

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM053115\
 Data File : BM001505.D
 Acq On : 31 May 2015 10:31
 Operator : TP/IZ
 Sample : PB83689BL
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB83689BL

Quant Time: Jun 01 05:51:17 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

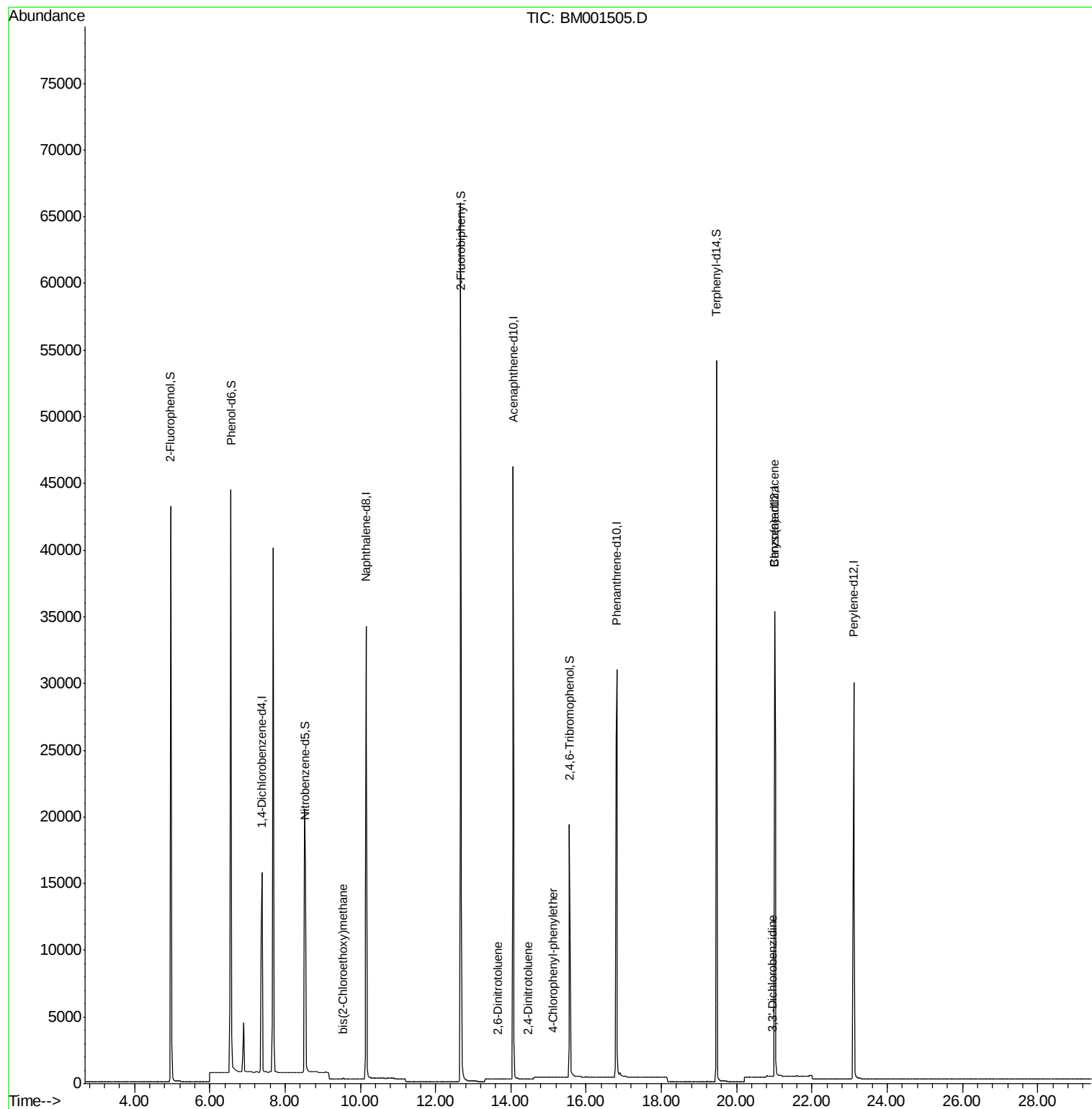
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.38	152	12238	5.00	ng	0.00
6) Naphthalene-d8	10.15	136	46126	5.00	ng	0.00
9) Acenaphthene-d10	14.06	164	24873	5.00	ng	0.00
15) Phenanthrene-d10	16.81	188	49861	5.00	ng	0.00
17) Chrysene-d12	21.01	240	40332	5.00	ng	-0.01
21) Perylene-d12	23.11	264	36526	5.00	ng	0.00
System Monitoring Compounds						
2) 2-Fluorophenol	4.97	112	32243	13.39	ng	0.00
3) Phenol-d6	6.57	99	45033	14.33	ng	0.00
7) Nitrobenzene-d5	8.53	82	22271	8.94	ng	0.00
10) 2,4,6-Tribromophenol	15.56	330	12772	14.49	ng	-0.01
11) 2-Fluorobiphenyl	12.67	172	64795	8.99	ng	0.00
18) Terphenyl-d14	19.46	244	50082	9.29	ng	0.00
Target Compounds						Qvalue
8) bis(2-Chloroethoxy)methane	9.55	93	3	0.00	ng	# 1
12) 2,6-Dinitrotoluene	13.66	165	3	0.19	ng	# 14
13) 2,4-Dinitrotoluene	14.47	165	1	0.27	ng	# 67
14) 4-Chlorophenyl-phenylether	15.11	204	1	0.00	ng	# 33
19) Benzo(a)anthracene	21.01	228	145	0.01	ng	# 53
20) 3,3'-Dichlorobenzidine	20.95	252	21	0.01	ng	# 25

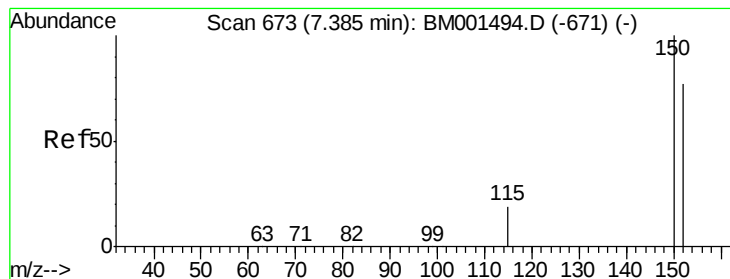
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BM001505.D

Acq: 31 May 2015 10:31

Instrument :

BNA_M

ClientSampleId :

PB83689BL

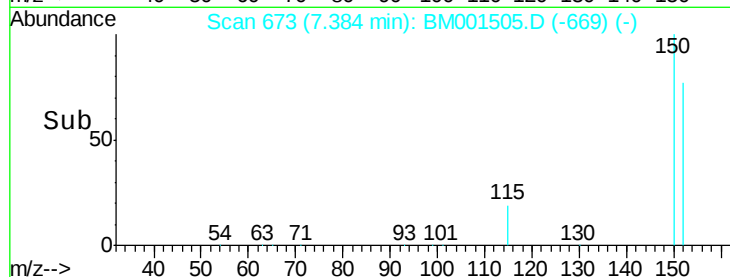
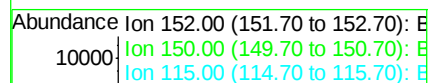
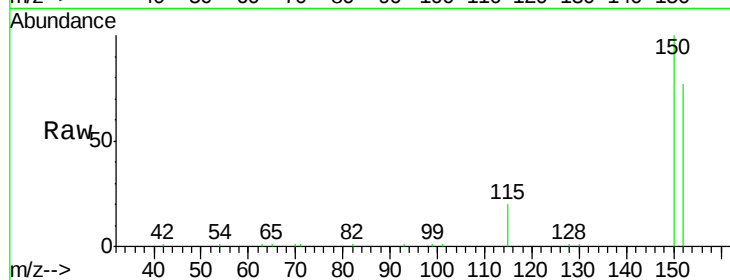
Tgt Ion:152 Resp: 12238

Ion Ratio Lower Upper

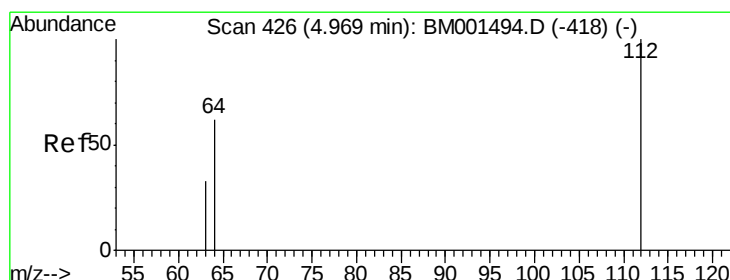
152 100

150 129.5 103.8 155.8

115 25.7 20.7 31.1



Time-->



#2

2-Fluorophenol

Concen: 13.39 ng

RT: 4.97 min Scan# 426

Delta R.T. -0.00 min

Lab File: BM001505.D

Acq: 31 May 2015 10:31

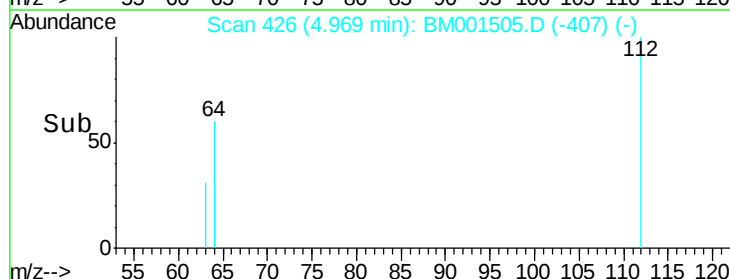
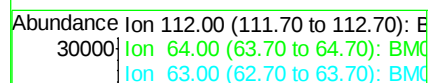
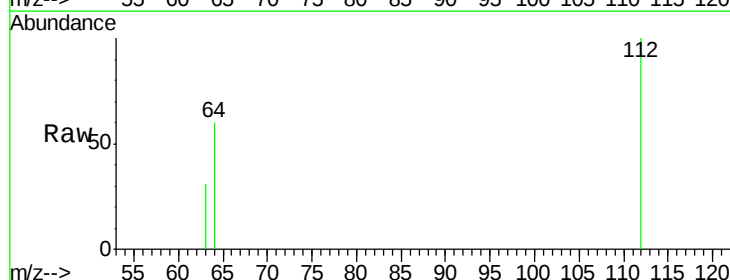
Tgt Ion:112 Resp: 32243

Ion Ratio Lower Upper

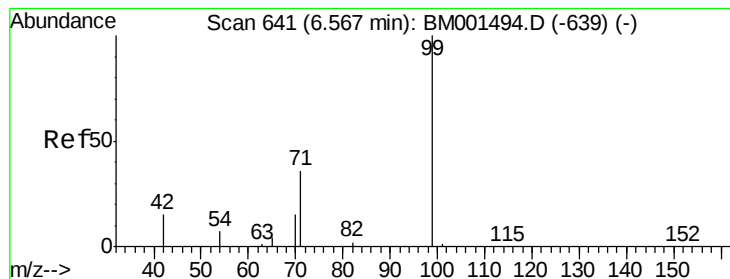
112 100

64 59.9 50.2 75.2

63 30.9 28.2 42.4



Time-->



#3

Phenol-d6

Concen: 14.33 ng

RT: 6.57 min Scan# 641

Delta R.T. -0.00 min

Lab File: BM001505.D

Acq: 31 May 2015 10:31

Instrument :

BNA_M

ClientSampleId :

PB83689BL

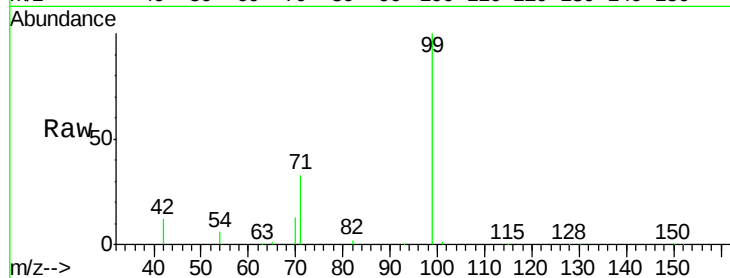
Tgt Ion: 99 Resp: 45033

Ion Ratio Lower Upper

99 100

42 11.6 15.2 22.8#

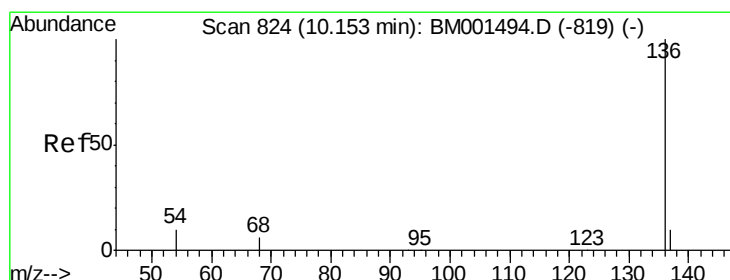
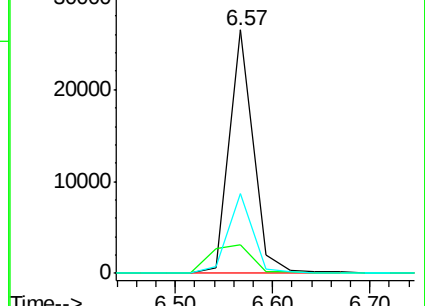
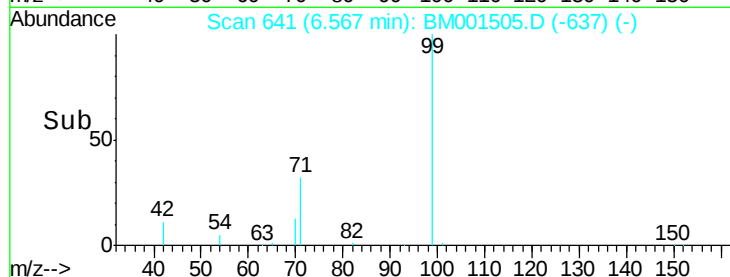
71 32.6 30.6 46.0



Abundance Ion 99.00 (98.70 to 99.70): BM001505.D (-637) (-)

Ion 42.00 (41.70 to 42.70): BM001505.D (-637) (-)

Ion 71.00 (70.70 to 71.70): BM001505.D (-637) (-)



#6

Naphthalene-d8

Concen: 5.00 ng

RT: 10.15 min Scan# 824

Delta R.T. -0.00 min

Lab File: BM001505.D

Acq: 31 May 2015 10:31

Tgt Ion: 136 Resp: 46126

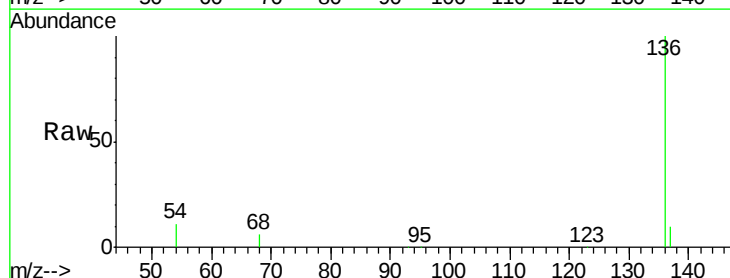
Ion Ratio Lower Upper

136 100

137 10.5 8.3 12.5

54 11.0 8.5 12.7

68 6.3 5.0 7.4

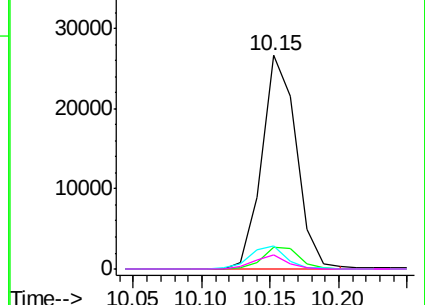
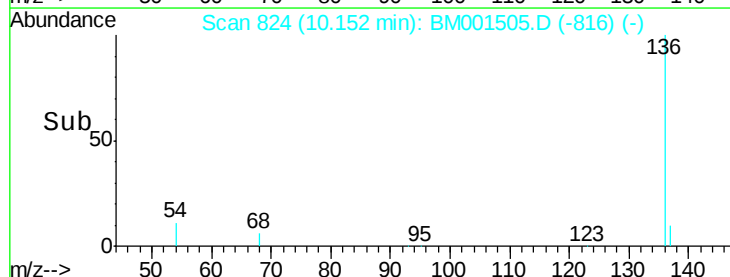


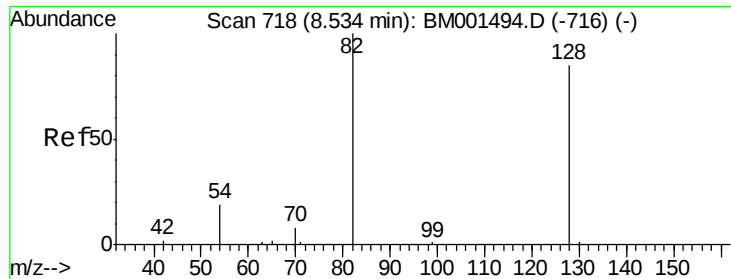
Abundance Ion 136.00 (135.70 to 136.70): BM001505.D (-816) (-)

Ion 137.00 (136.70 to 137.70): BM001505.D (-816) (-)

Ion 54.00 (53.70 to 54.70): BM001505.D (-816) (-)

Ion 68.00 (67.70 to 68.70): BM001505.D (-816) (-)





#7

Nitrobenzene-d5

Concen: 8.94 ng

RT: 8.53 min Scan# 718

Delta R.T. -0.00 min

Lab File: BM001505.D

Acq: 31 May 2015 10:31

Instrument :

BNA_M

ClientSampleId :

PB83689BL

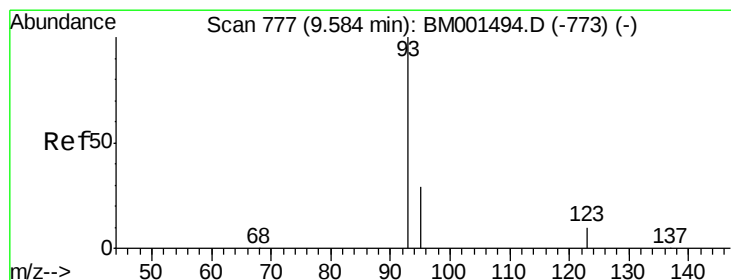
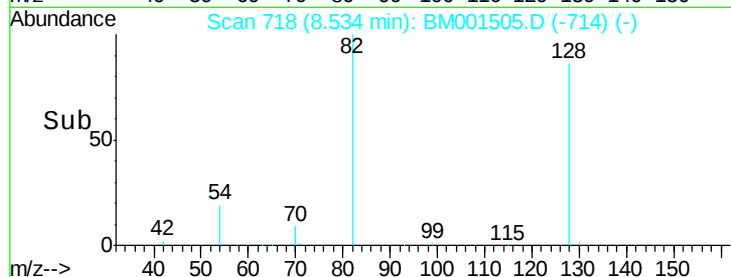
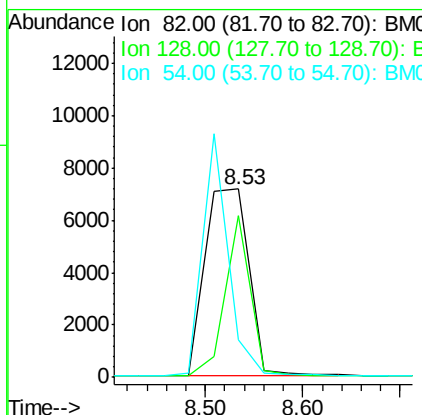
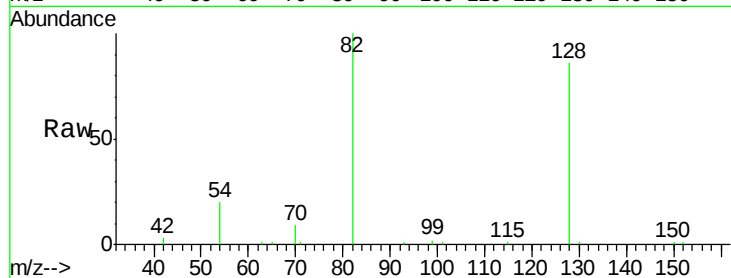
Tgt Ion: 82 Resp: 22271

Ion Ratio Lower Upper

82 100

128 86.0 68.2 102.2

54 20.1 21.0 31.4#



#8

bis(2-Chloroethoxy)methane

Concen: 0.00 ng

RT: 9.55 min Scan# 774

Delta R.T. -0.04 min

Lab File: BM001505.D

Acq: 31 May 2015 10:31

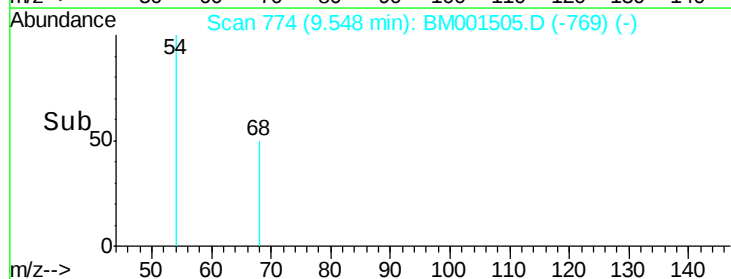
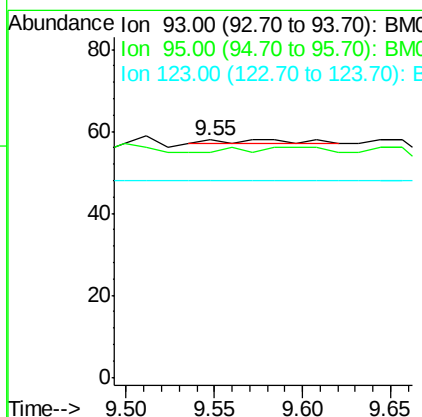
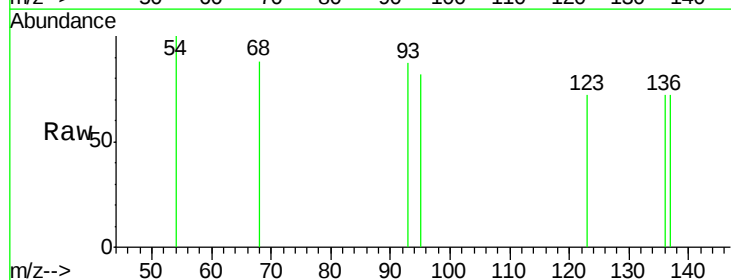
Tgt Ion: 93 Resp: 3

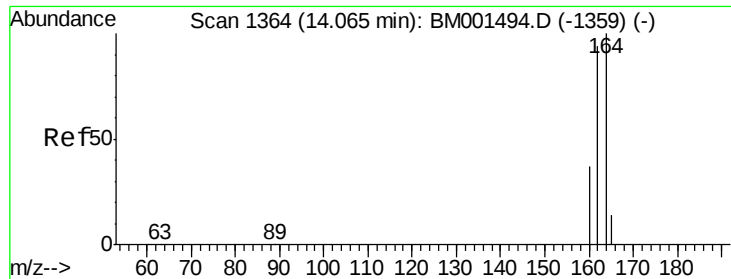
Ion Ratio Lower Upper

93 100

95 94.8 25.0 37.6#

123 82.8 9.5 14.3#

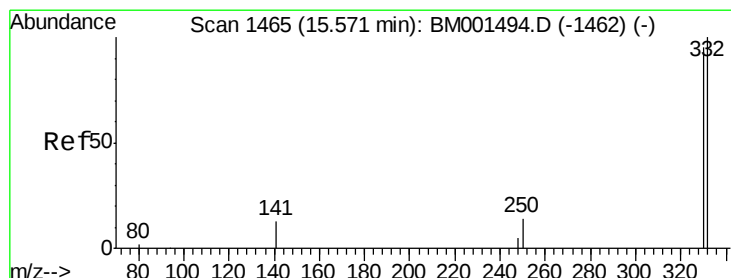
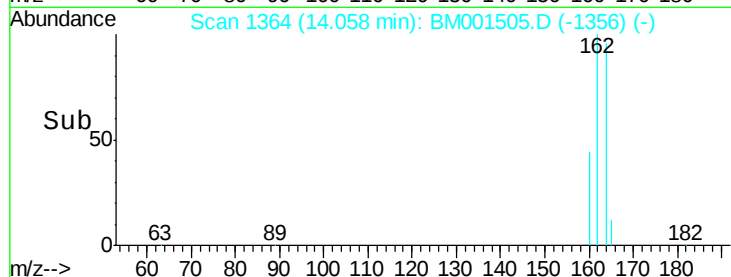
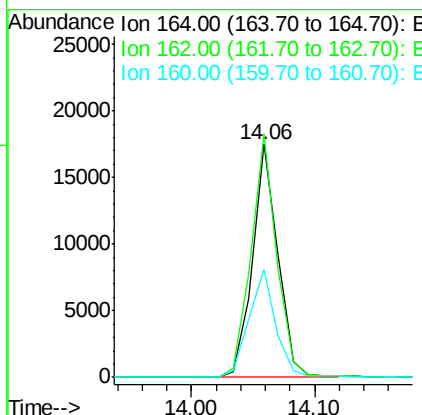
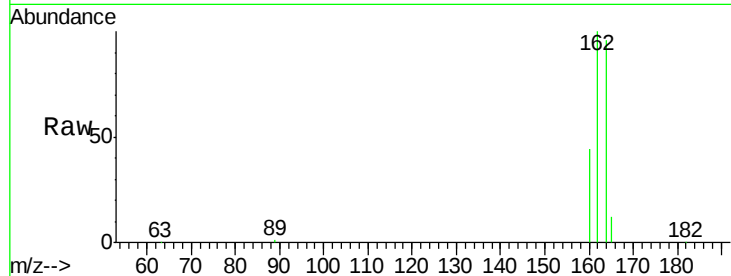




#9
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.06 min Scan# 1364
Delta R.T. -0.01 min
Lab File: BM001505.D
Acq: 31 May 2015 10:31

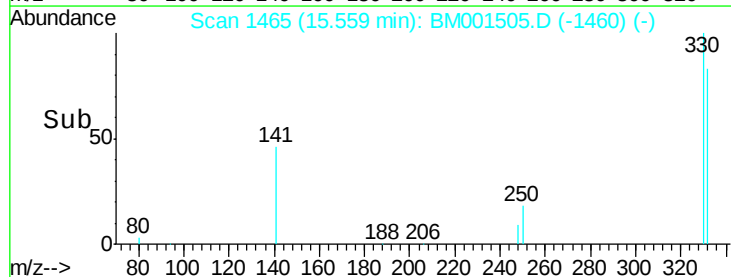
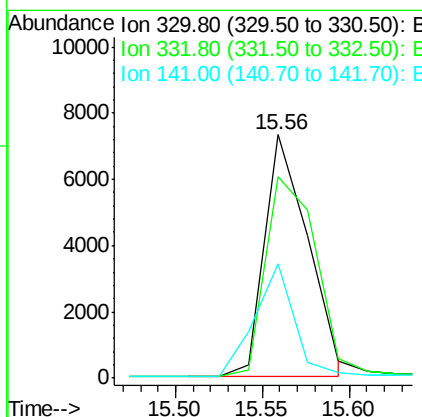
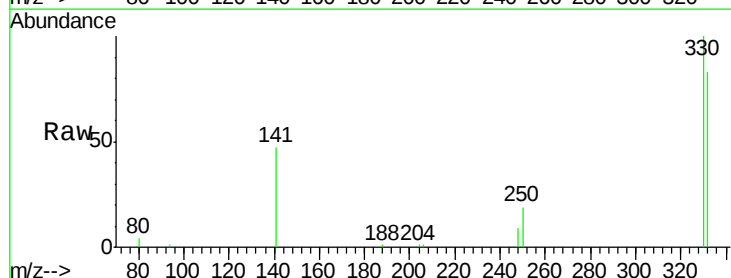
Instrument :
BNA_M
ClientSampleId :
PB83689BL

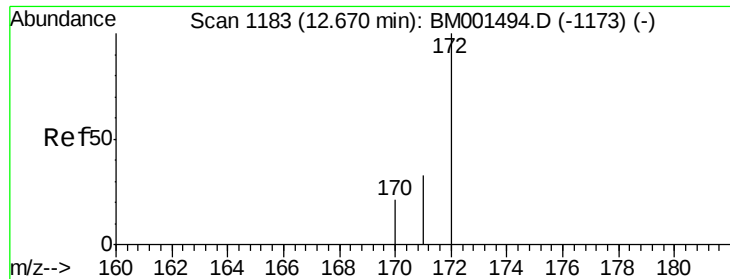
Tgt Ion:164 Resp: 24873
Ion Ratio Lower Upper
164 100
162 104.5 75.3 112.9
160 46.1 30.1 45.1#



#10
2,4,6-Tribromophenol
Concen: 14.49 ng
RT: 15.56 min Scan# 1465
Delta R.T. -0.01 min
Lab File: BM001505.D
Acq: 31 May 2015 10:31

Tgt Ion:330 Resp: 12772
Ion Ratio Lower Upper
330 100
332 95.5 77.6 116.4
141 42.7 34.3 51.5

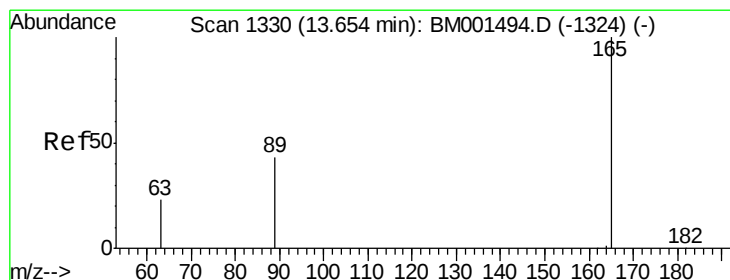
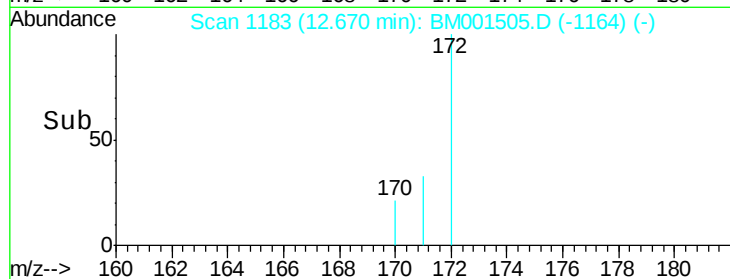
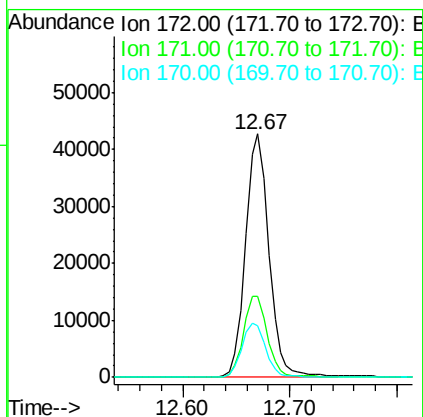
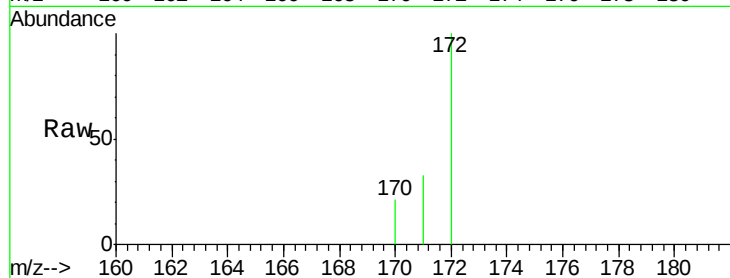




#11
2-Fluorobiphenyl
Concen: 8.99 ng
RT: 12.67 min Scan# 1183
Delta R.T. -0.00 min
Lab File: BM001505.D
Acq: 31 May 2015 10:31

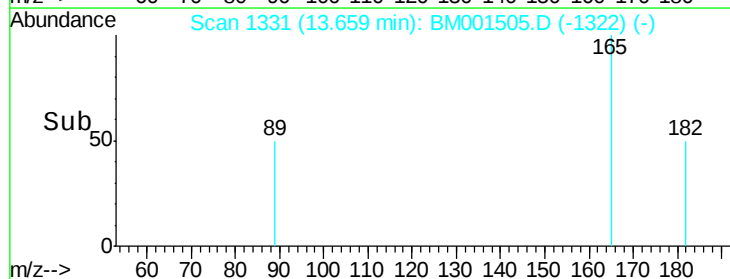
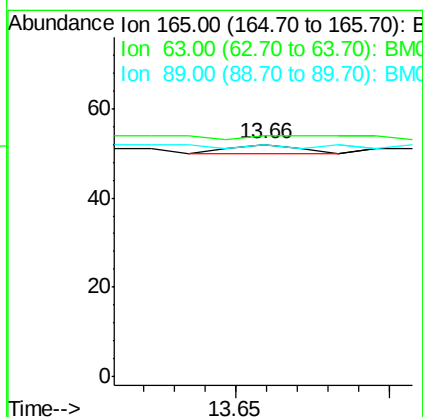
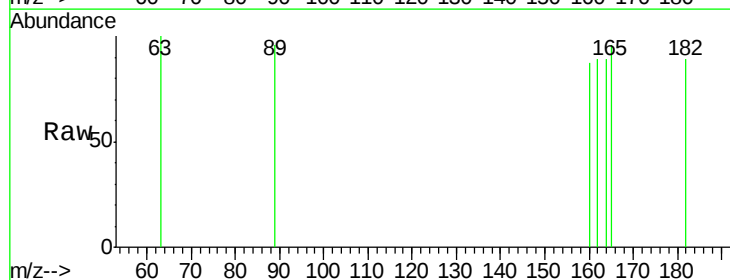
Instrument :
BNA_M
ClientSampled :
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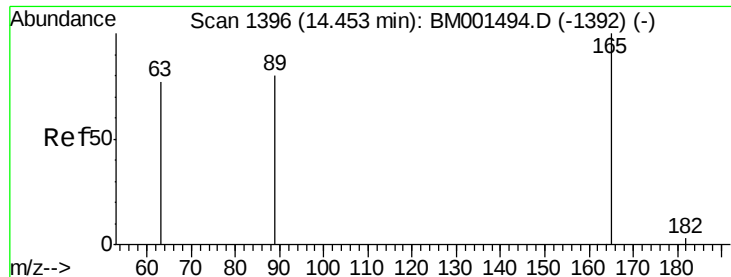
Tgt Ion:172 Resp: 64795
Ion Ratio Lower Upper
172 100
171 33.4 27.2 40.8
170 21.1 17.8 26.6



#12
2,6-Dinitrotoluene
Concen: 0.19 ng
RT: 13.66 min Scan# 1331
Delta R.T. 0.01 min
Lab File: BM001505.D
Acq: 31 May 2015 10:31

Tgt Ion:165 Resp: 3
Ion Ratio Lower Upper
165 100
63 103.8 35.3 52.9#
89 100.0 37.4 56.2#

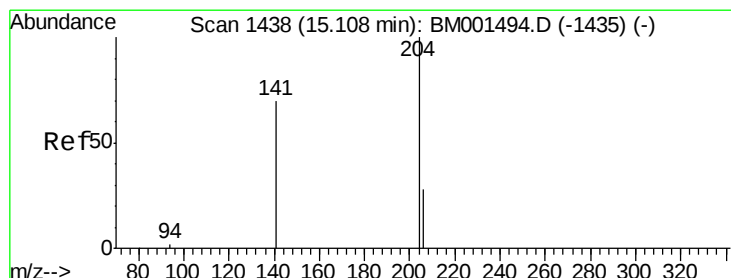
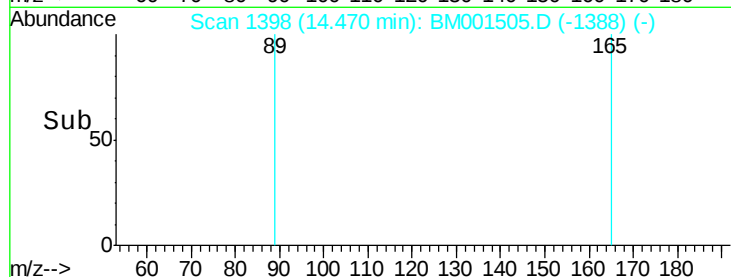
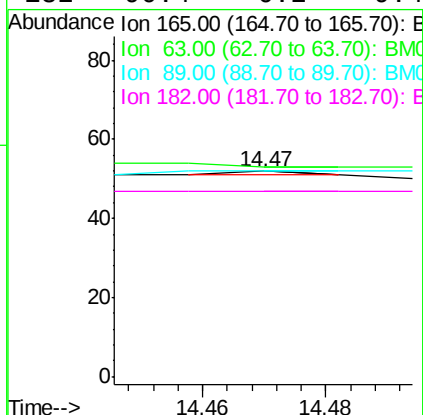
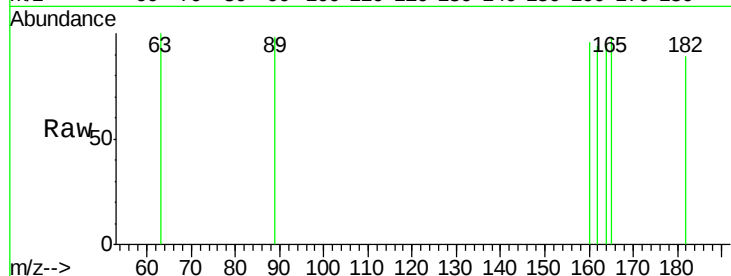




#13
 2,4-Dinitrotoluene
 Concen: 0.27 ng
 RT: 14.47 min Scan# 1398
 Delta R.T. 0.02 min
 Lab File: BM001505.D
 Acq: 31 May 2015 10:31

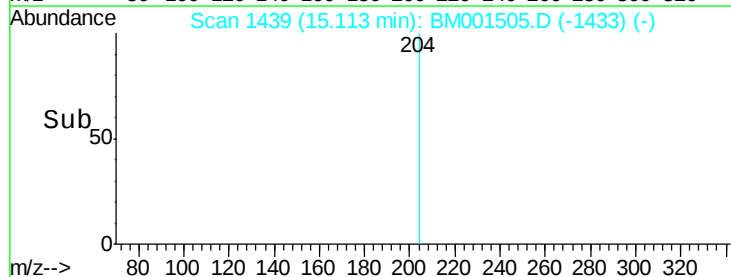
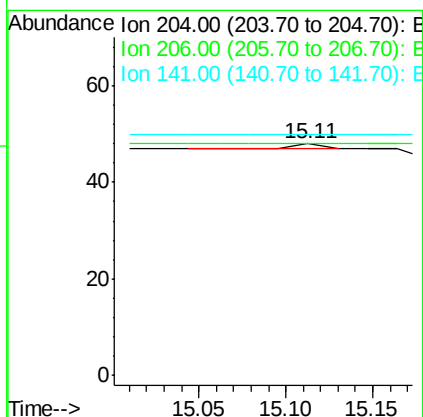
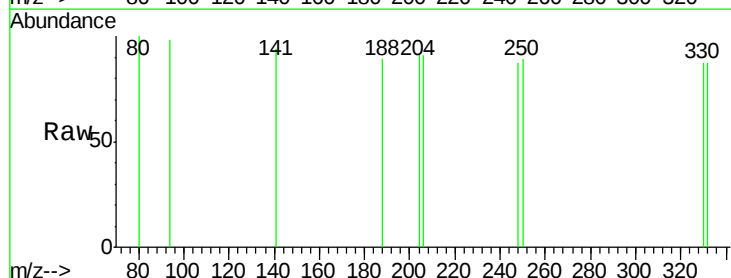
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 PB83689BL

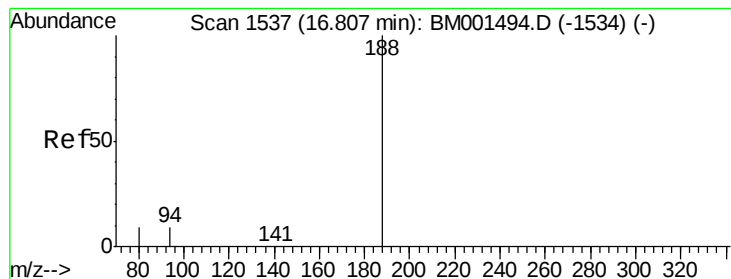
Tgt Ion:165 Resp: 1
 Ion Ratio Lower Upper
 165 100
 63 101.9 63.9 95.9#
 89 100.0 65.0 97.6#
 182 90.4 6.2 9.4#



#14
 4-Chlorophenyl-phenylether
 Concen: 0.00 ng
 RT: 15.11 min Scan# 1439
 Delta R.T. 0.01 min
 Lab File: BM001505.D
 Acq: 31 May 2015 10:31

Tgt Ion:204 Resp: 1
 Ion Ratio Lower Upper
 204 100
 206 100.0 23.8 35.6#
 141 104.2 56.6 85.0#





#15

Phenanthrene-d10

Concen: 5.00 ng

RT: 16.81 min Scan# 1538

Delta R.T. 0.01 min

Lab File: BM001505.D

Acq: 31 May 2015 10:31

Instrument :

BNA_M

ClientSampleId :

PB83689BL

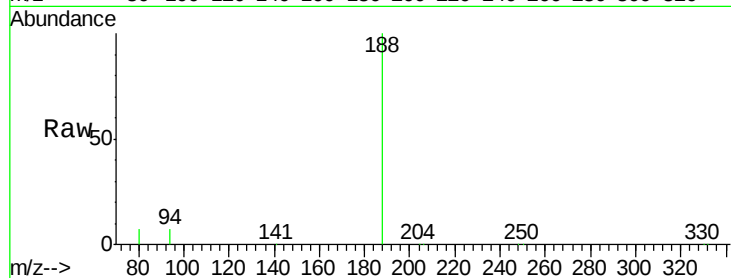
Tgt Ion:188 Resp: 49861

Ion Ratio Lower Upper

188 100

94 7.1 7.1 10.7#

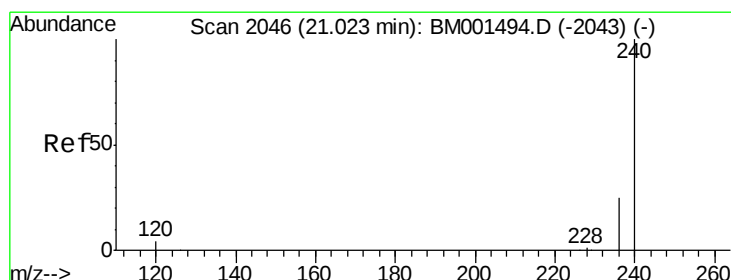
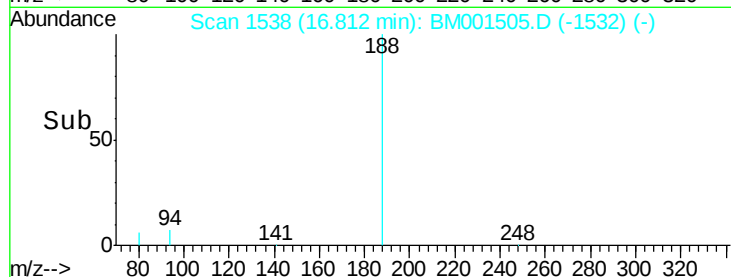
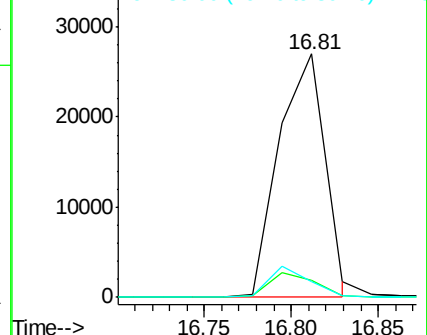
80 6.5 7.3 10.9#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM0

Ion 80.00 (79.70 to 80.70): BM0



#17

Chrysene-d12

Concen: 5.00 ng

RT: 21.01 min Scan# 2048

Delta R.T. -0.01 min

Lab File: BM001505.D

Acq: 31 May 2015 10:31

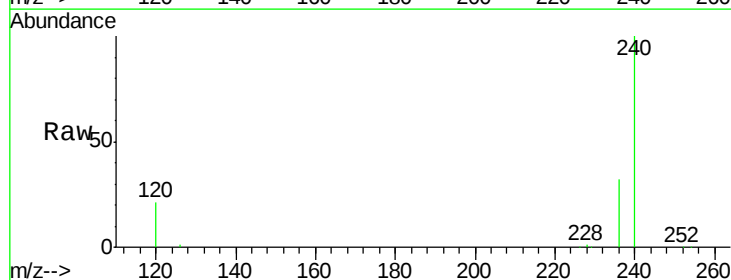
Tgt Ion:240 Resp: 40332

Ion Ratio Lower Upper

240 100

120 20.6 3.7 5.5#

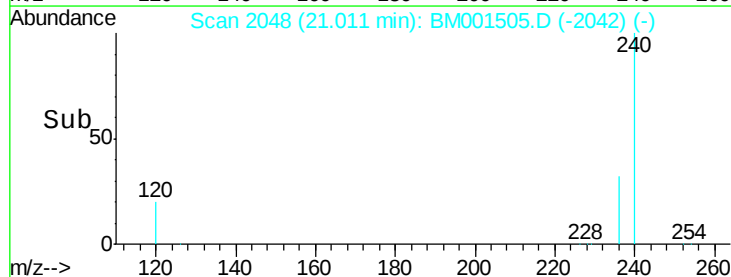
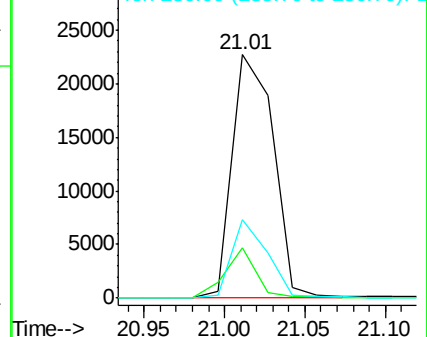
236 32.5 19.8 29.8#

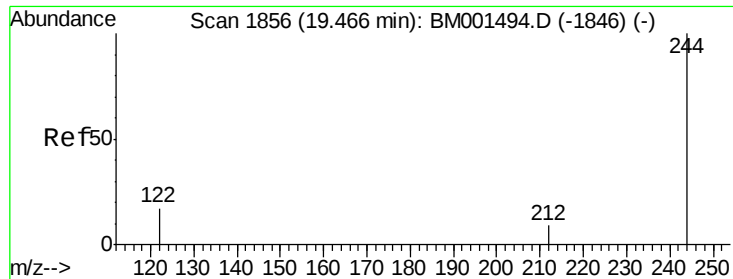


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#18

Terphenyl-d14

Concen: 9.29 ng

RT: 19.46 min Scan# 1858

Delta R.T. -0.00 min

Lab File: BM001505.D

Acq: 31 May 2015 10:31

Instrument :

BNA_M

ClientSampleId :

PB83689BL

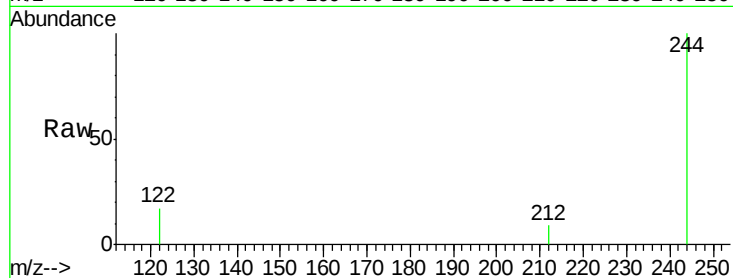
Tgt Ion:244 Resp: 50082

Ion Ratio Lower Upper

244 100

212 9.3 8.0 12.0

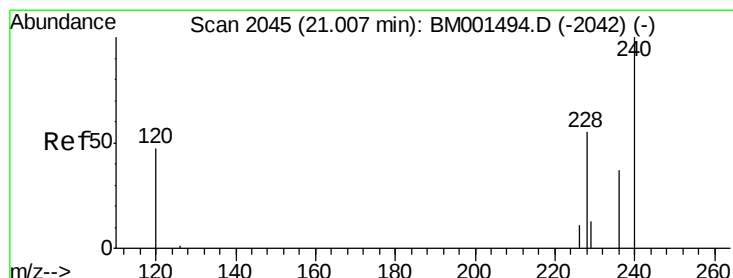
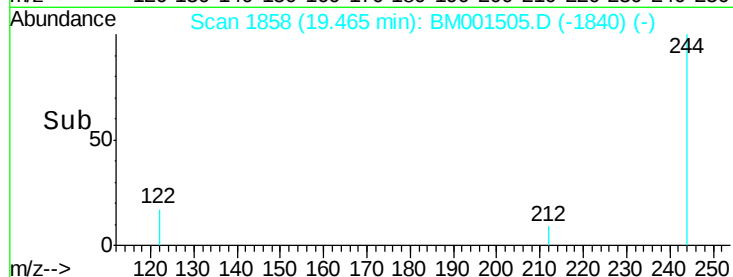
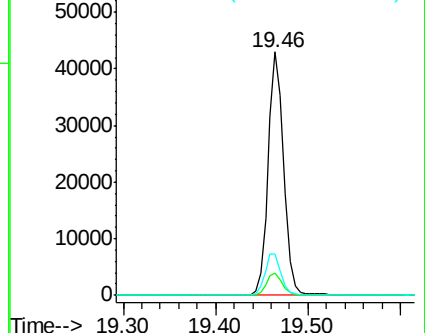
122 16.8 14.1 21.1



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#19

Benzo(a)anthracene

Concen: 0.01 ng

RT: 21.01 min Scan# 2048

Delta R.T. 0.00 min

Lab File: BM001505.D

Acq: 31 May 2015 10:31

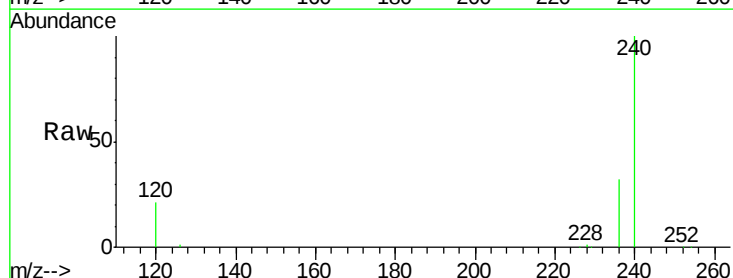
Tgt Ion:228 Resp: 145

Ion Ratio Lower Upper

228 100

226 41.3 17.5 26.3#

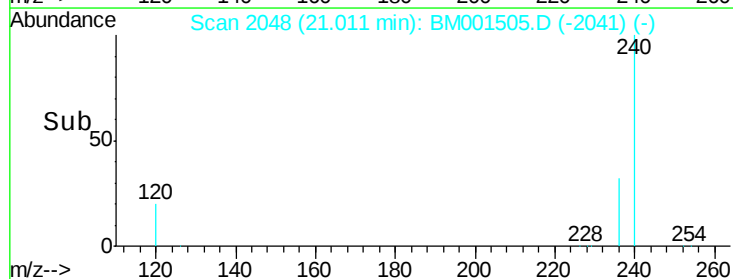
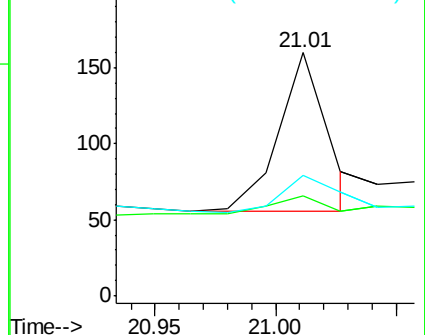
229 49.4 19.0 28.4#

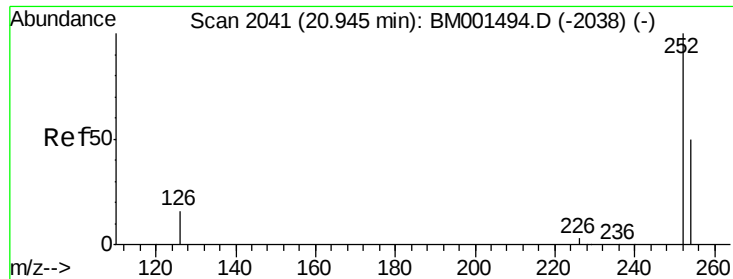


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

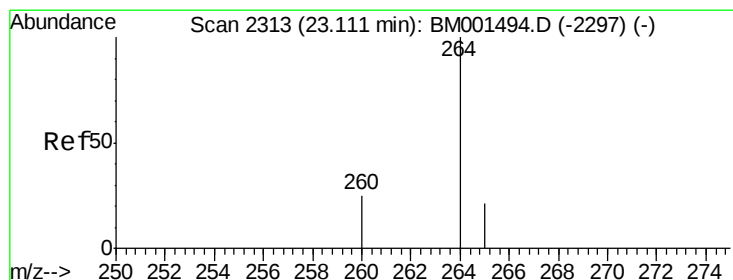
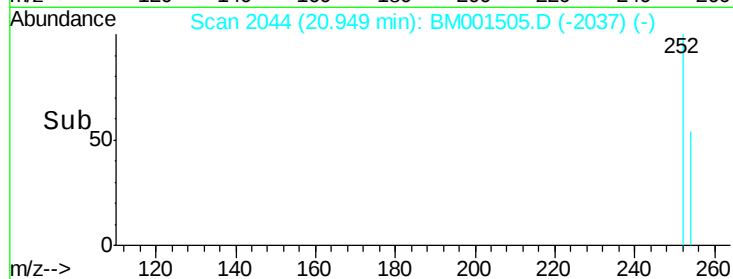
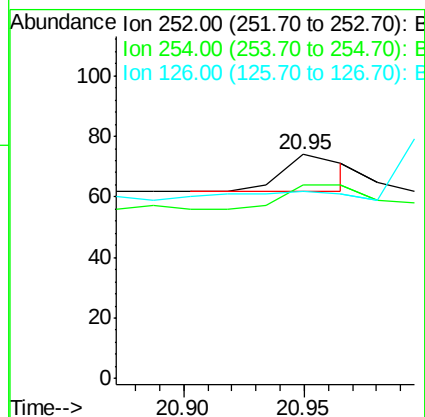
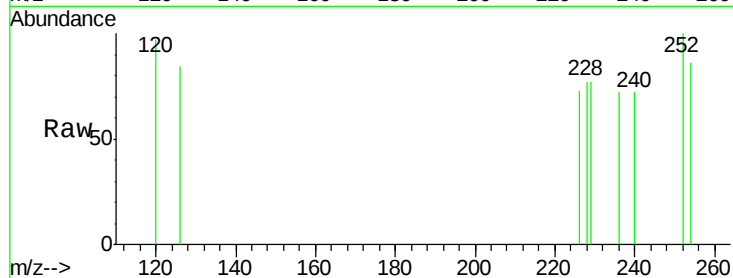




#20
 3,3'-Dichlorobenzidine
 Concen: 0.01 ng
 RT: 20.95 min Scan# 2044
 Delta R.T. 0.00 min
 Lab File: BM001505.D
 Acq: 31 May 2015 10:31

Instrument :
 BNA_M
 ClientSampleId :
 PB83689BL

Tgt Ion: 252 Resp: 21
 Ion Ratio Lower Upper
 252 100
 254 86.5 41.2 61.8#
 126 83.8 14.7 22.1#



#21
 Perylene-d12
 Concen: 5.00 ng
 RT: 23.11 min Scan# 2317
 Delta R.T. -0.00 min
 Lab File: BM001505.D
 Acq: 31 May 2015 10:31

Tgt Ion: 264 Resp: 36526
 Ion Ratio Lower Upper
 264 100
 260 24.1 19.8 29.8
 265 22.3 18.0 27.0

