

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM053115\
 Data File : BM001501.D
 Acq On : 31 May 2015 08:07
 Operator : TP/IZ
 Sample : G2438-02
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 OM-SP-001-150528

Quant Time: Jun 01 05:50:31 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

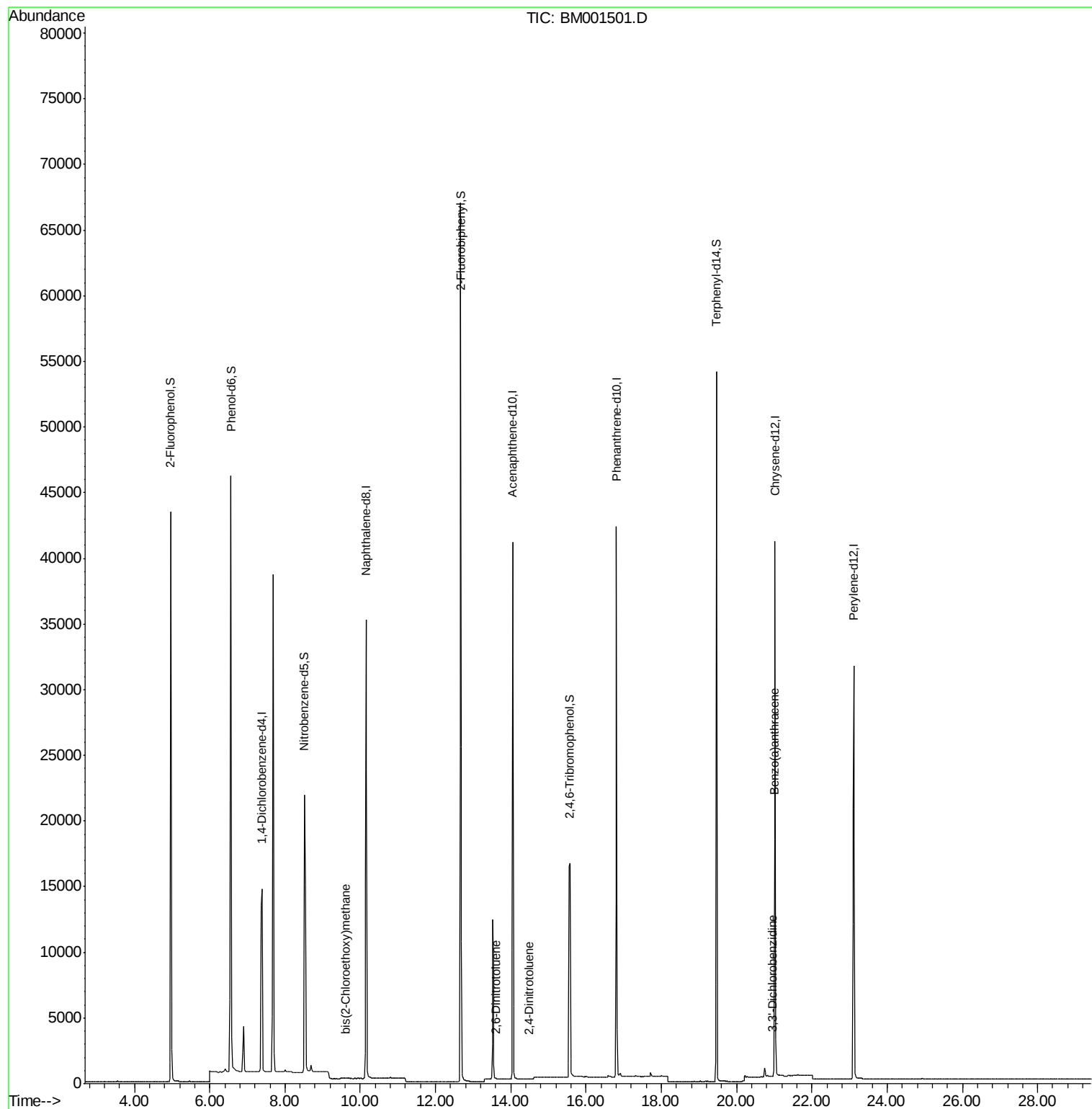
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.38	152	12602	5.00	ng	0.00
6) Naphthalene-d8	10.15	136	46090	5.00	ng	0.00
9) Acenaphthene-d10	14.05	164	24437	5.00	ng	-0.01
15) Phenanthrene-d10	16.81	188	50627	5.00	ng	0.00
17) Chrysene-d12	21.02	240	40564	5.00	ng	0.00
21) Perylene-d12	23.11	264	36460	5.00	ng	0.00
System Monitoring Compounds						
2) 2-Fluorophenol	4.97	112	31619	12.75	ng	0.00
3) Phenol-d6	6.57	99	46657	14.42	ng	0.00
7) Nitrobenzene-d5	8.51	82	22078	8.87	ng	-0.03
10) 2,4,6-Tribromophenol	15.57	330	13286	15.34	ng	0.00
11) 2-Fluorobiphenyl	12.67	172	64633	9.13	ng	0.00
18) Terphenyl-d14	19.47	244	50799	9.37	ng	0.00
Target Compounds						
8) bis(2-Chloroethoxy)methane	9.61	93	7	0.00	ng	# 1
12) 2,6-Dinitrotoluene	13.61	165	58	0.23	ng	# 77
13) 2,4-Dinitrotoluene	14.48	165	5	0.28	ng	# 66
19) Benzo(a)anthracene	21.01	228	160	0.01	ng	# 41
20) 3,3'-Dichlorobenzidine	20.95	252	3	0.00	ng	# 7

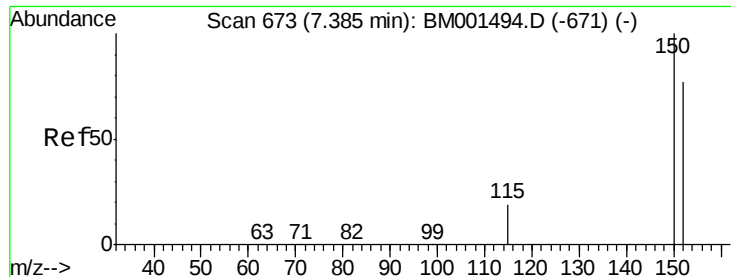
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BM001501.D

Acq: 31 May 2015 08:07

Instrument :

BNA_M

ClientSampleId :

OM-SP-001-150528

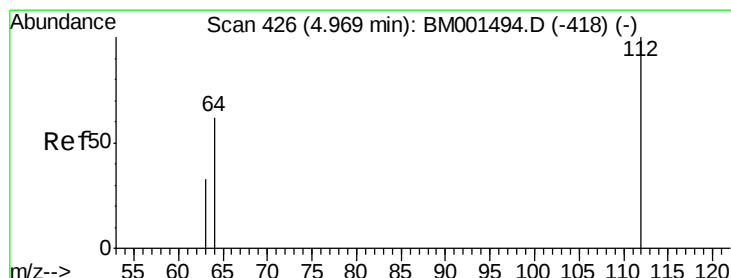
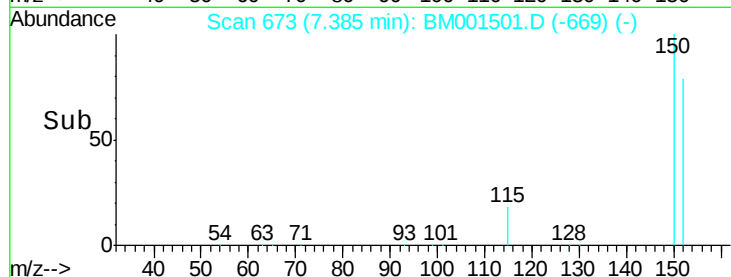
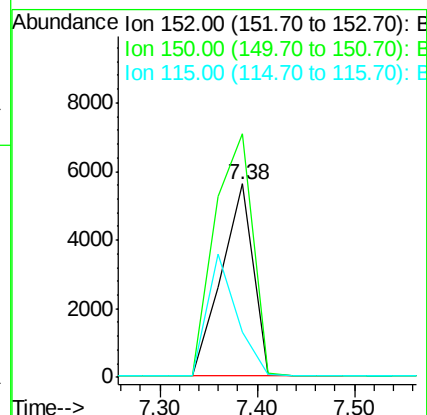
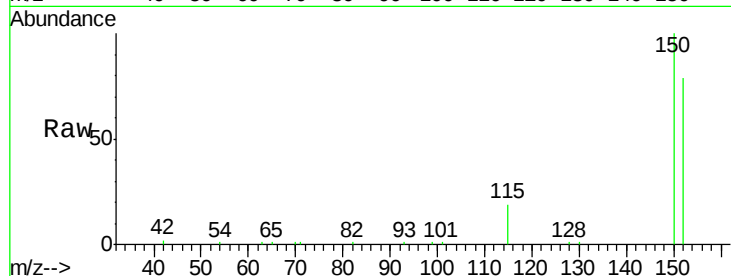
Tgt Ion:152 Resp: 12602

Ion Ratio Lower Upper

152 100

150 125.9 103.8 155.8

115 23.5 20.7 31.1



#2

2-Fluorophenol

Concen: 12.75 ng

RT: 4.97 min Scan# 426

Delta R.T. 0.00 min

Lab File: BM001501.D

Acq: 31 May 2015 08:07

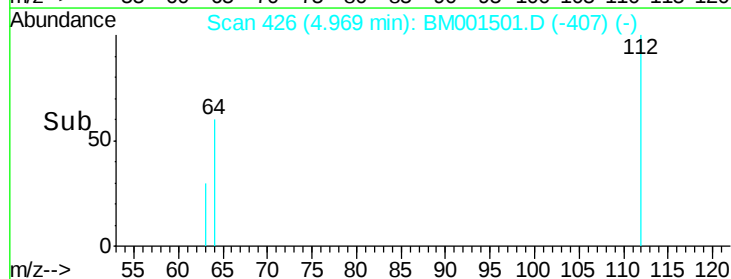
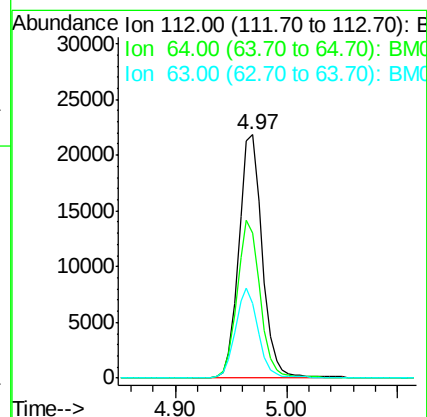
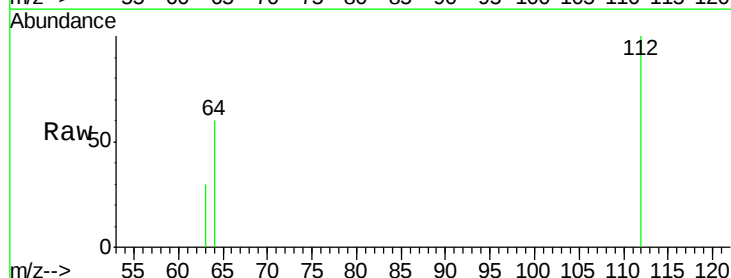
Tgt Ion:112 Resp: 31619

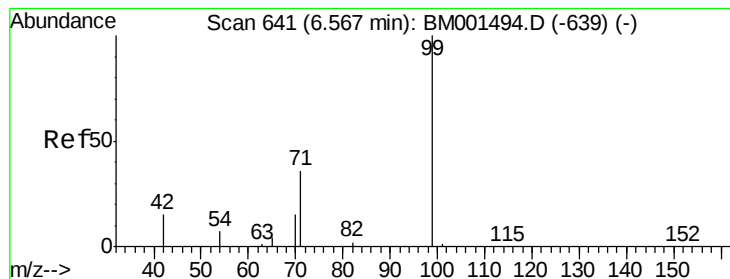
Ion Ratio Lower Upper

112 100

64 59.6 50.2 75.2

63 30.5 28.2 42.4





#3

Phenol-d6

Concen: 14.42 ng

RT: 6.57 min Scan# 641

Delta R.T. 0.00 min

Lab File: BM001501.D

Acq: 31 May 2015 08:07

Instrument :

BNA_M

ClientSampleId :

OM-SP-001-150528

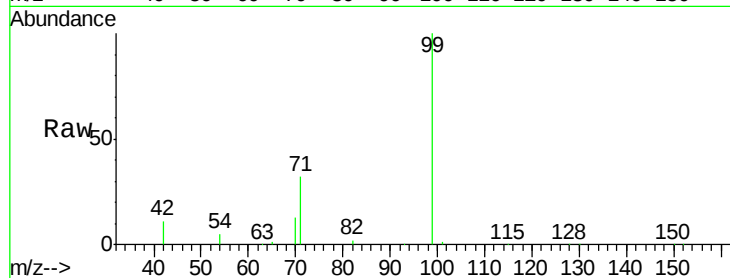
Tgt Ion: 99 Resp: 46657

Ion Ratio Lower Upper

99 100

42 10.8 15.2 22.8#

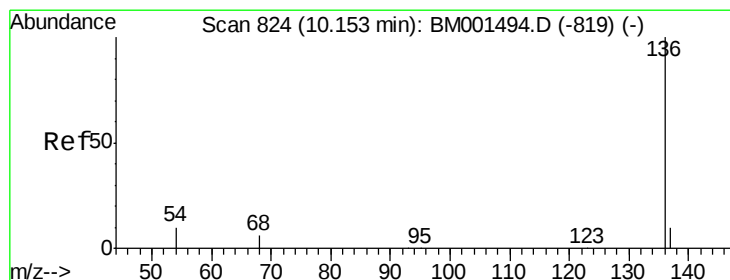
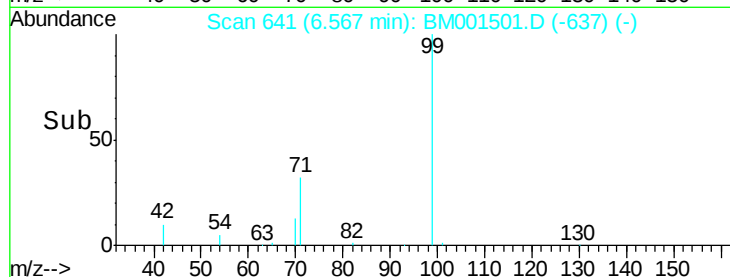
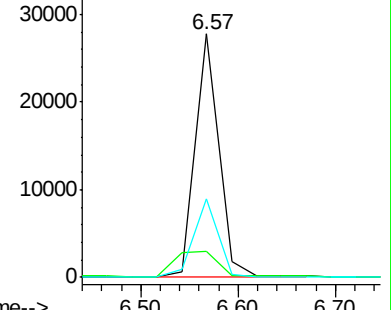
71 32.3 30.6 46.0



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) (-)



#6

Naphthalene-d8

Concen: 5.00 ng

RT: 10.15 min Scan# 824

Delta R.T. 0.00 min

Lab File: BM001501.D

Acq: 31 May 2015 08:07

Tgt Ion: 136 Resp: 46090

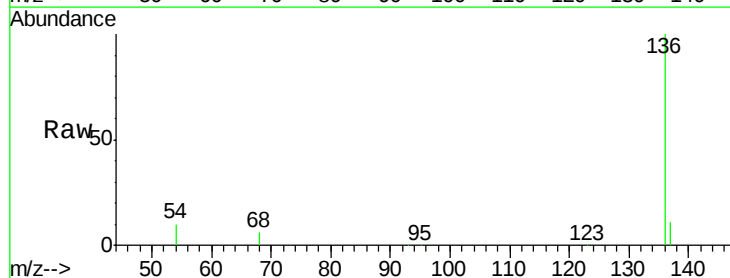
Ion Ratio Lower Upper

136 100

137 10.6 8.3 12.5

54 10.0 8.5 12.7

68 5.8 5.0 7.4

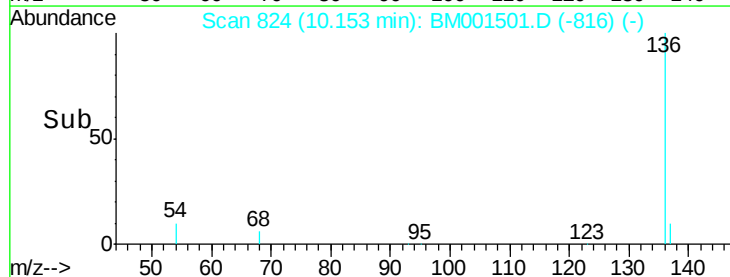
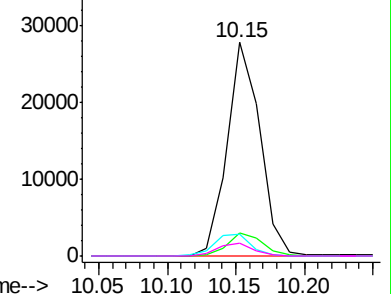


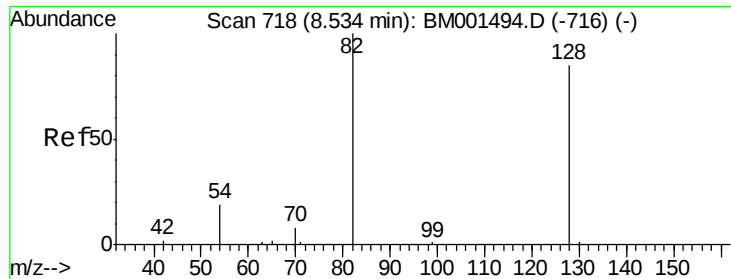
Abundance Ion 136.00 (135.70 to 136.70): BM001494.D (-819) (-)

Ion 137.00 (136.70 to 137.70): BM001494.D (-819) (-)

Ion 54.00 (53.70 to 54.70): BM001494.D (-819) (-)

Ion 68.00 (67.70 to 68.70): BM001494.D (-819) (-)





#7

Nitrobenzene-d5

Concen: 8.87 ng

RT: 8.51 min Scan# 717

Delta R.T. -0.03 min

Lab File: BM001501.D

Acq: 31 May 2015 08:07

Instrument :

BNA_M

ClientSampleId :

OM-SP-001-150528

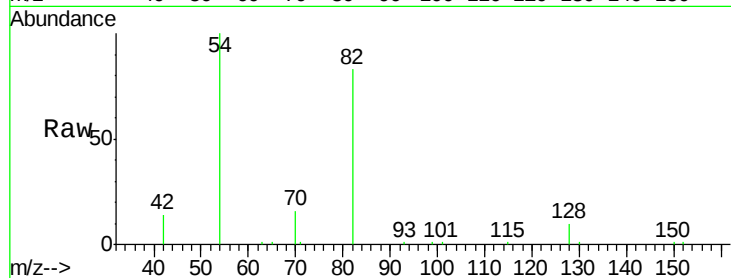
Tgt Ion: 82 Resp: 22078

Ion Ratio Lower Upper

82 100

128 12.5 68.2 102.2#

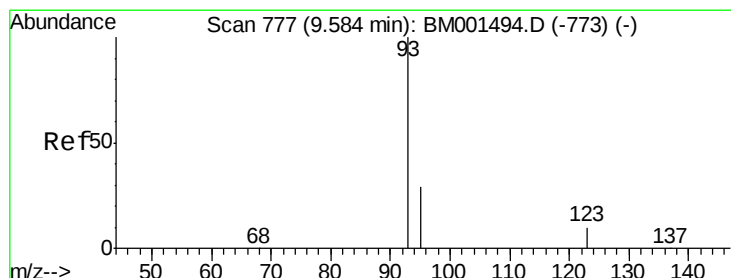
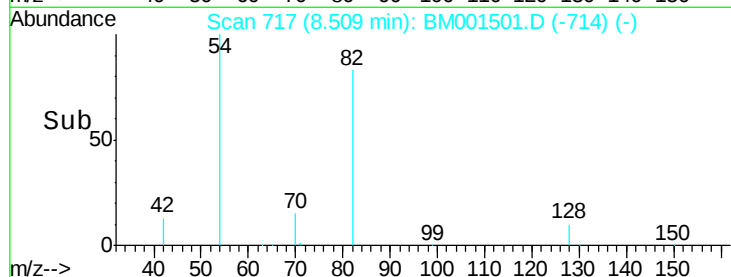
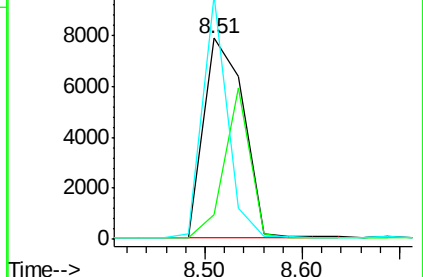
54 121.0 21.0 31.4#



Abundance Ion 82.00 (81.70 to 82.70): BM001494.D (-716) (-)

Ion 128.00 (127.70 to 128.70): BM001494.D (-716) (-)

Ion 54.00 (53.70 to 54.70): BM001494.D (-716) (-)



#8

bis(2-Chloroethoxy)methane

Concen: 0.00 ng

RT: 9.61 min Scan# 779

Delta R.T. 0.02 min

Lab File: BM001501.D

Acq: 31 May 2015 08:07

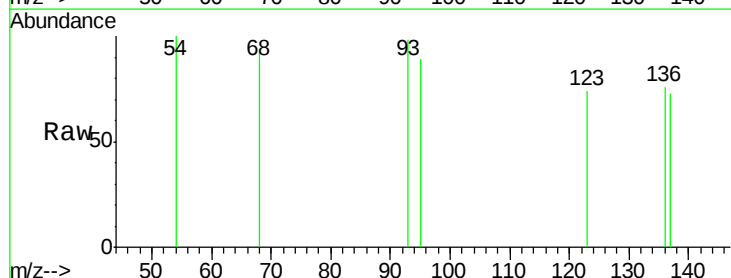
Tgt Ion: 93 Resp: 7

Ion Ratio Lower Upper

93 100

95 90.8 25.0 37.6#

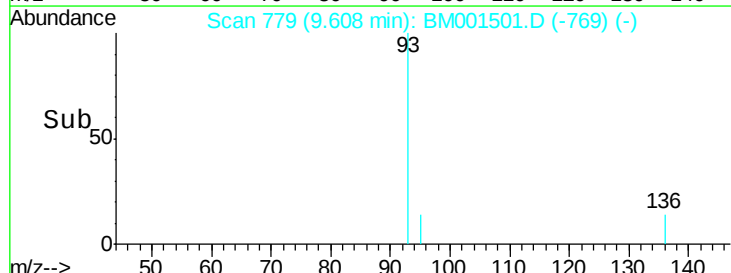
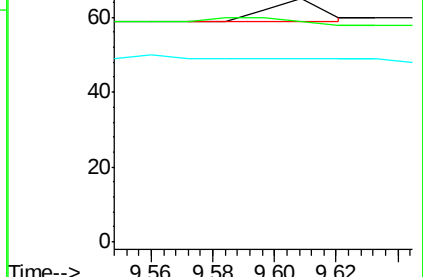
123 75.4 9.5 14.3#

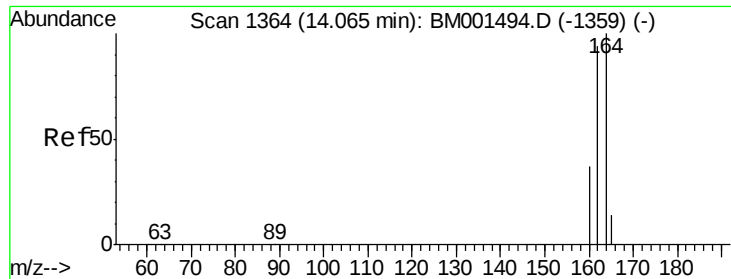


Abundance Ion 93.00 (92.70 to 93.70): BM001494.D (-773) (-)

Ion 95.00 (94.70 to 95.70): BM001494.D (-773) (-)

Ion 123.00 (122.70 to 123.70): BM001494.D (-773) (-)





#9

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.05 min Scan# 1363

Delta R.T. -0.01 min

Lab File: BM001501.D

Acq: 31 May 2015 08:07

Instrument :

BNA_M

ClientSampleId :

OM-SP-001-150528

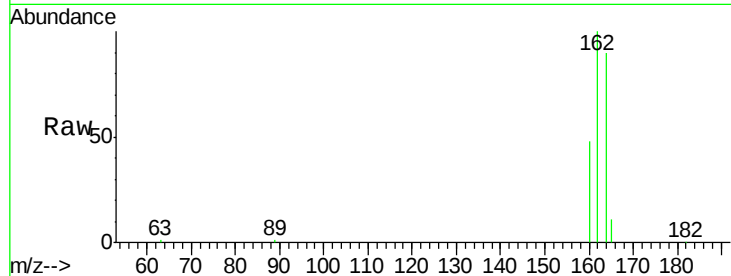
Tgt Ion:164 Resp: 24437

Ion Ratio Lower Upper

164 100

162 111.2 75.3 112.9

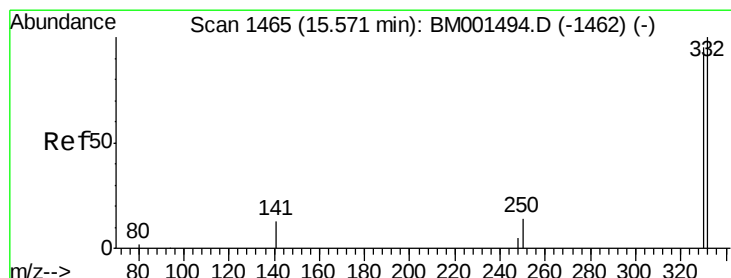
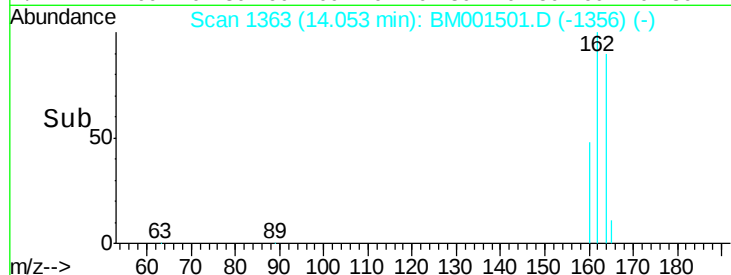
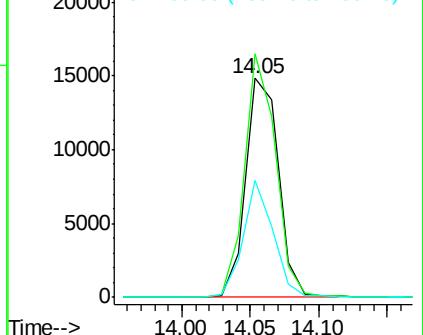
160 53.3 30.1 45.1#



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: 15.34 ng

RT: 15.57 min Scan# 1465

Delta R.T. 0.00 min

Lab File: BM001501.D

Acq: 31 May 2015 08:07

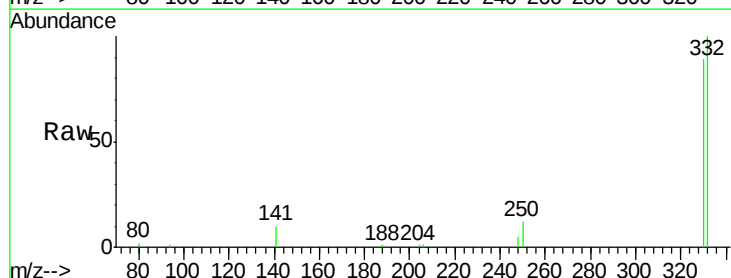
Tgt Ion:330 Resp: 13286

Ion Ratio Lower Upper

330 100

332 97.1 77.6 116.4

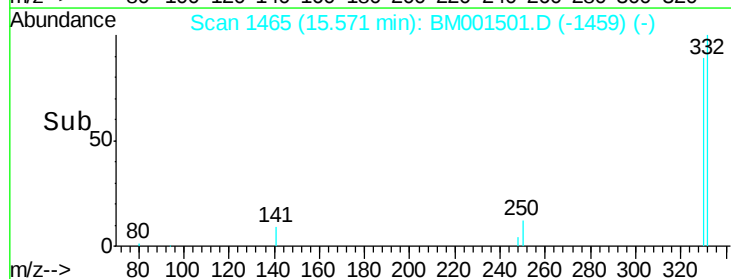
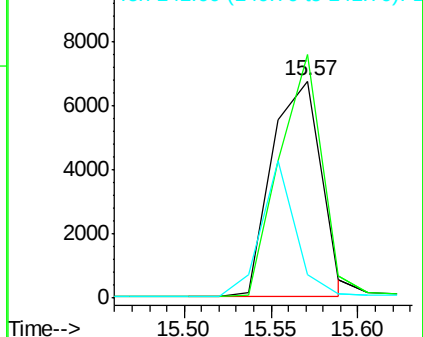
141 44.2 34.3 51.5

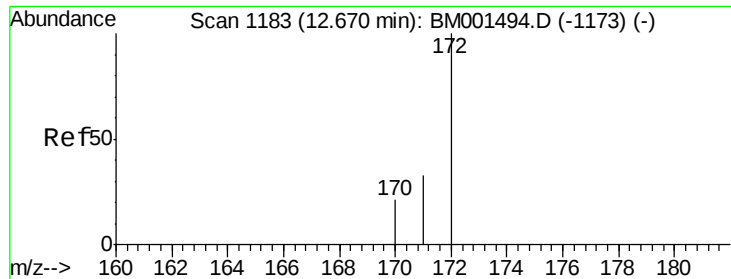


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

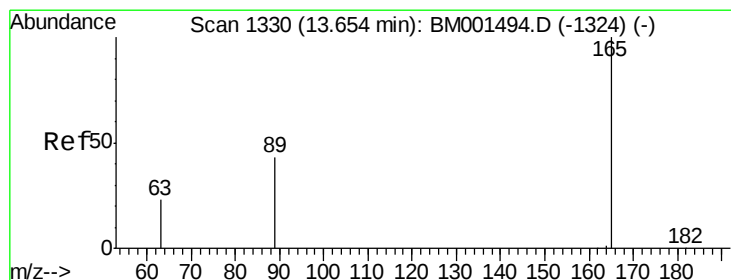
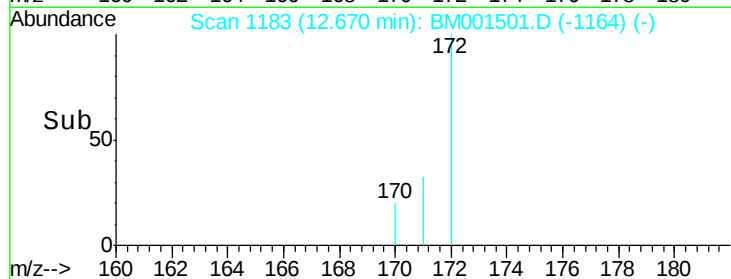
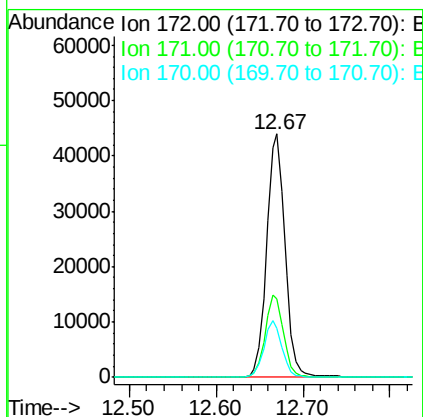
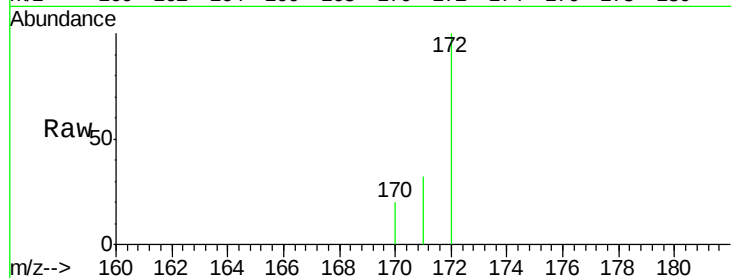




#11
2-Fluorobiphenyl
Concen: 9.13 ng
RT: 12.67 min Scan# 1183
Delta R.T. 0.00 min
Lab File: BM001501.D
Acq: 31 May 2015 08:07

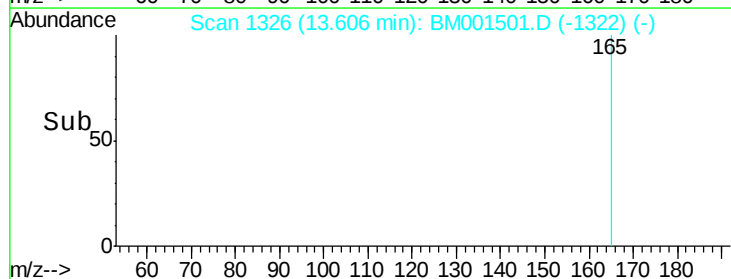
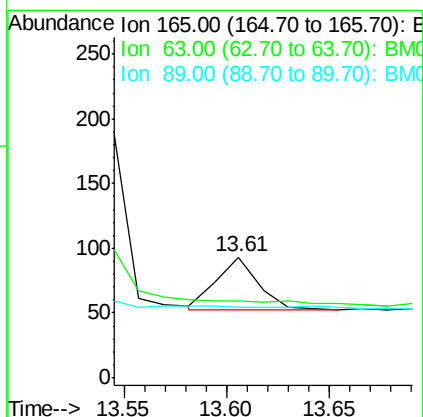
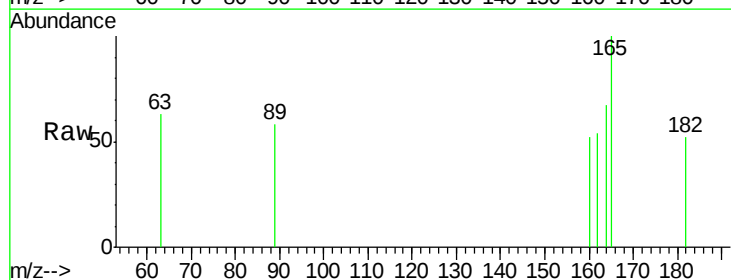
Instrument :
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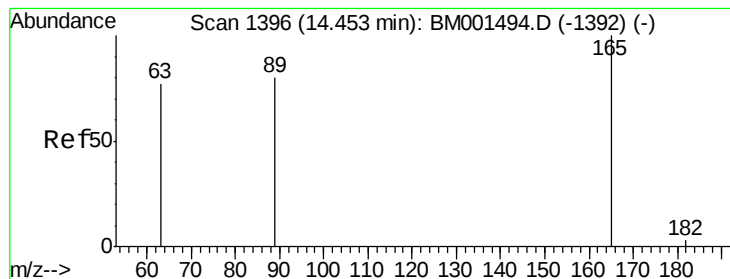
Tgt Ion:172 Resp: 64633
Ion Ratio Lower Upper
172 100
171 32.4 27.2 40.8
170 20.1 17.8 26.6



#12
2,6-Dinitrotoluene
Concen: 0.23 ng
RT: 13.61 min Scan# 1326
Delta R.T. -0.05 min
Lab File: BM001501.D
Acq: 31 May 2015 08:07

Tgt Ion:165 Resp: 58
Ion Ratio Lower Upper
165 100
63 63.4 35.3 52.9#
89 58.1 37.4 56.2#





#13

2,4-Dinitrotoluene

Concen: 0.28 ng

RT: 14.48 min Scan# 1398

Delta R.T. 0.03 min

Lab File: BM001501.D

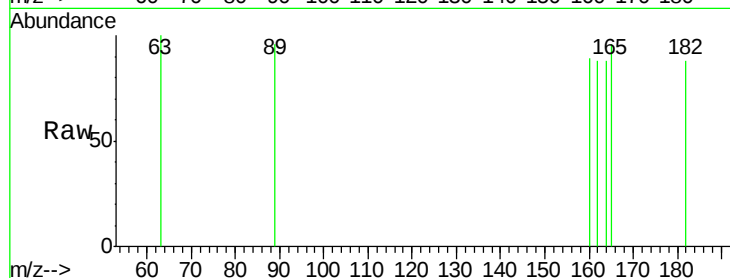
Acq: 31 May 2015 08:07

Instrument :

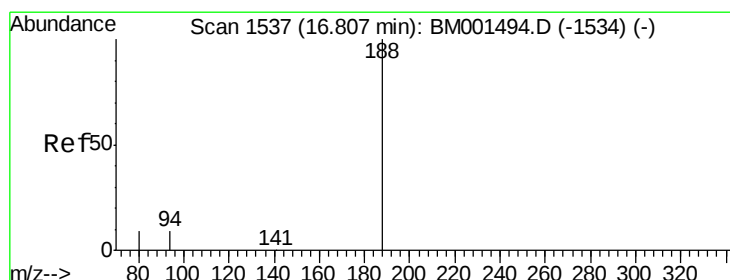
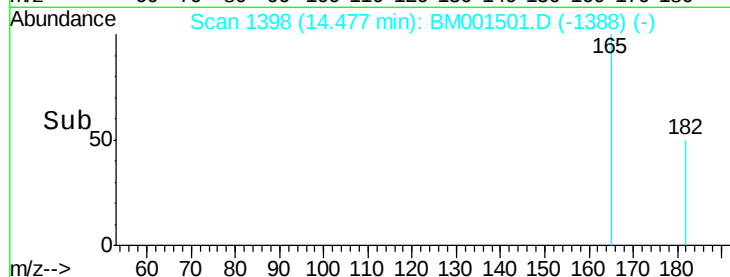
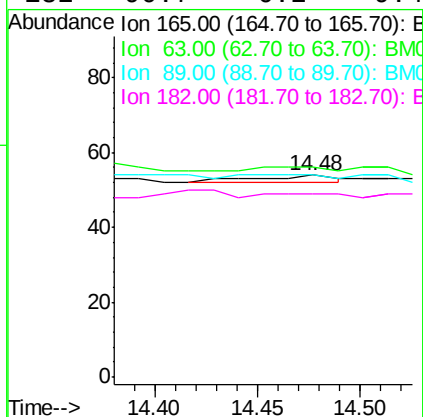
BNA_M

ClientSampleId :

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Tgt Ion:	165	Resp:	5
Ion	Ratio	Lower	Upper
165	100		
63	103.7	63.9	95.9#
89	100.0	65.0	97.6#
182	90.7	6.2	9.4#



#15

Phenanthrene-d10

Concen: 5.00 ng

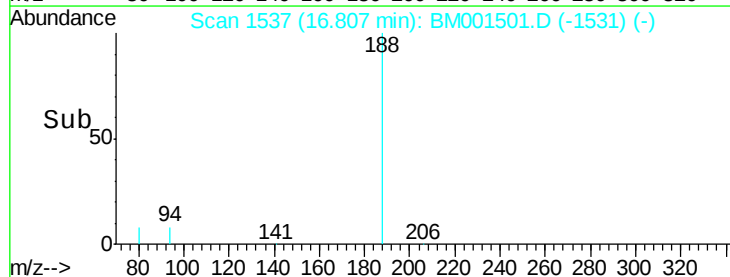
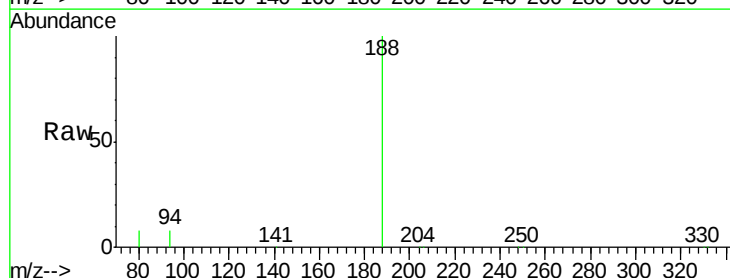
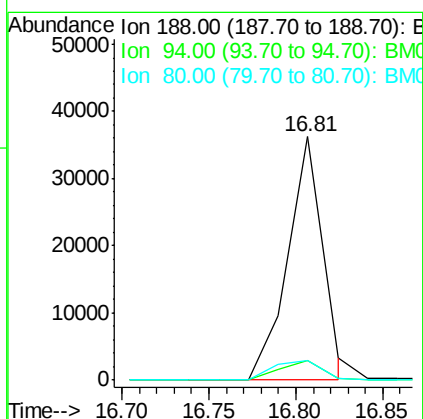
RT: 16.81 min Scan# 1537

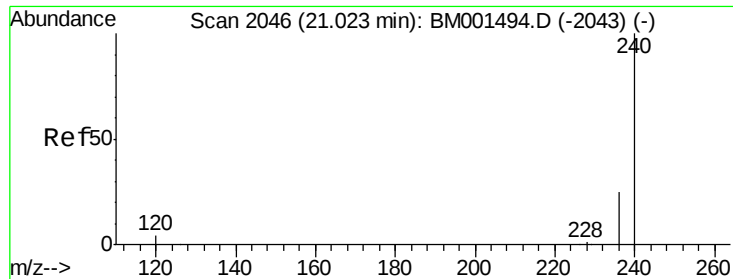
Delta R.T. 0.00 min

Lab File: BM001501.D

Acq: 31 May 2015 08:07

Tgt Ion:	188	Resp:	50627
Ion	Ratio	Lower	Upper
188	100		
94	8.1	7.1	10.7
80	8.0	7.3	10.9

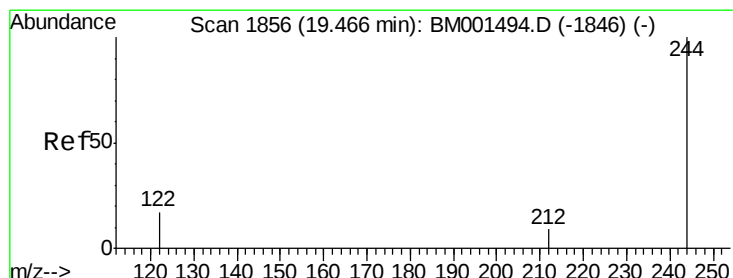
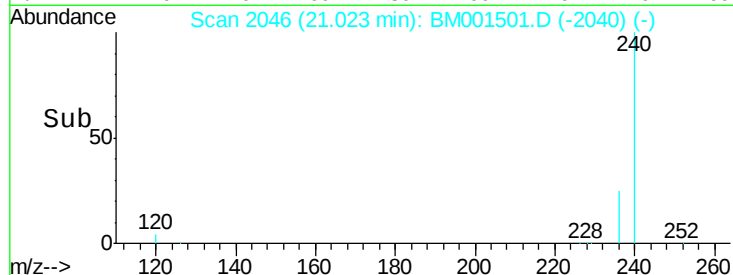
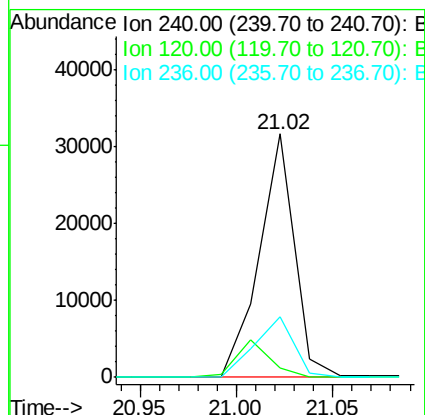
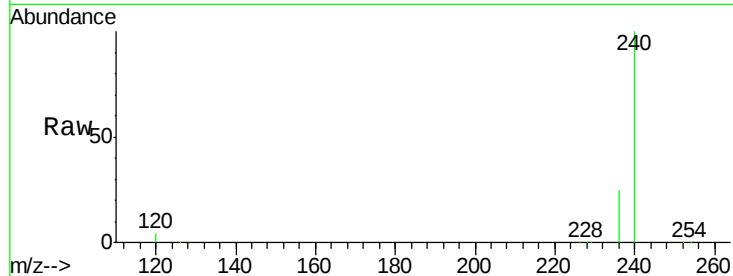




#17
 Chrysene-d12
 Concen: 5.00 ng
 RT: 21.02 min Scan# 2046
 Delta R.T. 0.00 min
 Lab File: BM001501.D
 Acq: 31 May 2015 08:07

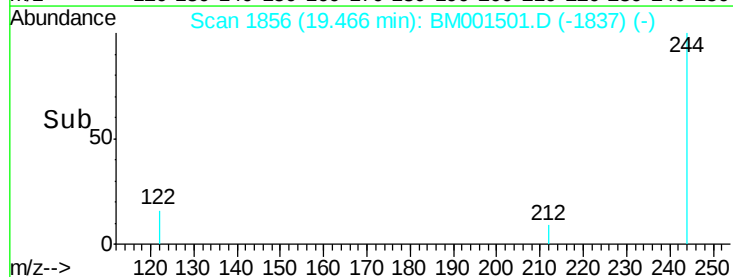
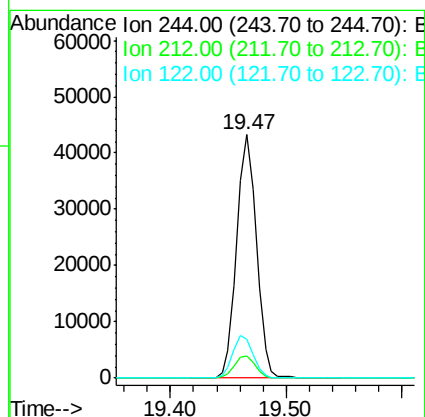
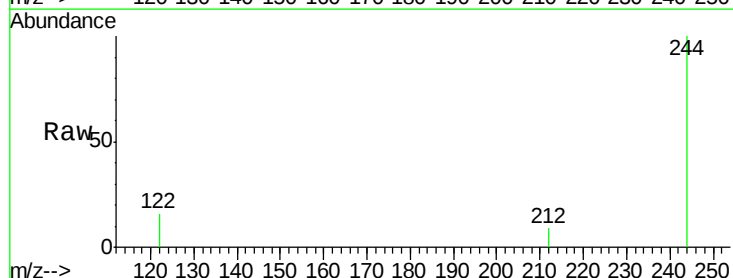
Instrument :
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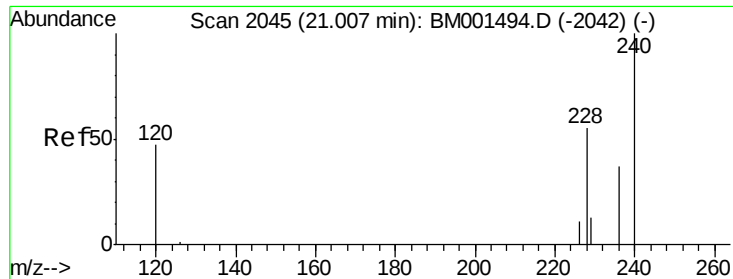
Tgt Ion:240 Resp: 40564
 Ion Ratio Lower Upper
 240 100
 120 4.1 3.7 5.5
 236 24.8 19.8 29.8



#18
 Terphenyl-d14
 Concen: 9.37 ng
 RT: 19.47 min Scan# 1856
 Delta R.T. 0.00 min
 Lab File: BM001501.D
 Acq: 31 May 2015 08:07

Tgt Ion:244 Resp: 50799
 Ion Ratio Lower Upper
 244 100
 212 9.2 8.0 12.0
 122 16.1 14.1 21.1





#19

Benzo(a)anthracene

Concen: 0.01 ng

RT: 21.01 min Scan# 2045

Delta R.T. 0.00 min

Lab File: BM001501.D

Acq: 31 May 2015 08:07

Instrument :

BNA_M

ClientSampleId :

OM-SP-001-150528

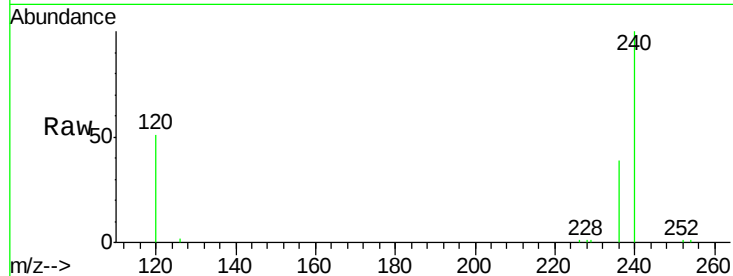
Tgt Ion: 228 Resp: 160

Ion Ratio Lower Upper

228 100

226 50.0 17.5 26.3#

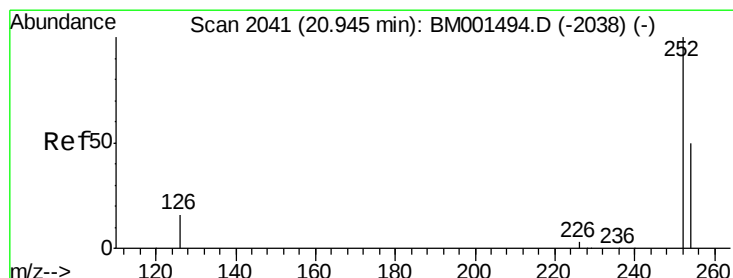
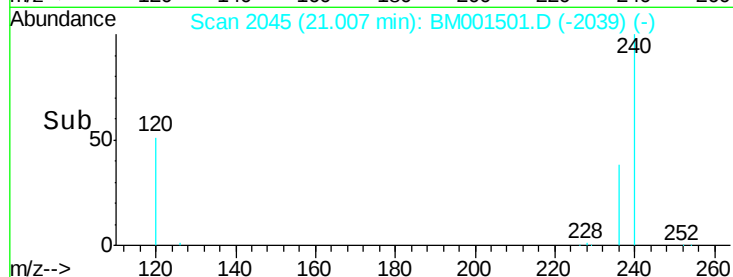
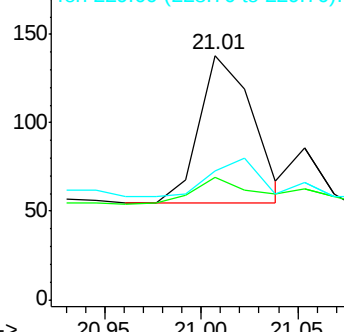
229 52.9 19.0 28.4#



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: 0.00 ng

RT: 20.95 min Scan# 2041

Delta R.T. 0.00 min

Lab File: BM001501.D

Acq: 31 May 2015 08:07

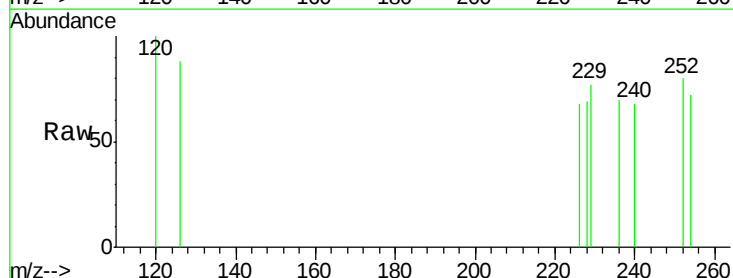
Tgt Ion: 252 Resp: 3

Ion Ratio Lower Upper

252 100

254 89.2 41.2 61.8#

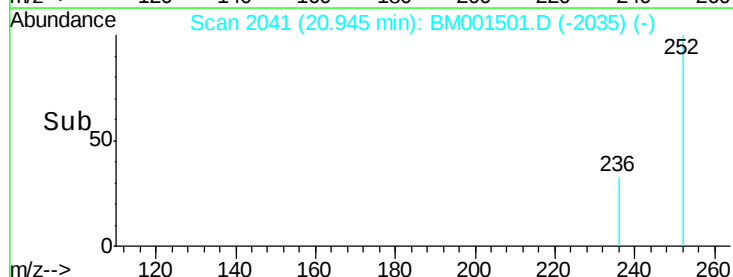
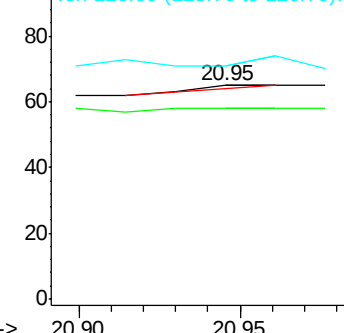
126 109.2 14.7 22.1#

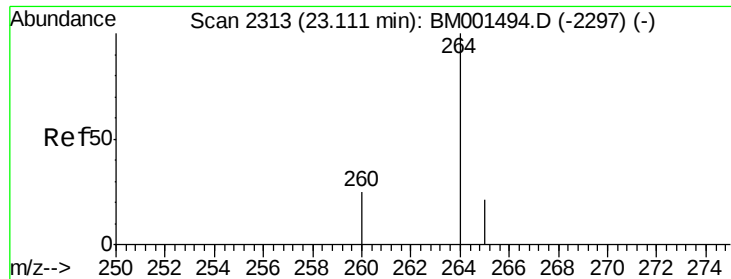


Abundance Ion 252.00 (251.70 to 252.70): E

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: BM001501.D
Acq: 31 May 2015 08:07

Instrument :
BNA_M
ClientSampleId :
OM-SP-001-150528

Tgt Ion: 264 Resp: 36460
Ion Ratio Lower Upper
264 100
260 25.1 19.8 29.8
265 21.7 18.0 27.0

