

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM081915\
 Data File : BM002500.D
 Acq On : 19 Aug 2015 20:41
 Operator : UM/IZ
 Sample : MDL-BLK-S
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 MDL-BLK-S

Quant Time: Aug 20 03:47:39 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM080715.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Aug 20 03:46:55 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.82	152	100049	20.00	ng/ul	0.00
18) Naphthalene-d8	11.69	136	491335	20.00	ng/ul	0.00
36) Acenaphthene-d10	15.41	164	284377	20.00	ng/ul	0.00
62) Phenanthrene-d10	18.12	188	624578	20.00	ng/ul	0.00
78) Chrysene-d12	22.20	240	688867	20.00	ng/ul	0.00
86) Perylene-d12	24.86	264	716898	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.85	96	12961	5.98	ng/uL	0.00
5) Phenol-d5	7.93	99	279903	30.93	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	8.11	67	161806	30.28	ng/ul	0.00
9) 2-Chlorophenol-d4	8.34	132	252925	33.82	ng/ul	0.00
13) 4-Methylphenol-d8	9.52	113	254850	32.87	ng/ul	0.00
19) Nitrobenzene-d5	10.02	128	134961	36.64	ng/ul	0.00
22) 2-Nitrophenol-d4	10.75	143	146352	44.92	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	11.29	165	235910	33.00	ng/ul	0.00
29) 4-Chloroaniline-d4	11.81	131	386483	40.75	ng/ul	0.00
44) Dimethylphthalate-d6	14.79	166	824270	35.21	ng/ul	0.00
47) Acenaphthylene-d8	15.12	160	1020498	34.64	ng/ul	0.00
52) 4-Nitrophenol-d4	15.57	143	152118	36.00	ng/ul	0.00
58) Fluorene-d10	16.38	176	691774	33.76	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	16.49	200	110848	45.16	ng/ul	0.00
71) Anthracene-d10	18.22	188	1083060	35.74	ng/ul	0.00
79) Pyrene-d10	20.44	212	1155665	34.59	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.69	264	1367087	35.91	ng/ul	0.00

Target Compounds

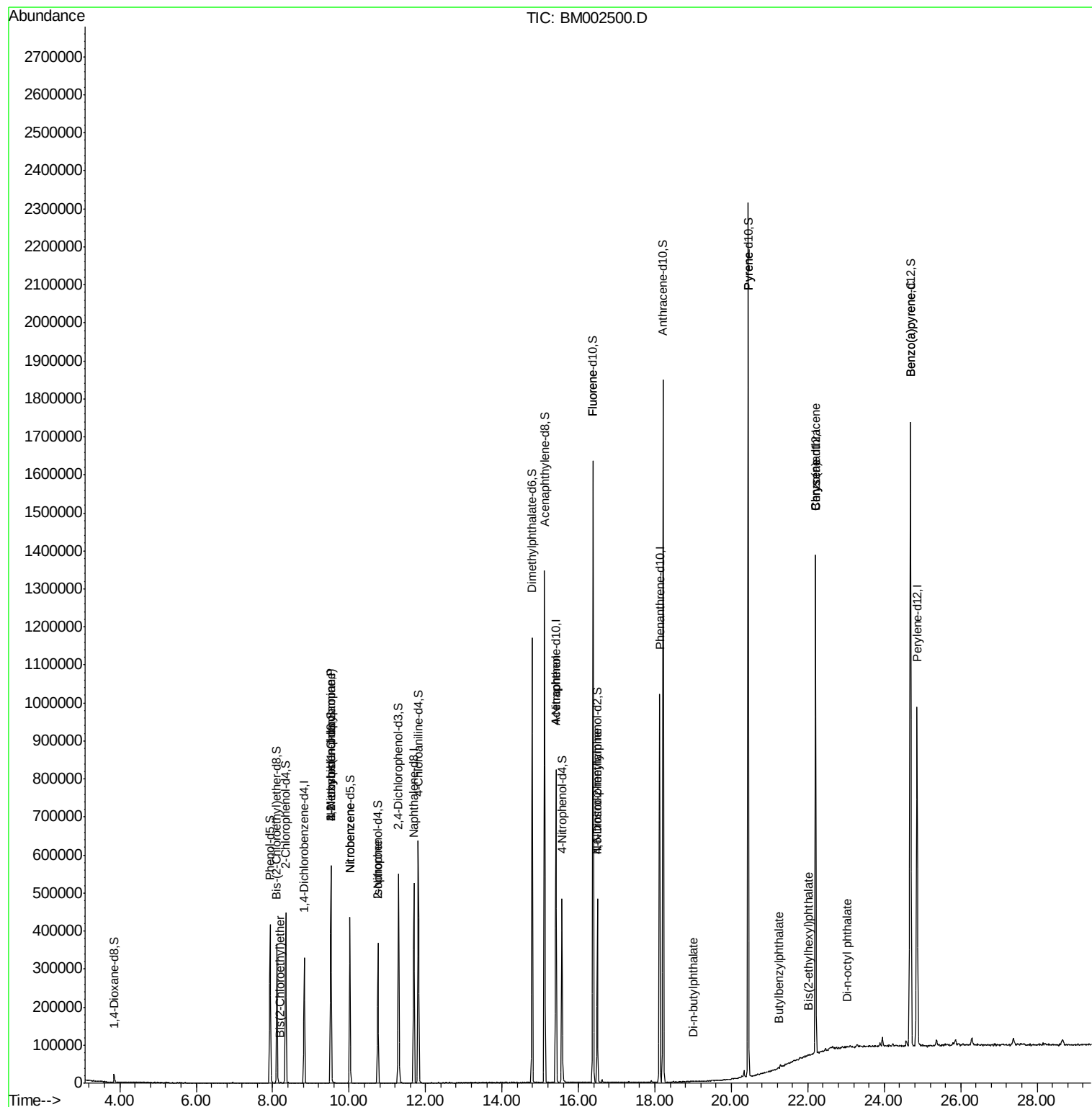
						Qvalue
8) Bis(2-Chloroethyl)ether	8.20	93	847	0.12	ng/ul#	68
12) 2,2'-oxybis(1-Chloropropan	9.52	45	1327	0.10	ng/ul#	72
15) N-Nitroso-di-n-propylamine	9.52	70	4970	0.80	ng/ul#	1
20) Nitrobenzene	10.02	77	551	0.06	ng/ul#	38
21) Isophorone	10.75	82	6805	0.40	ng/ul#	67
53) 4-Nitrophenol	15.41	109	253	0.08	ng/ul#	21
59) Fluorene	16.38	166	1275	0.06	ng/ul#	7
65) N-Nitrosodiphenylamine	16.50	169	838	0.04	ng/ul#	5
76) Di-n-butylphthalate	18.99	149	280	0.01	ng/ul#	79
80) Pyrene	20.44	202	1637	0.04	ng/ul#	1
81) Butylbenzylphthalate	21.25	149	867	0.04	ng/ul#	23
83) Benzo(a)anthracene	22.20	228	1795	0.04	ng/ul#	55
84) Bis(2-ethylhexyl)phthalate	22.02	149	315	0.01	ng/ul#	53
85) Chrysene	22.20	228	1795	0.05	ng/ul#	53
87) Di-n-octyl phthalate	23.03	149	85	0.00	ng/ul	100
91) Benzo(a)pyrene	24.68	252	4731	0.11	ng/ul#	65

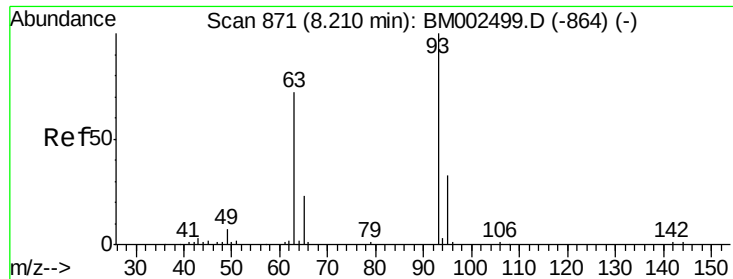
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#8

Bis(2-Chloroethyl)ether

Concen: 0.12 ng/ul

RT: 8.20 min Scan# 870

Delta R.T. -0.01 min

Lab File: BM002500.D

Acq: 19 Aug 2015 20:41

Instrument :

BNA_M

ClientSampleId :

MDL-BLK-S

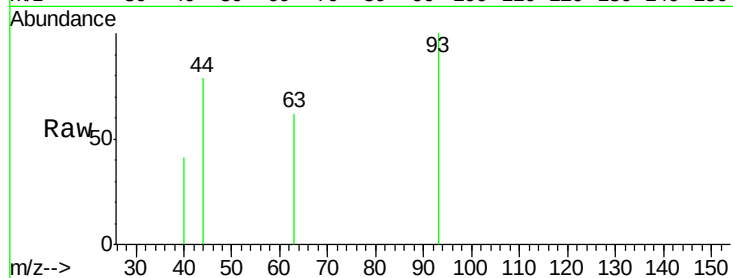
Tgt Ion: 93 Resp: 847

Ion Ratio Lower Upper

93 100

63 62.1 64.6 97.0#

95 0.0 26.6 40.0#

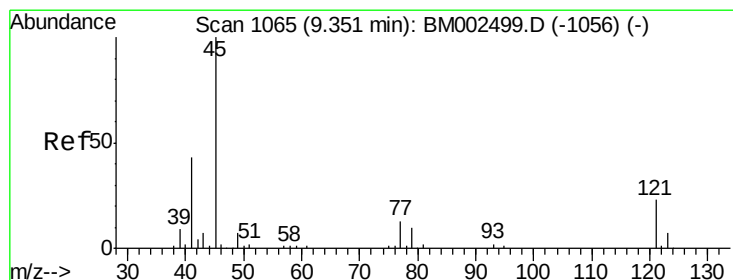
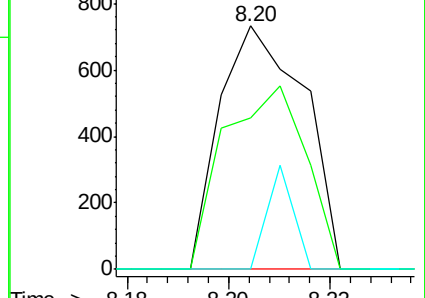
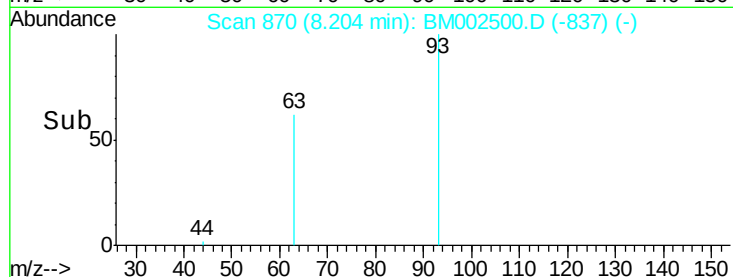


Abundance Ion 93.00 (92.70 to 93.70): BM002499.D (-864) (-)

Ion 63.00 (62.70 to 63.70): BM002499.D (-864) (-)

Ion 95.00 (94.70 to 95.70): BM002499.D (-864) (-)

Time-->



#12

2,2'-oxybis(1-Chloropropane)

Concen: 0.10 ng/ul

RT: 9.52 min Scan# 1094

Delta R.T. 0.17 min

Lab File: BM002500.D

Acq: 19 Aug 2015 20:41

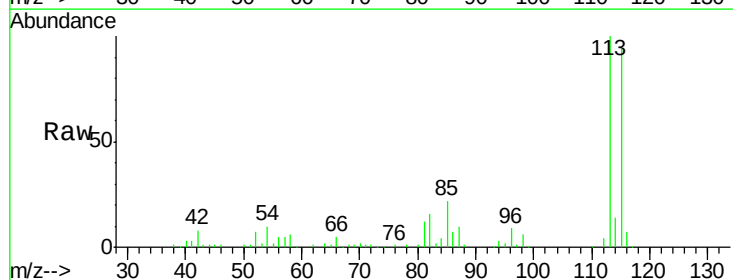
Tgt Ion: 45 Resp: 1327

Ion Ratio Lower Upper

45 100

77 0.0 9.4 14.2#

79 0.0 7.5 11.3#

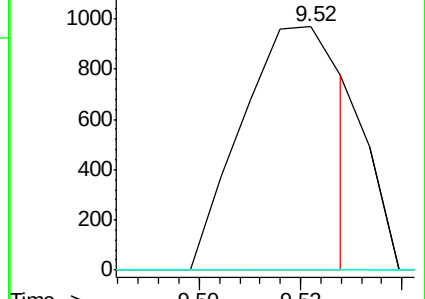
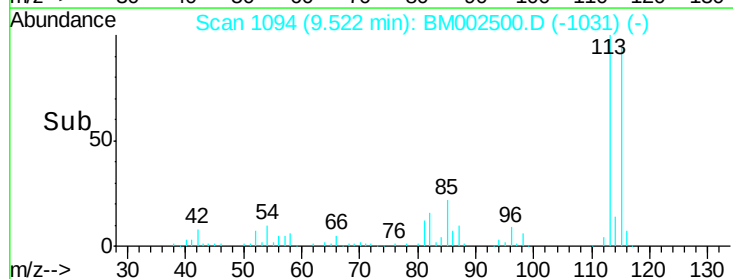


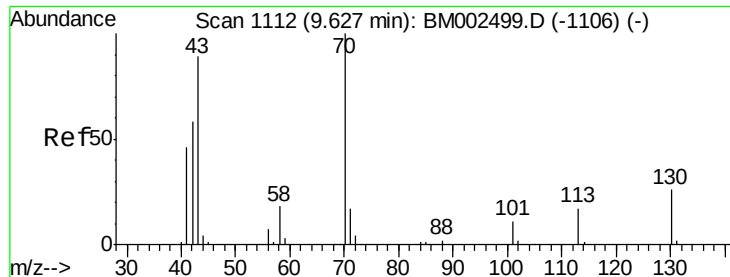
Abundance Ion 45.00 (44.70 to 45.70): BM002499.D (-1056) (-)

Ion 77.00 (76.70 to 77.70): BM002499.D (-1056) (-)

Ion 79.00 (78.70 to 79.70): BM002499.D (-1056) (-)

Time-->





#15

N-Nitroso-di-n-propylamine

Concen: 0.80 ng/ul

RT: 9.52 min Scan# 1094

Delta R.T. -0.11 min

Lab File: BM002500.D

Acq: 19 Aug 2015 20:41

Instrument :

BNA_M

ClientSampleId :

MDL-BLK-S

Tgt Ion: 70 Resp: 4970

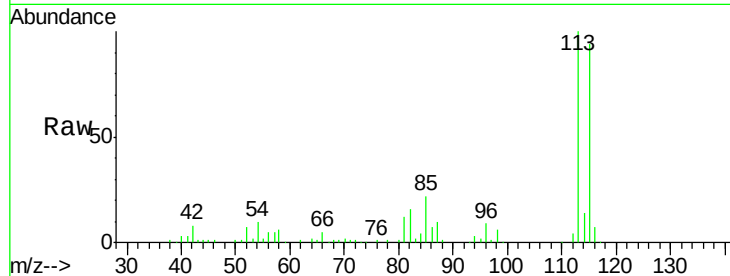
Ion Ratio Lower Upper

70 100

42 410.7 53.4 80.0#

101 0.0 7.7 11.5#

130 0.0 17.5 26.3#

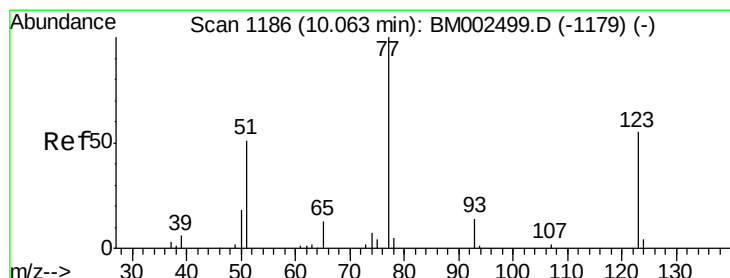
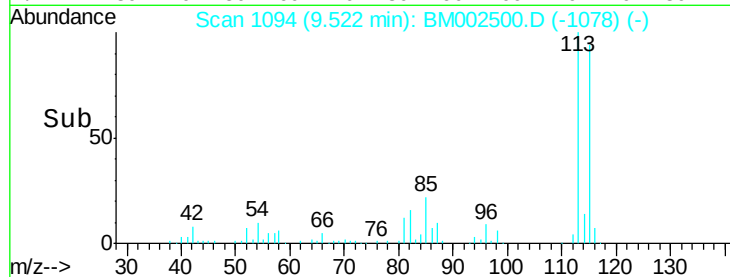
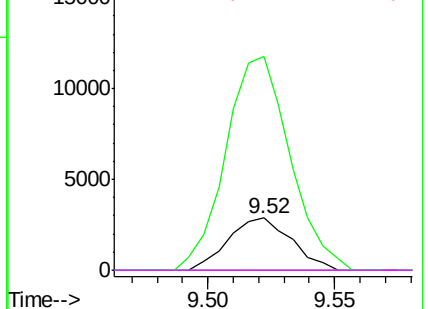


Abundance Ion 70.00 (69.70 to 70.70): BM0

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



#20

Nitrobenzene

Concen: 0.06 ng/ul

RT: 10.02 min Scan# 1179

Delta R.T. -0.04 min

Lab File: BM002500.D

Acq: 19 Aug 2015 20:41

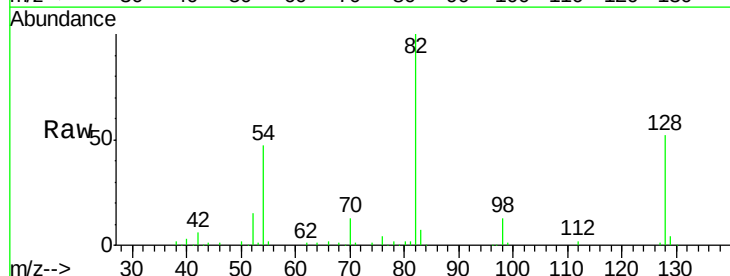
Tgt Ion: 77 Resp: 551

Ion Ratio Lower Upper

77 100

123 0.0 37.0 55.6#

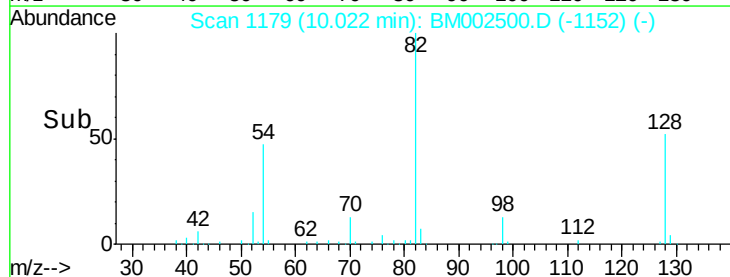
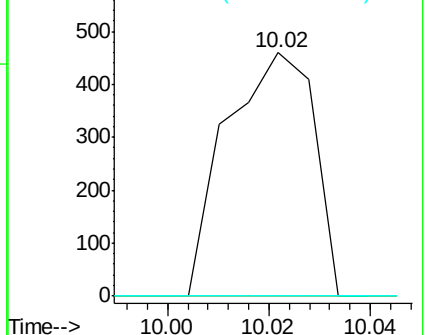
65 0.0 11.0 16.6#

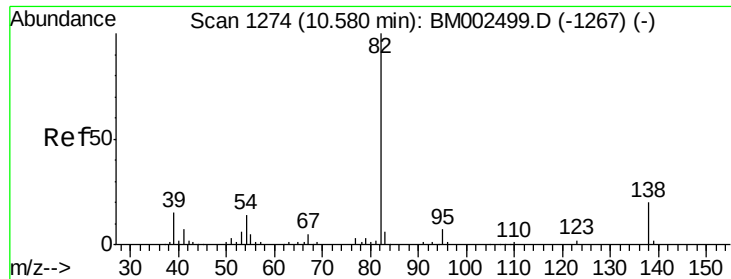


Abundance Ion 77.00 (76.70 to 77.70): BM0

Ion 123.00 (122.70 to 123.70): E

Ion 65.00 (64.70 to 65.70): BM0





#21

Isophorone

Concen: 0.40 ng/ul

RT: 10.75 min Scan# 1303

Delta R.T. 0.17 min

Lab File: BM002500.D

Acq: 19 Aug 2015 20:41

Instrument :

BNA_M

ClientSampleId :

MDL-BLK-S

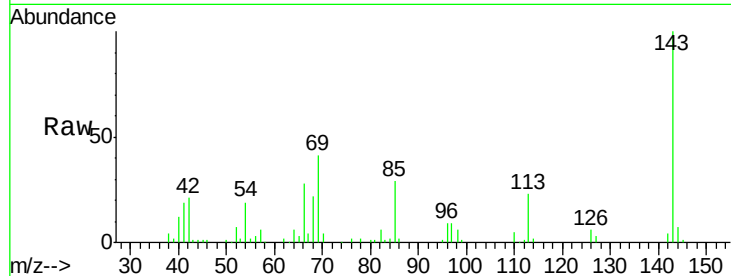
Tgt Ion: 82 Resp: 6805

Ion Ratio Lower Upper

82 100

95 10.7 5.9 8.9#

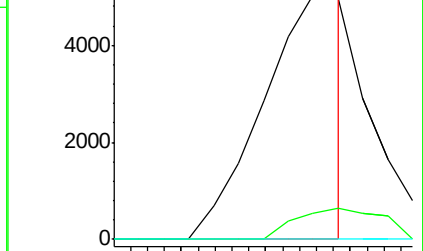
138 0.0 15.0 22.4#



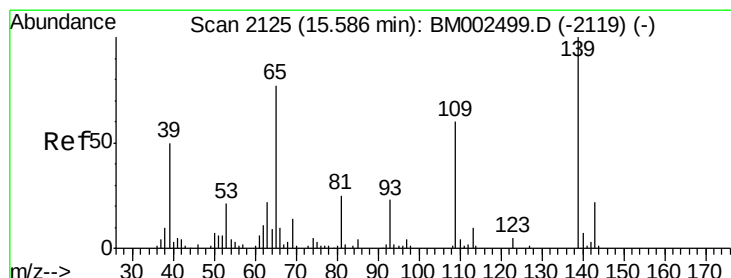
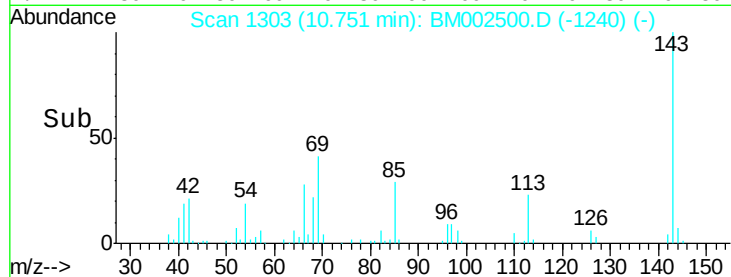
Abundance Ion 82.00 (81.70 to 82.70): BM002500.D (-1240) (-)

Ion 95.00 (94.70 to 95.70): BM002500.D (-1240) (-)

Ion 138.00 (137.70 to 138.70): BM002500.D (-1240) (-)



Time-->



#53

4-Nitrophenol

Concen: 0.08 ng/ul

RT: 15.41 min Scan# 2095

Delta R.T. -0.18 min

Lab File: BM002500.D

Acq: 19 Aug 2015 20:41

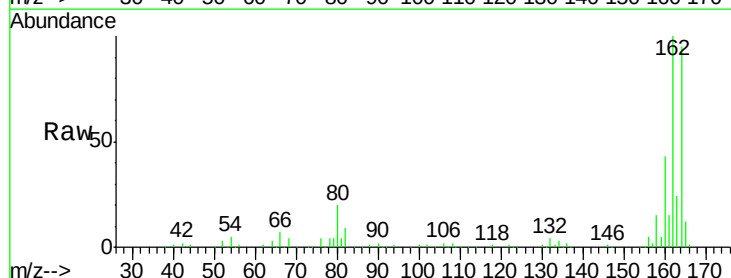
Tgt Ion: 109 Resp: 253

Ion Ratio Lower Upper

109 100

139 0.0 118.7 178.1#

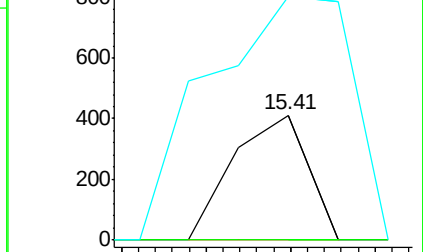
65 195.1 116.6 174.8#



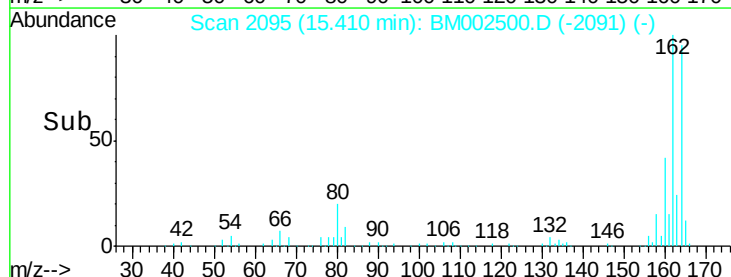
Abundance Ion 109.00 (108.70 to 109.70): BM002500.D (-2091) (-)

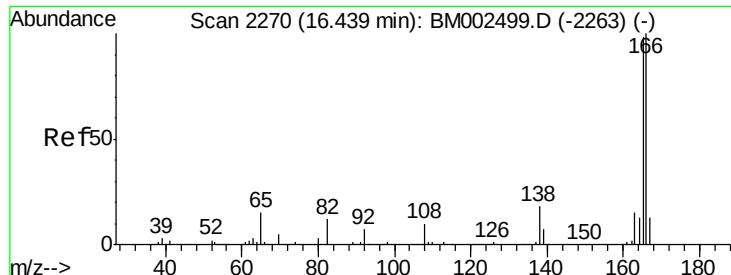
Ion 139.00 (138.70 to 139.70): BM002500.D (-2091) (-)

Ion 65.00 (64.70 to 65.70): BM002500.D (-2091) (-)



Time-->





#59

Fluorene

Concen: 0.06 ng/ul

RT: 16.38 min Scan# 2260

Delta R.T. -0.06 min

Lab File: BM002500.D

Acq: 19 Aug 2015 20:41

Instrument :

BNA_M

ClientSampleId :

MDL-BLK-S

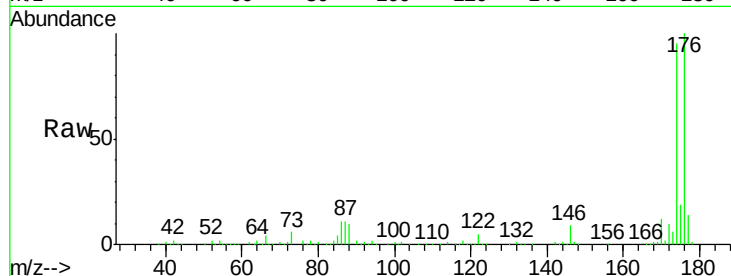
Tgt Ion:166 Resp: 1275

Ion Ratio Lower Upper

166 100

165 0.0 77.5 116.3#

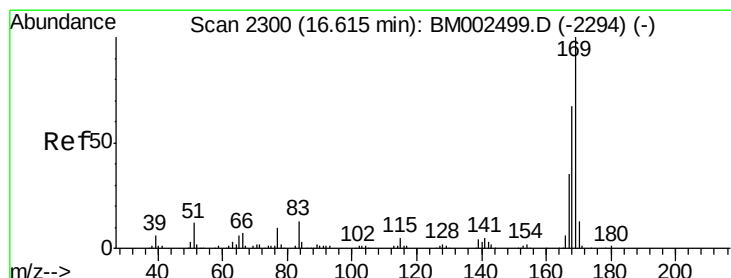
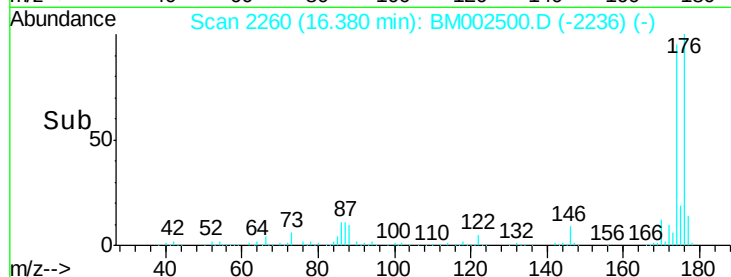
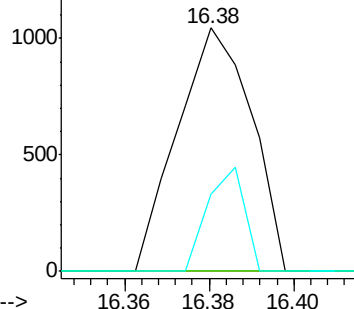
167 31.8 10.4 15.6#



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#65

N-Nitrosodiphenylamine

Concen: 0.04 ng/ul

RT: 16.50 min Scan# 2280

Delta R.T. -0.12 min

Lab File: BM002500.D

Acq: 19 Aug 2015 20:41

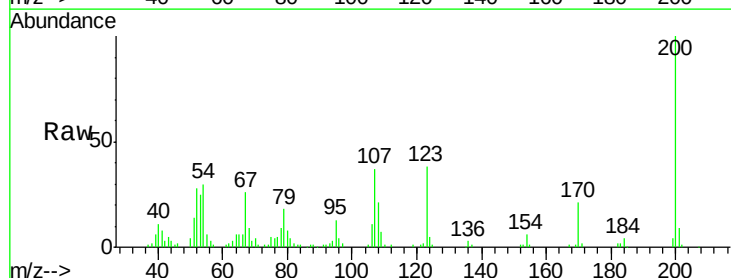
Tgt Ion:169 Resp: 838

Ion Ratio Lower Upper

169 100

168 0.0 53.4 80.2#

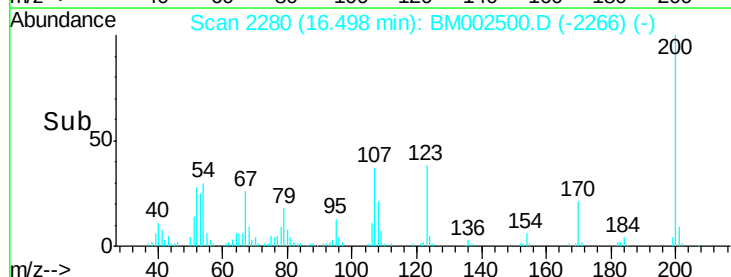
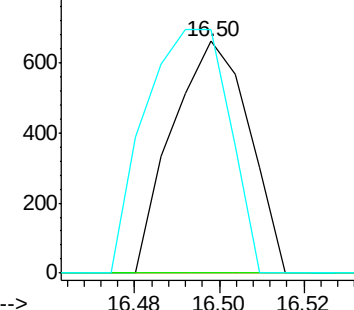
167 104.8 28.8 43.2#

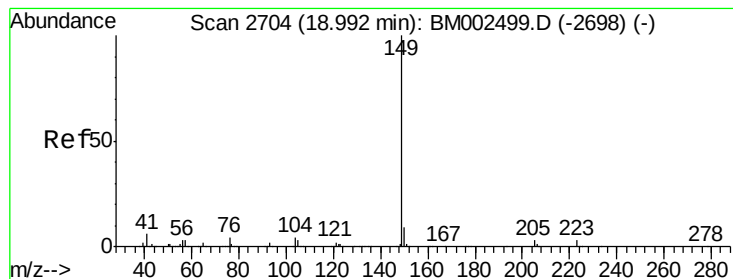


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





#76

Di-n-butylphthalate

Concen: 0.01 ng/ul

RT: 18.99 min Scan# 2703

Delta R.T. -0.01 min

Lab File: BM002500.D

Acq: 19 Aug 2015 20:41

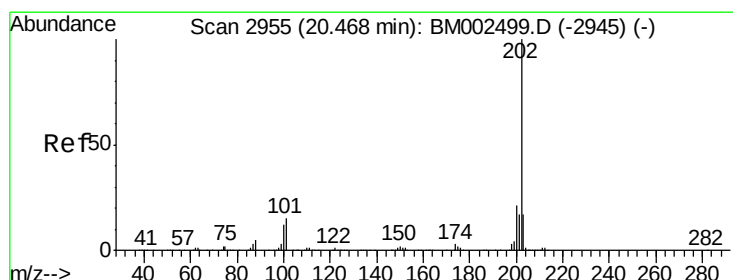
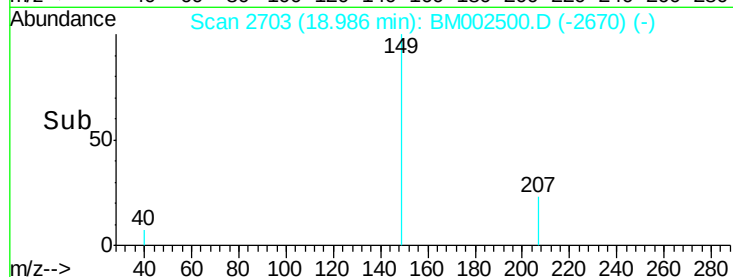
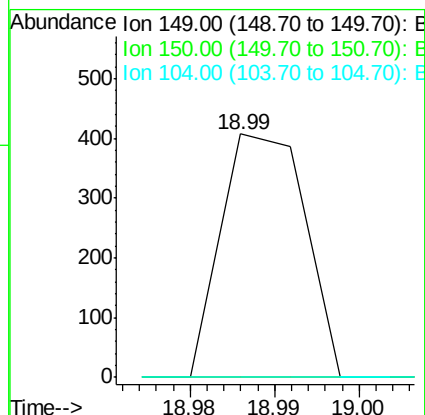
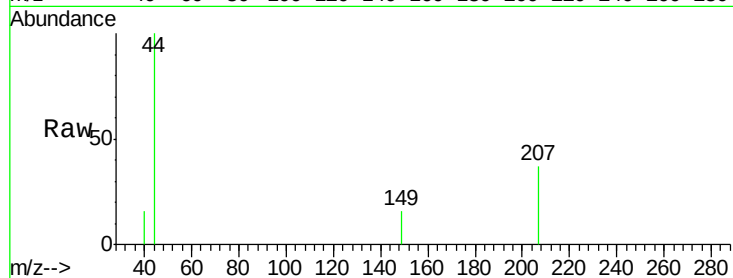
Instrument :

BNA_M

ClientSampled :

MDL-BLK-S

Tgt Ion:	149	Resp:	280
Ion	Ratio	Lower	Upper
149	100		
150	0.0	7.3	10.9#
104	0.0	3.8	5.6#



#80

Pyrene

Concen: 0.04 ng/ul

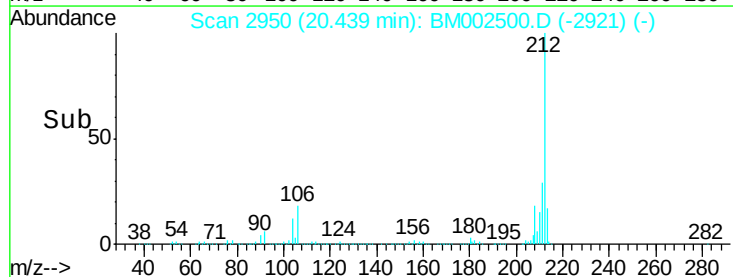
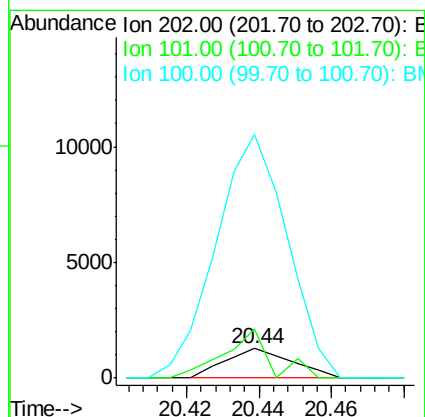
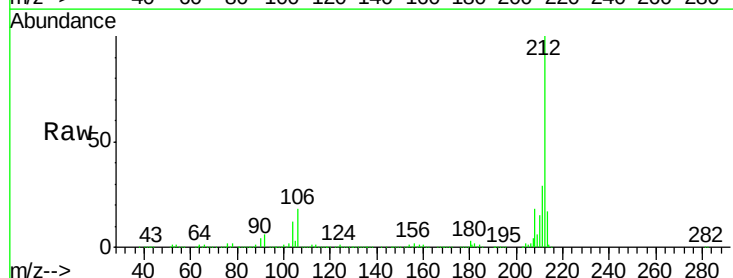
RT: 20.44 min Scan# 2950

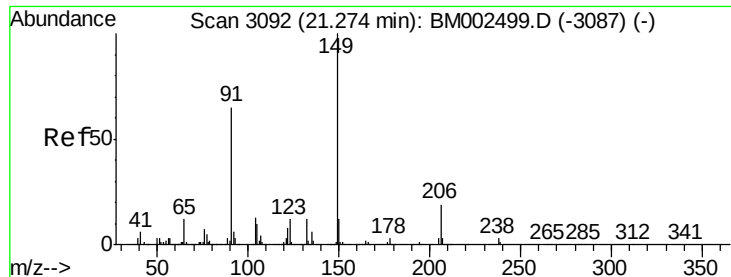
Delta R.T. -0.03 min

Lab File: BM002500.D

Acq: 19 Aug 2015 20:41

Tgt Ion:	202	Resp:	1637
Ion	Ratio	Lower	Upper
202	100		
101	166.2	13.0	19.6#
100	820.2	11.0	16.4#

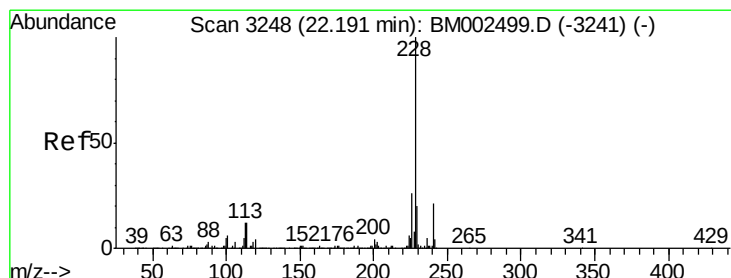
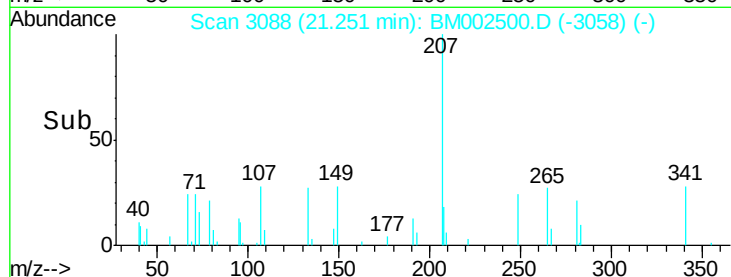
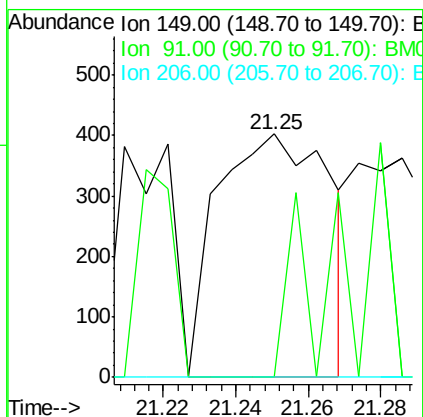
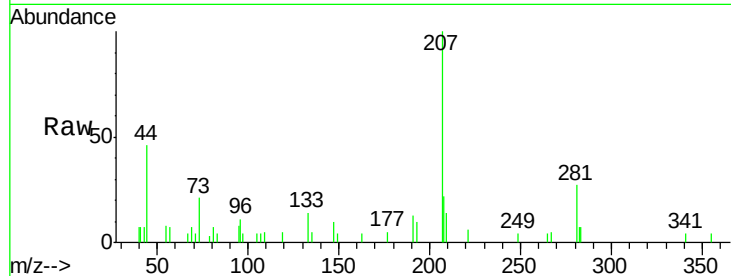




#81
Butylbenzylphthalate
Concen: 0.04 ng/ul
RT: 21.25 min Scan# 3088
Delta R.T. -0.02 min
Lab File: BM002500.D
Acq: 19 Aug 2015 20:41

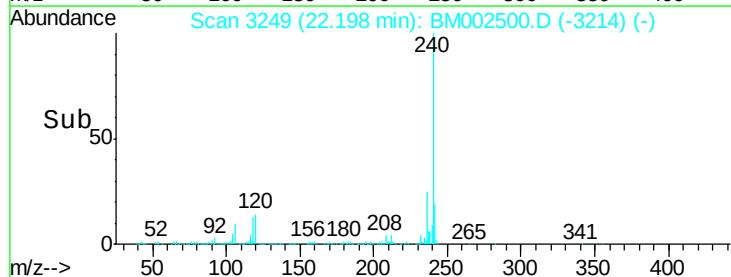
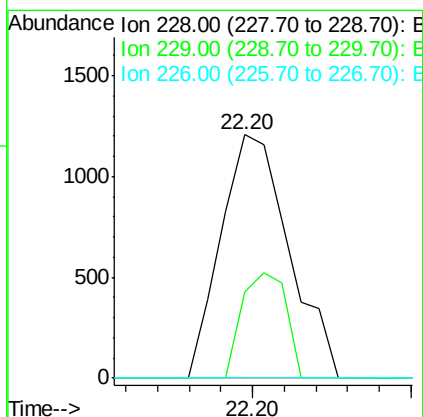
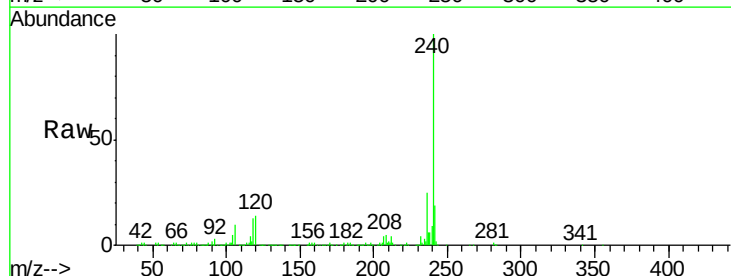
Instrument :
BNA_M
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MDL-BLK-S

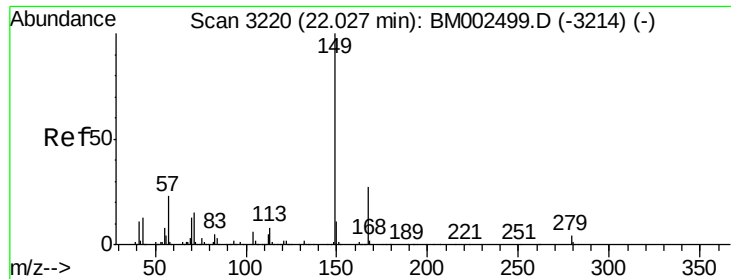
Tgt Ion:149 Resp: 867
Ion Ratio Lower Upper
149 100
91 0.0 57.5 86.3#
206 0.0 15.2 22.8#



#83
Benzo(a)anthracene
Concen: 0.04 ng/ul
RT: 22.20 min Scan# 3249
Delta R.T. 0.01 min
Lab File: BM002500.D
Acq: 19 Aug 2015 20:41

Tgt Ion:228 Resp: 1795
Ion Ratio Lower Upper
228 100
229 35.4 15.7 23.5#
226 0.0 21.4 32.0#

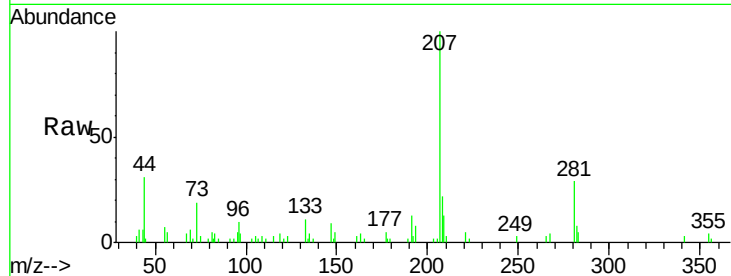




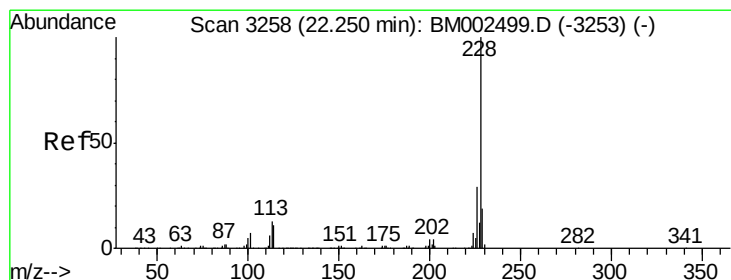
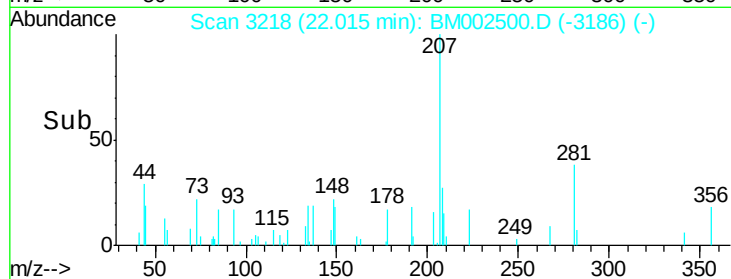
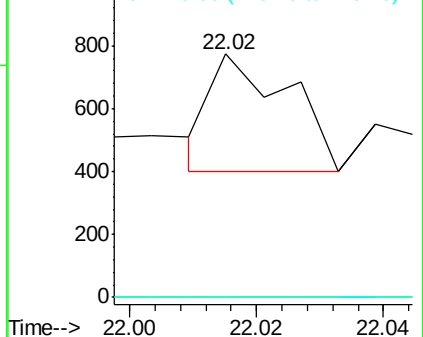
#84
 Bis(2-ethylhexyl)phthalate
 Concen: 0.01 ng/ul
 RT: 22.02 min Scan# 3218
 Delta R.T. -0.01 min
 Lab File: BM002500.D
 Acq: 19 Aug 2015 20:41

Instrument :
 BNA_M
 ClientSampleId :
 MDL-BLK-S

Tgt Ion:149 Resp: 315
 Ion Ratio Lower Upper
 149 100
 167 0.0 21.4 32.2#
 279 0.0 3.2 4.8#

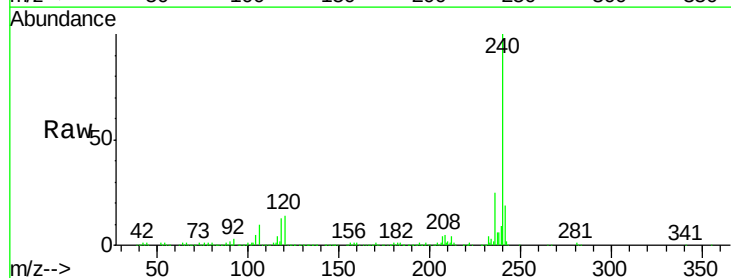


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

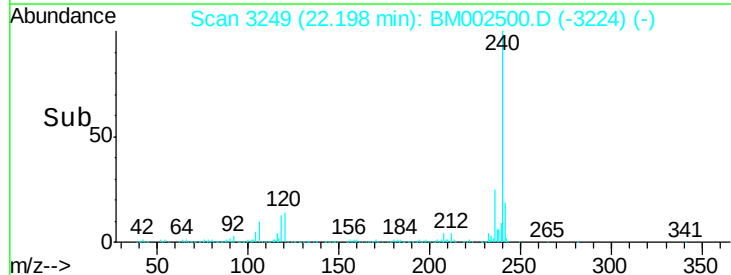
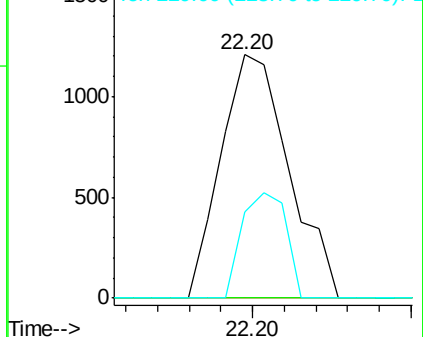


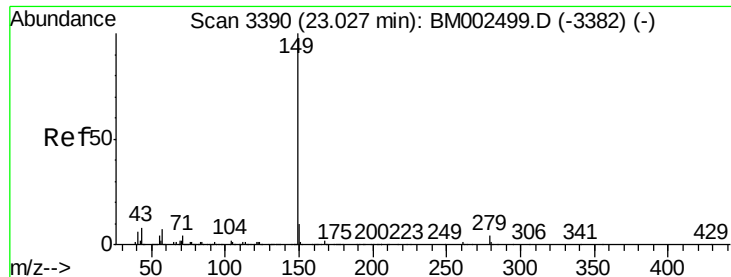
#85
 Chrysene
 Concen: 0.05 ng/ul
 RT: 22.20 min Scan# 3249
 Delta R.T. -0.05 min
 Lab File: BM002500.D
 Acq: 19 Aug 2015 20:41

Tgt Ion:228 Resp: 1795
 Ion Ratio Lower Upper
 228 100
 226 0.0 23.4 35.0#
 229 35.4 15.5 23.3#



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

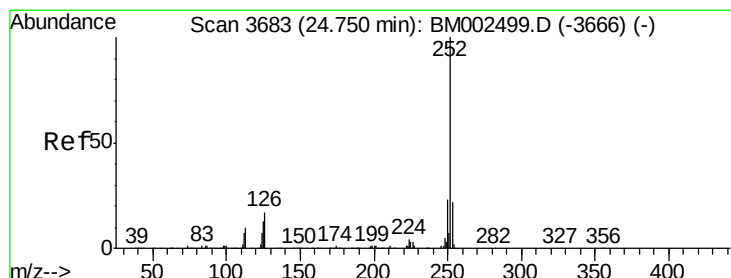
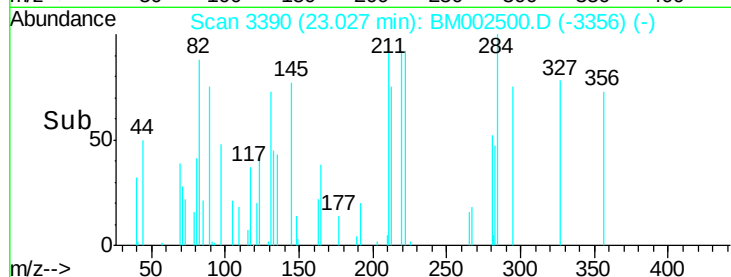
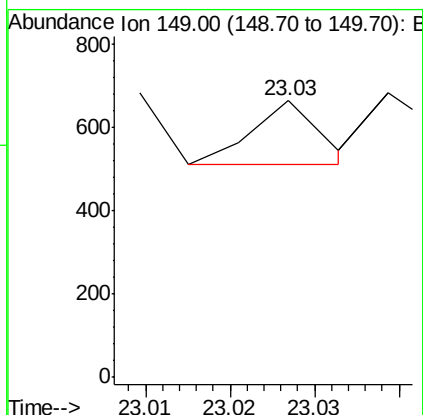
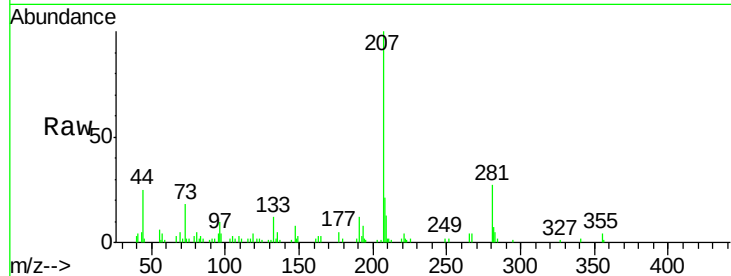




#87
Di-n-octyl phthalate
Concen: 0.00 ng/ul
RT: 23.03 min Scan# 3390
Delta R.T. 0.00 min
Lab File: BM002500.D
Acq: 19 Aug 2015 20:41

Instrument :
BNA_M
ClientSampleId :
MDL-BLK-S

Tgt Ion:149 Resp: 85



#91
Benzo(a)pyrene
Concen: 0.11 ng/ul
RT: 24.68 min Scan# 3671
Delta R.T. -0.07 min
Lab File: BM002500.D
Acq: 19 Aug 2015 20:41

Tgt Ion:252 Resp: 4731
Ion Ratio Lower Upper
252 100
253 39.2 17.3 25.9#
125 26.5 11.0 16.6#

