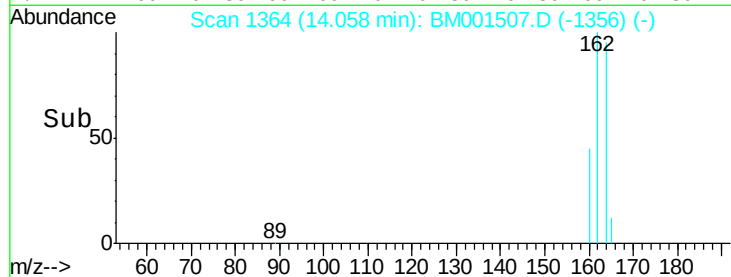
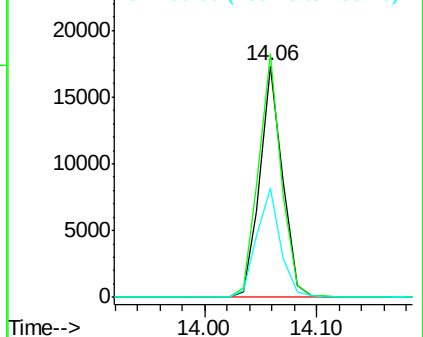
160 47.1 30.1 45.1#



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: 0.91 ng

RT: 15.56 min Scan# 1465

Delta R.T. -0.01 min

Lab File: BM001507.D

Acq: 31 May 2015 11:44

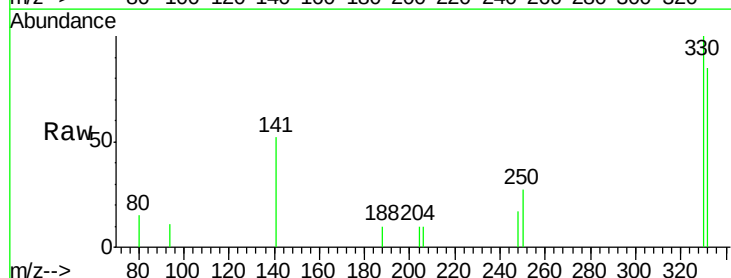
Tgt Ion:330 Resp: 790

Ion Ratio Lower Upper

330 100

332 95.8 77.6 116.4

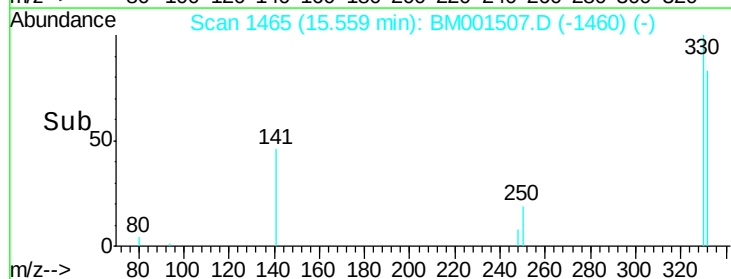
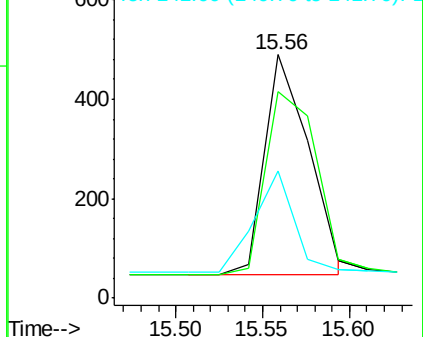
141 41.8 34.3 51.5

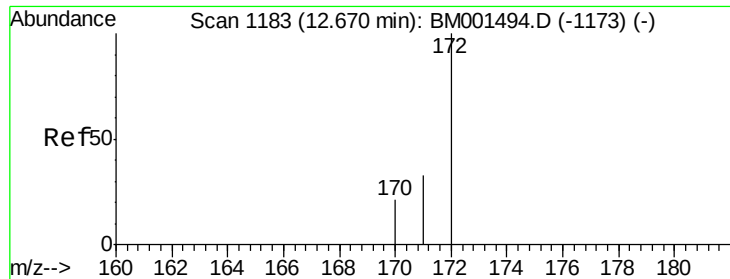


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

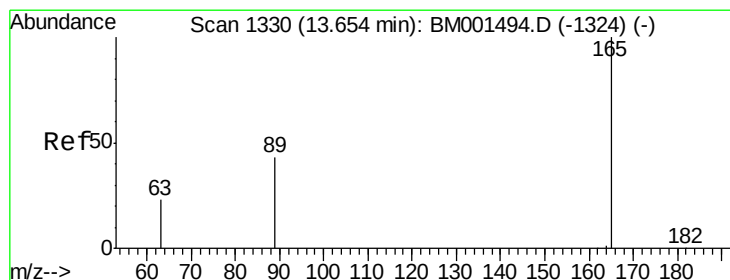
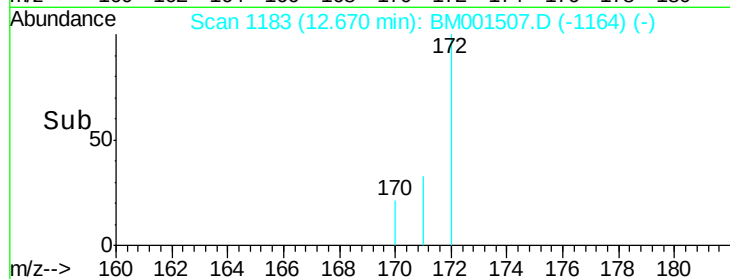
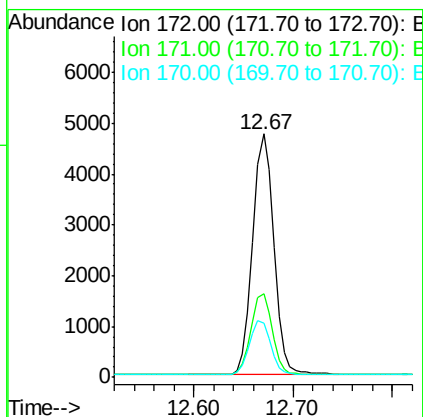
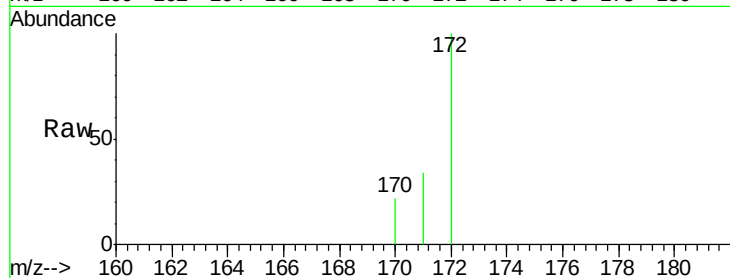




#11
2-Fluorobiphenyl
Concen: 1.00 ng
RT: 12.67 min Scan# 1183
Delta R.T. -0.00 min
Lab File: BM001507.D
Acq: 31 May 2015 11:44

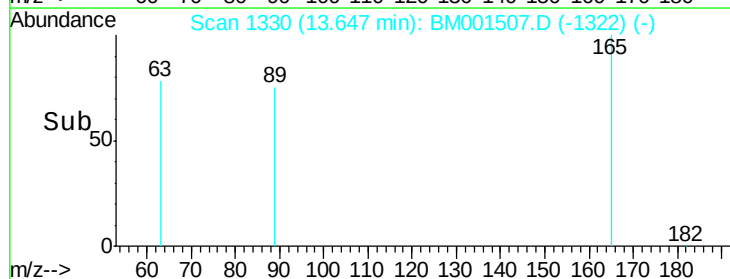
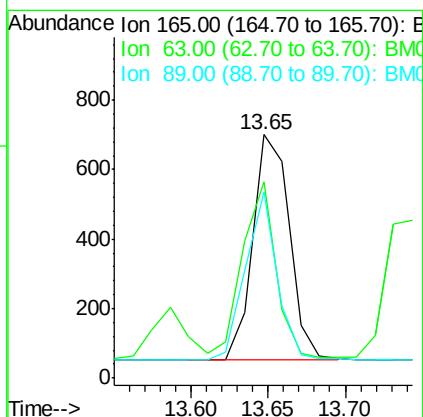
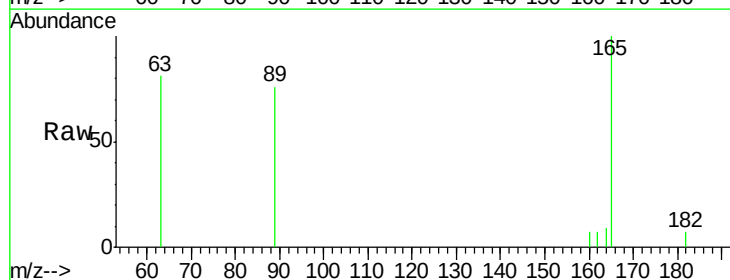
Instrument :
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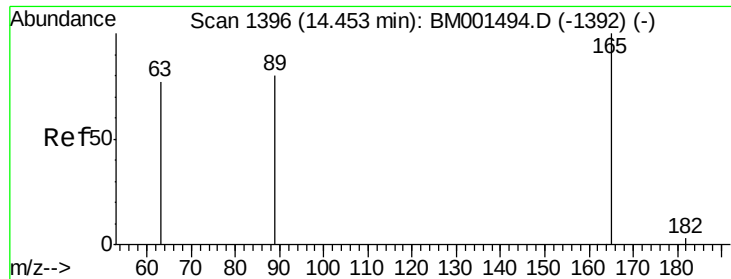
Tgt Ion:172 Resp: 7052
Ion Ratio Lower Upper
172 100
171 34.1 27.2 40.8
170 22.1 17.8 26.6



#12
2,6-Dinitrotoluene
Concen: 0.89 ng
RT: 13.65 min Scan# 1330
Delta R.T. -0.01 min
Lab File: BM001507.D
Acq: 31 May 2015 11:44

Tgt Ion:165 Resp: 1076
Ion Ratio Lower Upper
165 100
63 80.6 35.3 52.9#
89 76.5 37.4 56.2#

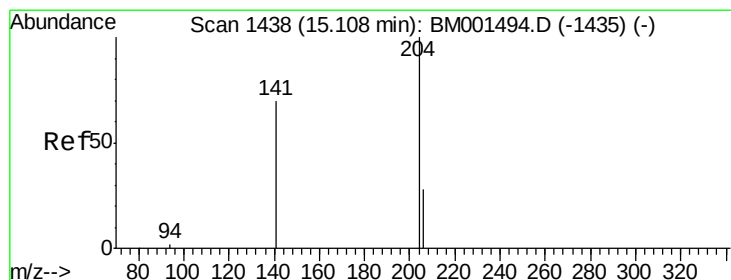
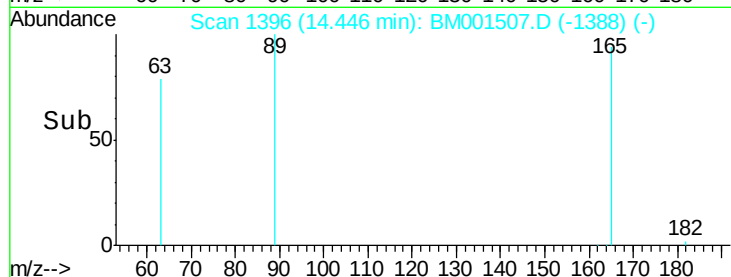
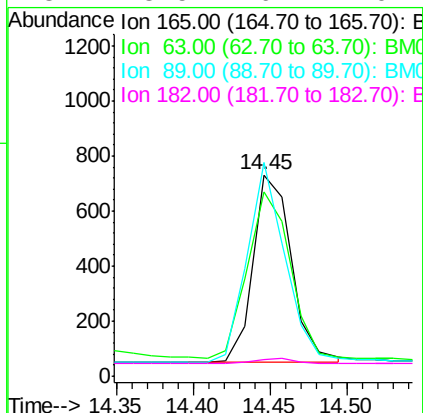
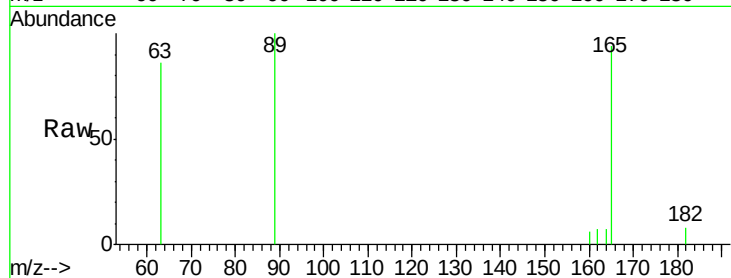




#13
 2,4-Dinitrotoluene
 Concen: 0.87 ng
 RT: 14.45 min Scan# 1396
 Delta R.T. -0.01 min
 Lab File: BM001507.D
 Acq: 31 May 2015 11:44

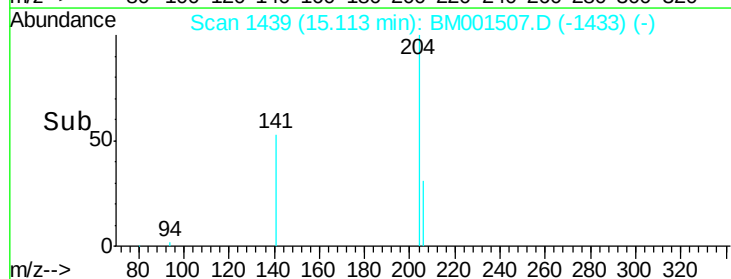
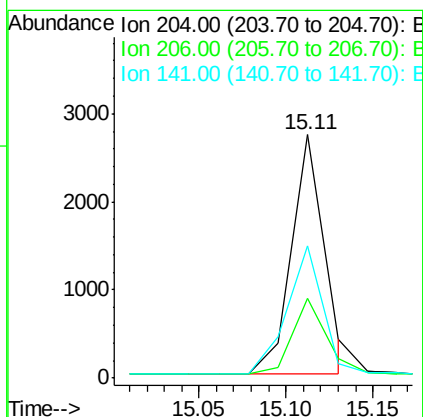
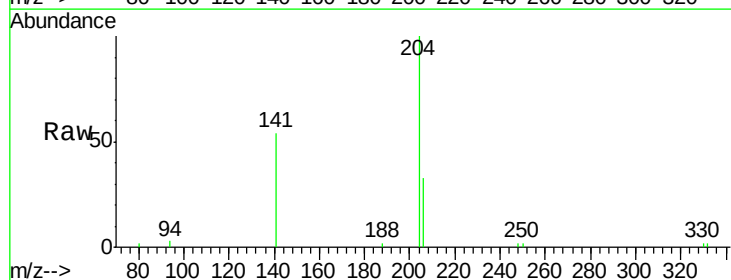
Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC001EC

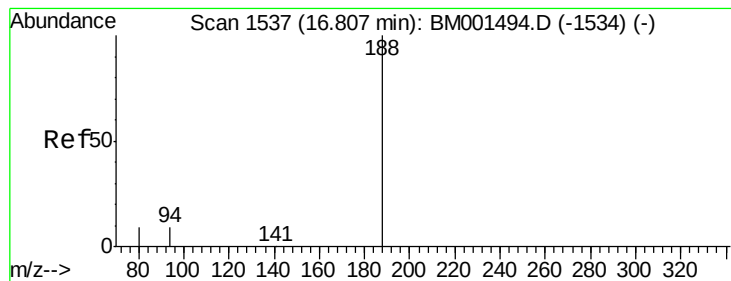
Tgt Ion:165 Resp: 1179
 Ion Ratio Lower Upper
 165 100
 63 91.5 63.9 95.9
 89 106.2 65.0 97.6#
 182 8.5 6.2 9.4



#14
 4-Chlorophenyl-phenylether
 Concen: 1.01 ng
 RT: 15.11 min Scan# 1439
 Delta R.T. 0.00 min
 Lab File: BM001507.D
 Acq: 31 May 2015 11:44

Tgt Ion:204 Resp: 3568
 Ion Ratio Lower Upper
 204 100
 206 32.6 23.8 35.6
 141 54.1 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: BM001507.D

Acq: 31 May 2015 11:44

Instrument :

BNA_M

ClientSampleId :

SSTDCCC001EC

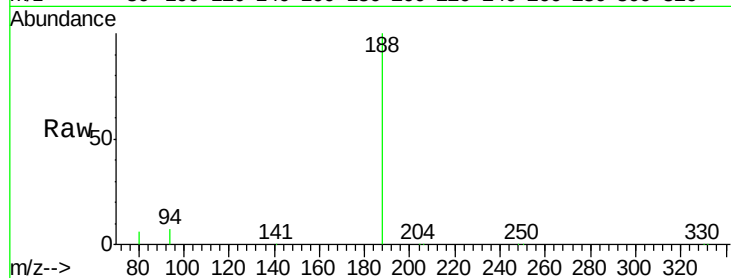
Tgt Ion:188 Resp: 48961

Ion Ratio Lower Upper

188 100

94 6.8 7.1 10.7#

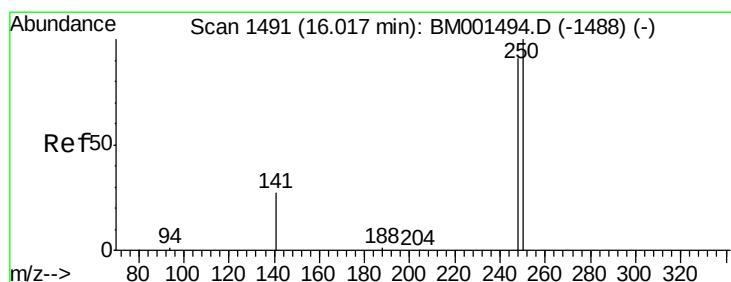
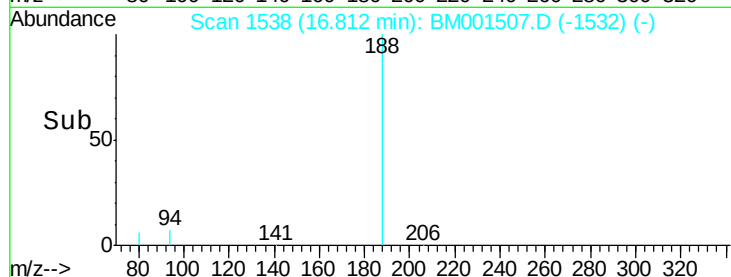
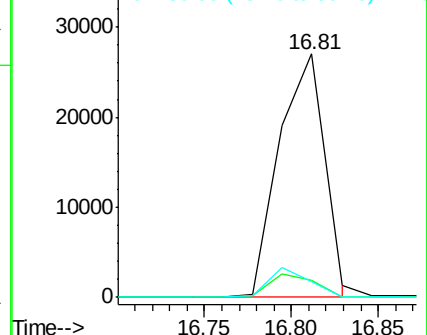
80 6.3 7.3 10.9#



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: 0.98 ng

RT: 16.01 min Scan# 1491

Delta R.T. -0.01 min

Lab File: BM001507.D

Acq: 31 May 2015 11:44

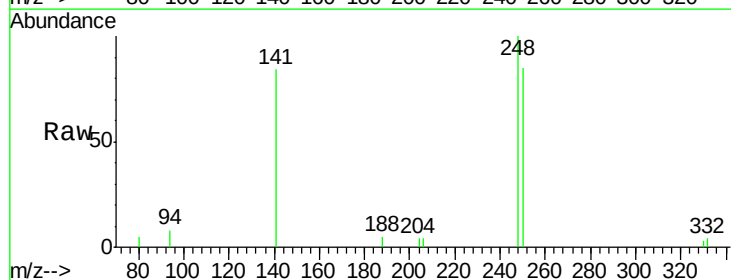
Tgt Ion:248 Resp: 1994

Ion Ratio Lower Upper

248 100

250 85.0 87.3 130.9#

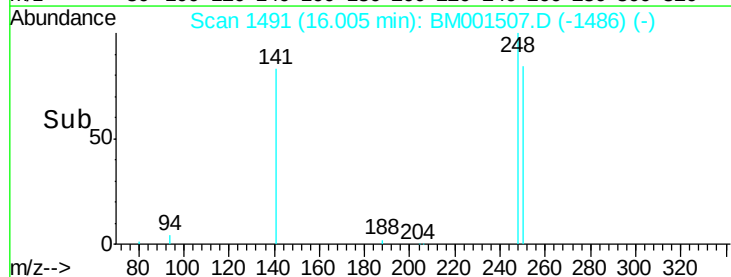
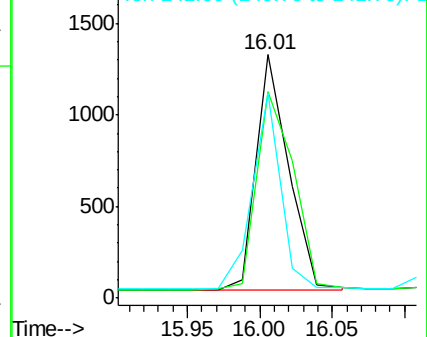
141 84.4 25.8 38.8#

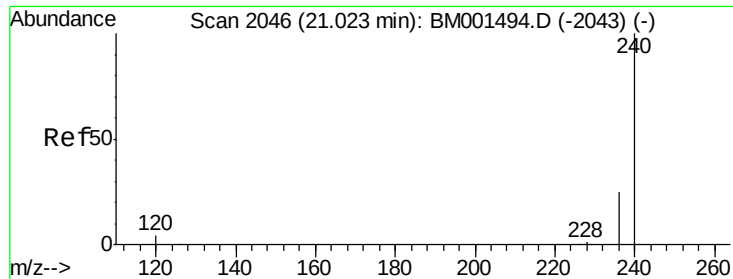


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

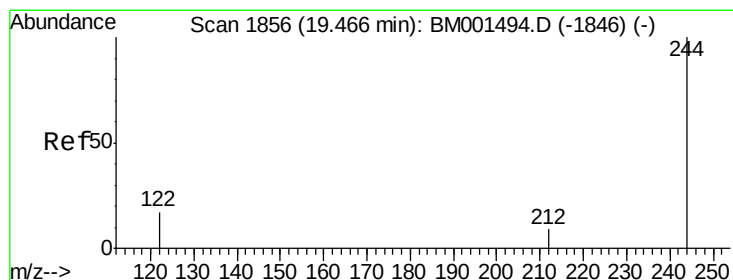
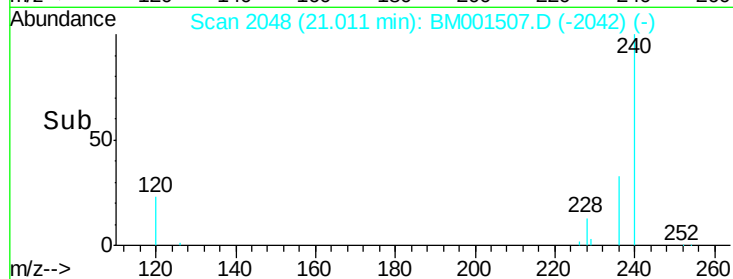
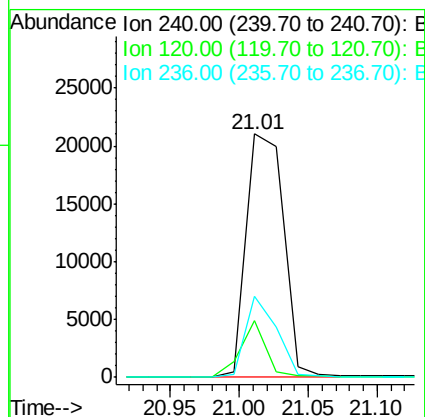
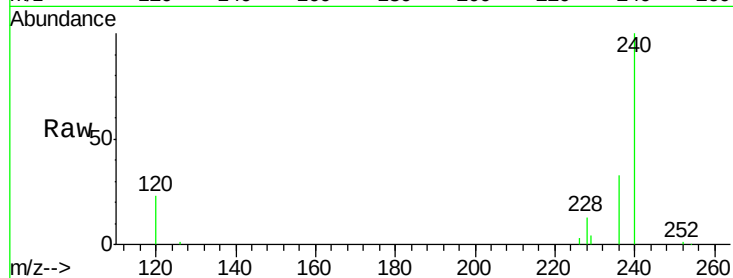




#17
Chrysene-d12
Concen: 5.00 ng
RT: 21.01 min Scan# 2048
Delta R.T. -0.01 min
Lab File: BM001507.D
Acq: 31 May 2015 11:44

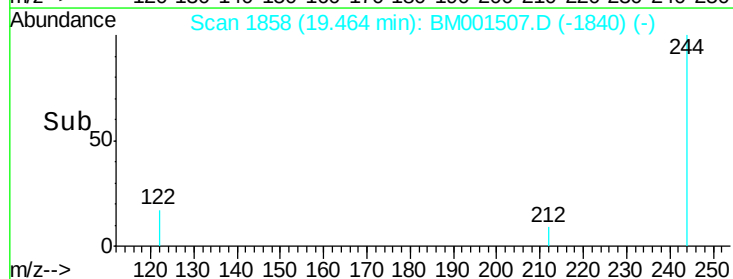
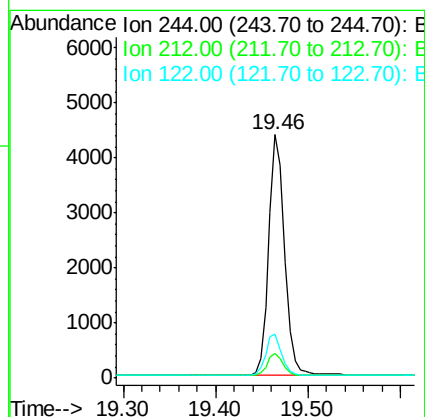
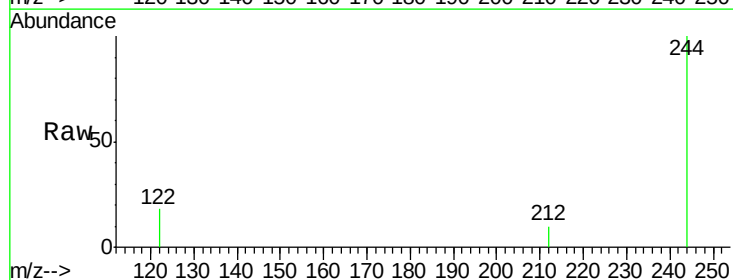
Instrument :
BNA_M
ClientSampleId :
SSTDCCC001EC

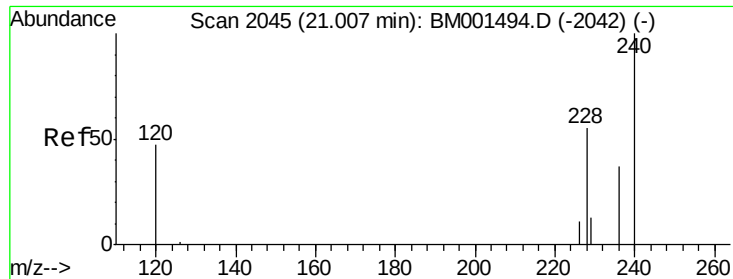
Tgt Ion:240 Resp: 39460
Ion Ratio Lower Upper
240 100
120 23.2 3.7 5.5#
236 33.1 19.8 29.8#



#18
Terphenyl-d14
Concen: 0.99 ng
RT: 19.46 min Scan# 1858
Delta R.T. -0.00 min
Lab File: BM001507.D
Acq: 31 May 2015 11:44

Tgt Ion:244 Resp: 5246
Ion Ratio Lower Upper
244 100
212 10.1 8.0 12.0
122 17.9 14.1 21.1





#19

Benzo(a)anthracene

Concen: 0.98 ng

RT: 21.00 min Scan# 2047

Delta R.T. -0.01 min

Lab File: BM001507.D

Acq: 31 May 2015 11:44

Instrument :

BNA_M

ClientSampleId :

SSTDCCC001EC

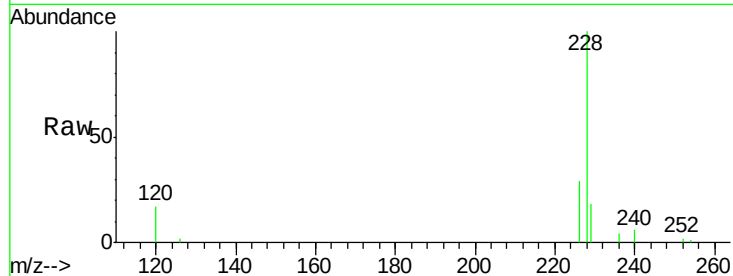
Tgt Ion:228 Resp: 10530

Ion Ratio Lower Upper

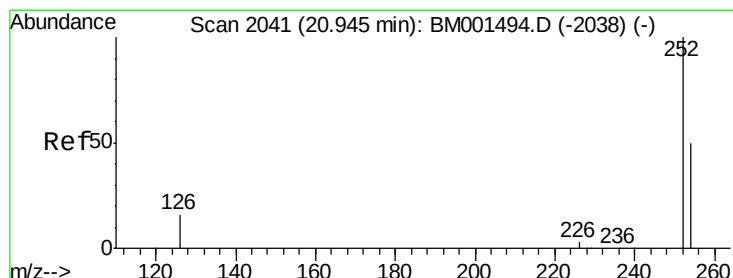
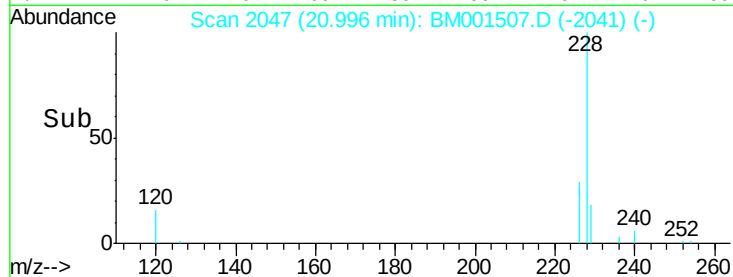
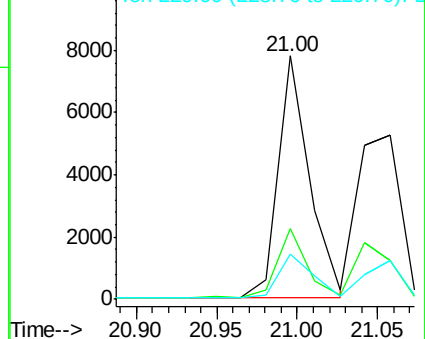
228 100

226 29.0 17.5 26.3#

229 18.3 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: 0.87 ng

RT: 20.95 min Scan# 2044

Delta R.T. 0.00 min

Lab File: BM001507.D

Acq: 31 May 2015 11:44

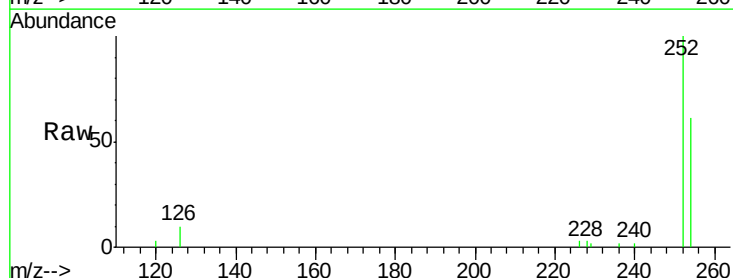
Tgt Ion:252 Resp: 3065

Ion Ratio Lower Upper

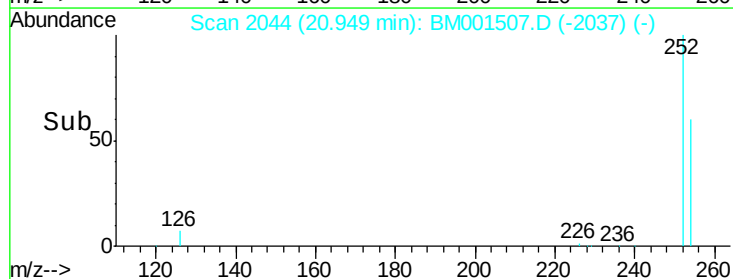
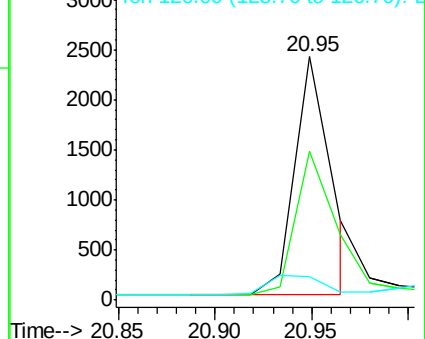
252 100

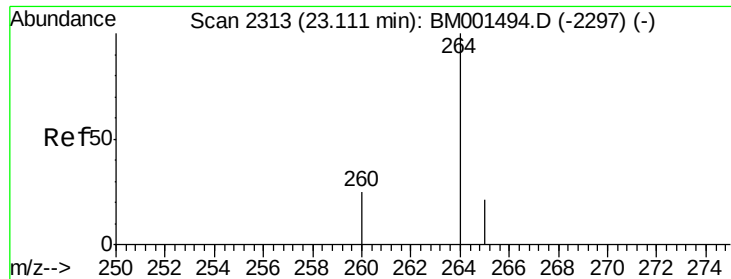
254 60.9 41.2 61.8

126 9.5 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# 2317
Delta R.T. -0.00 min
Lab File: BM001507.D
Acq: 31 May 2015 11:44

Instrument :
BNA_M
ClientSampleId :
SSTDCCC001EC

Tgt Ion: 264 Resp: 35416
Ion Ratio Lower Upper
264 100
260 24.9 19.8 29.8
265 21.9 18.0 27.0

