

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM072715\
 Data File : BM002075.D
 Acq On : 28 Jul 2015 00:42
 Operator : UM/HP
 Sample : MDL-03-W
 Misc : MDL-WATER-SVOC-4PPM
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 MDL-03-W

Quant Time: Jul 28 05:24:50 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM072715.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jul 28 05:22:14 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	77388	20.00	ng/ul	0.00
18) Naphthalene-d8	10.39	136	294105	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.26	164	173132	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.01	188	390748	20.00	ng/ul	0.00
78) Chrysene-d12	21.20	240	460189	20.00	ng/ul	0.00
86) Perylene-d12	23.40	264	463602	20.00	ng/ul	0.00

System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.07	96	9109	6.09	ng/uL	0.00
5) Phenol-d5	6.77	99	167685	30.31	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.93	67	94984	31.05	ng/ul	0.00
9) 2-Chlorophenol-d4	7.13	132	146035	31.14	ng/ul	0.00
13) 4-Methylphenol-d8	8.30	113	135722	30.86	ng/ul	0.00
19) Nitrobenzene-d5	8.76	128	67700	32.38	ng/ul	0.00
22) 2-Nitrophenol-d4	9.47	143	76498	32.93	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.01	165	139917	31.27	ng/ul	0.00
29) 4-Chloroaniline-d4	10.53	131	181051	36.83	ng/ul	0.00
44) Dimethylphthalate-d6	13.67	166	423380	33.39	ng/ul	0.00
47) Acenaphthylene-d8	13.95	160	507522	32.01	ng/ul	0.00
52) 4-Nitrophenol-d4	14.47	143	63702	30.09	ng/ul	0.00
58) Fluorene-d10	15.26	176	361455	32.39	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.39	200	57302	23.97	ng/ul	0.00
71) Anthracene-d10	17.10	188	583336	33.44	ng/ul	0.00
79) Pyrene-d10	19.41	212	649466	33.52	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.27	264	756062	33.64	ng/ul	0.00

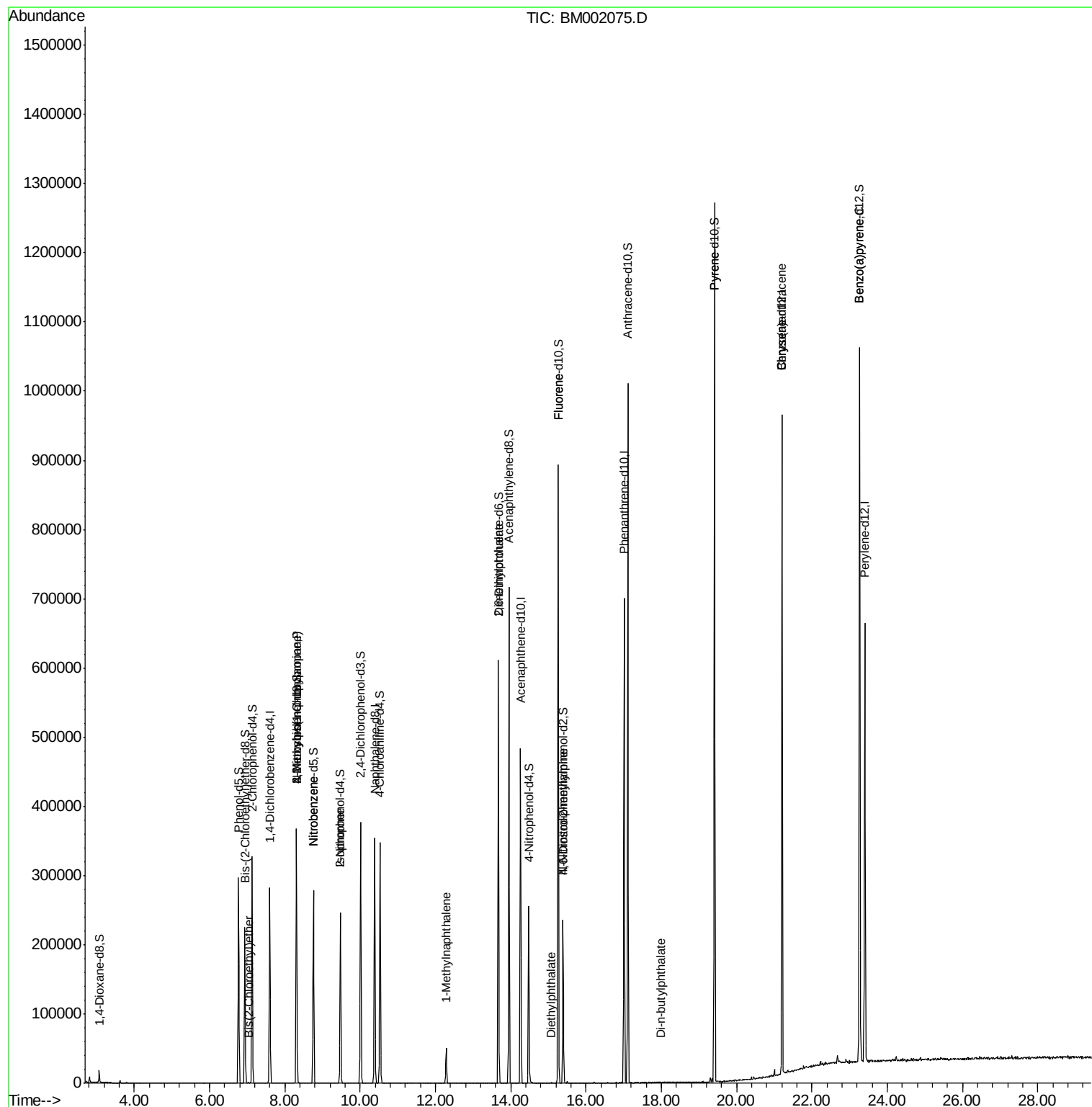
Target Compounds				Qvalue		
8) Bis(2-Chloroethyl)ether	7.03	93	292	0.07	ng/ul#	80
12) 2,2'-oxybis(1-Chloropropan	8.30	45	508	0.12	ng/ul#	56
15) N-Nitroso-di-n-propylamine	8.31	70	3041	0.90	ng/ul#	1
20) Nitrobenzene	8.76	77	262	0.05	ng/ul#	37
21) Isophorone	9.47	82	6119	0.70	ng/ul#	69
35) 1-Methylnaphthalene	12.28	142	26971	2.76	ng/ul	100
46) 2,6-Dinitrotoluene	13.68	165	2984	1.16	ng/ul#	43
57) Diethylphthalate	15.08	149	107	0.01	ng/ul#	58
59) Fluorene	15.26	166	659	0.05	ng/ul#	10
65) N-Nitrosodiphenylamine	15.39	169	243	0.02	ng/ul#	3
76) Di-n-butylphthalate	17.98	149	267	0.01	ng/ul#	79
80) Pyrene	19.41	202	677	0.03	ng/ul#	1
83) Benzo(a)anthracene	21.20	228	1062	0.04	ng/ul#	53
85) Chrysene	21.20	228	1062	0.04	ng/ul#	51
91) Benzo(a)pyrene	23.27	252	2072	0.08	ng/ul#	79

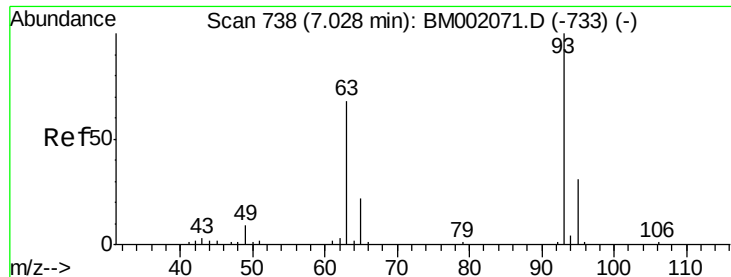
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Jul 28 05:22:14 2015
Response via : Initial Calibration





#8

Bis(2-Chloroethyl)ether

Concen: 0.07 ng/ul

RT: 7.03 min Scan# 739

Delta R.T. 0.01 min

Lab File: BM002075.D

Acq: 28 Jul 2015 00:42

Instrument :

BNA_M

ClientSampleId :

MDL-03-W

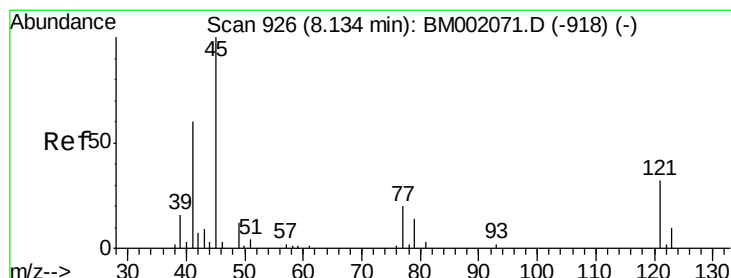
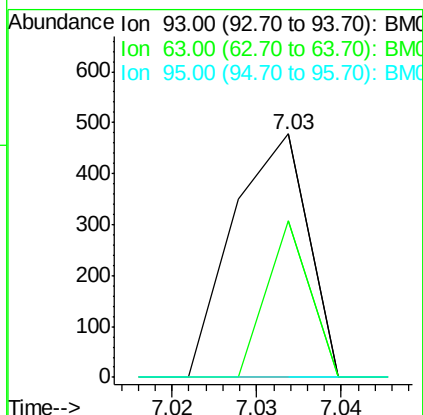
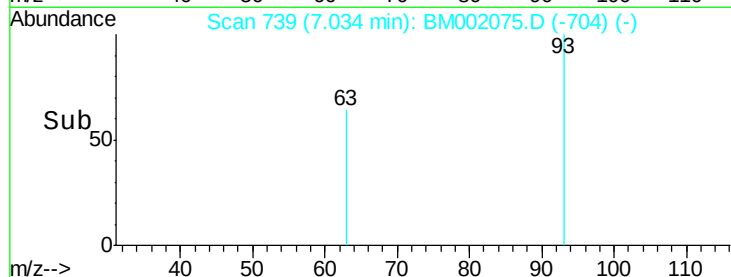
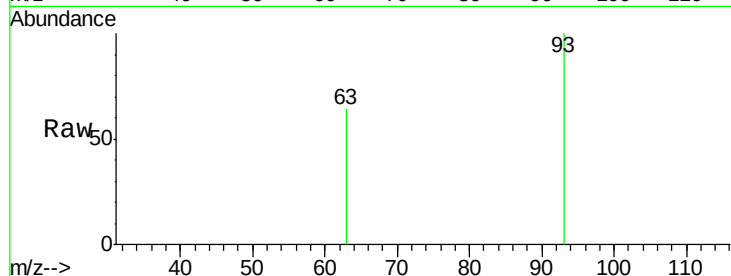
Tgt Ion: 93 Resp: 292

Ion Ratio Lower Upper

93 100

63 64.2 51.5 77.3

95 0.0 27.0 40.4#



#12

2,2'-oxybis(1-Chloropropane)

Concen: 0.12 ng/ul

RT: 8.30 min Scan# 955

Delta R.T. 0.17 min

Lab File: BM002075.D

Acq: 28 Jul 2015 00:42

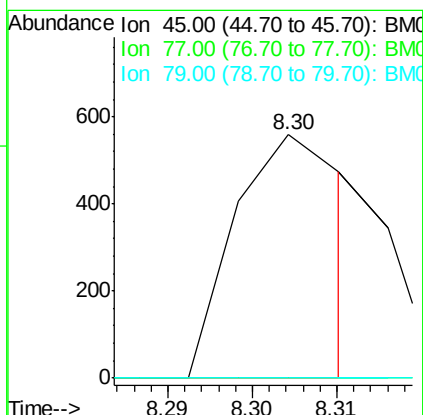
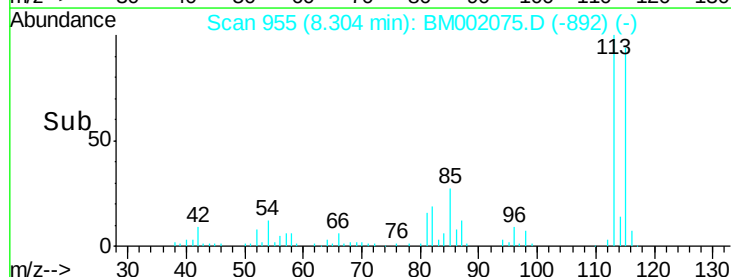
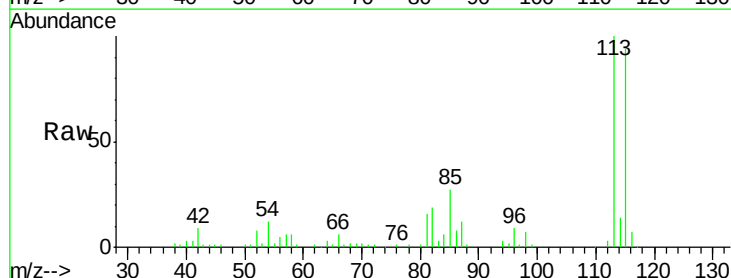
Tgt Ion: 45 Resp: 508

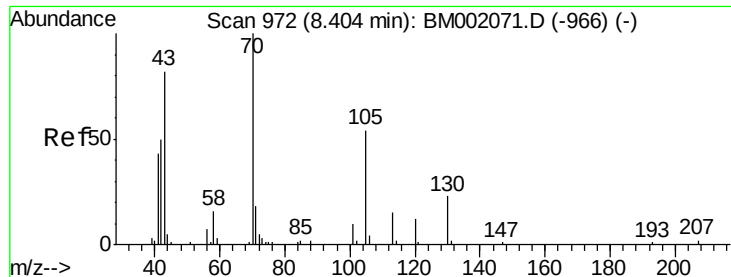
Ion Ratio Lower Upper

45 100

77 0.0 18.0 27.0#

79 0.0 13.9 20.9#





#15

N-Nitroso-di-n-propylamine

Concen: 0.90 ng/ul

RT: 8.31 min Scan# 956

Delta R.T. -0.09 min

Lab File: BM002075.D

Acq: 28 Jul 2015 00:42

Instrument :

BNA_M

ClientSampleId :

MDL-03-W

Tgt Ion: 70 Resp: 3041

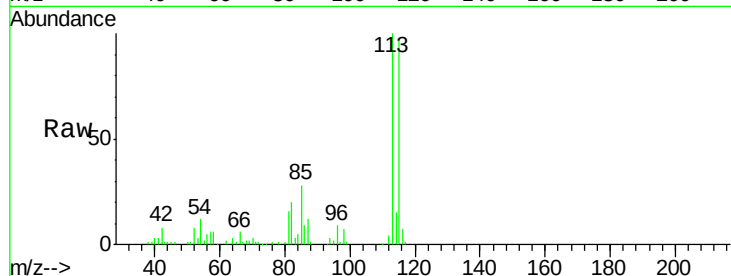
Ion Ratio Lower Upper

70 100

42 322.5 39.2 58.8#

101 0.0 8.6 12.8#

130 0.0 20.2 30.4#



Abundance Ion 70.00 (69.70 to 70.70): BM002071.D (-966) (-)

Ion 42.00 (41.70 to 42.70): BM002071.D (-966) (-)

Ion 101.00 (100.70 to 101.70): BM002071.D (-966) (-)

Ion 130.00 (129.70 to 130.70): BM002071.D (-966) (-)

Time-->

8.28 8.30 8.32 8.34

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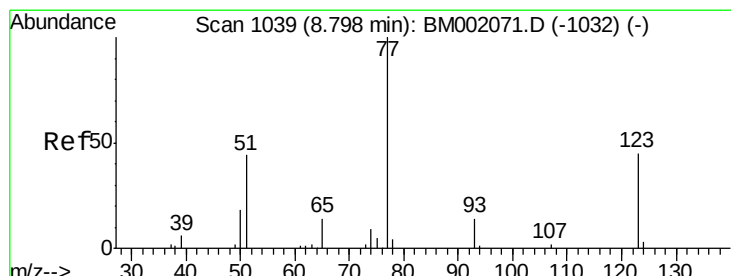
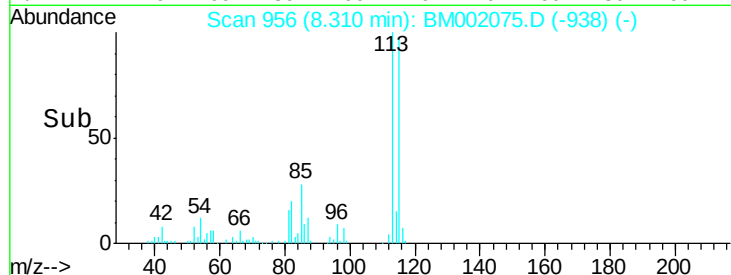
8.31

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#20

Nitrobenzene

Concen: 0.05 ng/ul

RT: 8.76 min Scan# 1032

Delta R.T. -0.04 min

Lab File: BM002075.D

Acq: 28 Jul 2015 00:42

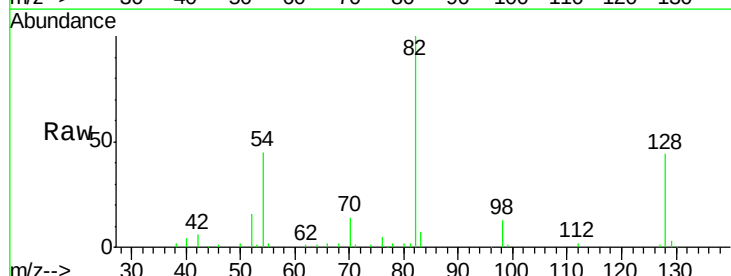
Tgt Ion: 77 Resp: 262

Ion Ratio Lower Upper

77 100

123 0.0 39.0 58.4#

65 0.0 10.4 15.6#



Abundance Ion 77.00 (76.70 to 77.70): BM002071.D (-1032) (-)

Ion 123.00 (122.70 to 123.70): BM002071.D (-1032) (-)

Ion 65.00 (64.70 to 65.70): BM002071.D (-1032) (-)

Time-->

8.75 8.76 8.77

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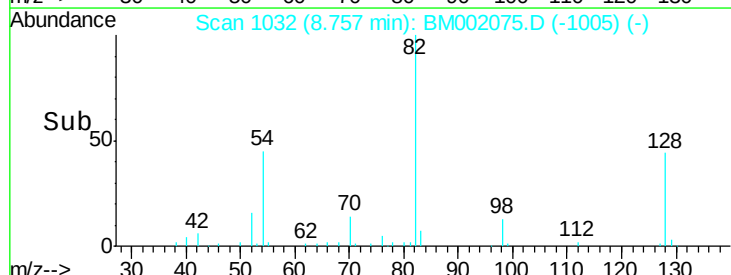
8.76

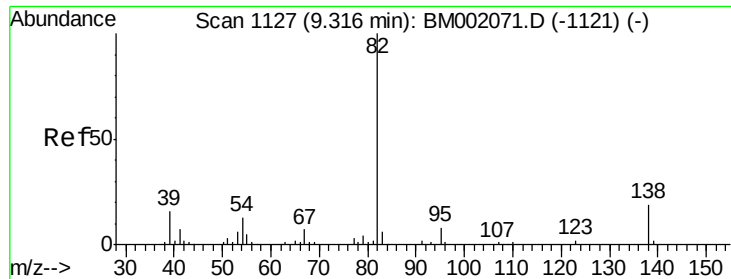
8.76

8.76

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8.76





#21

Isophorone

Concen: 0.70 ng/ul

RT: 9.47 min Scan# 1154

Delta R.T. 0.16 min

Lab File: BM002075.D

Acq: 28 Jul 2015 00:42

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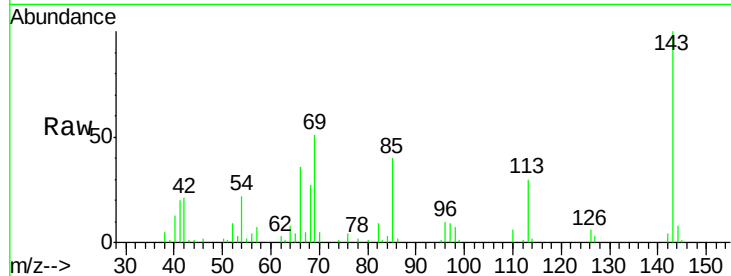
Tgt Ion: 82 Resp: 6119

Ion Ratio Lower Upper

82 100

95 9.3 6.5 9.7

138 0.0 15.4 23.2#

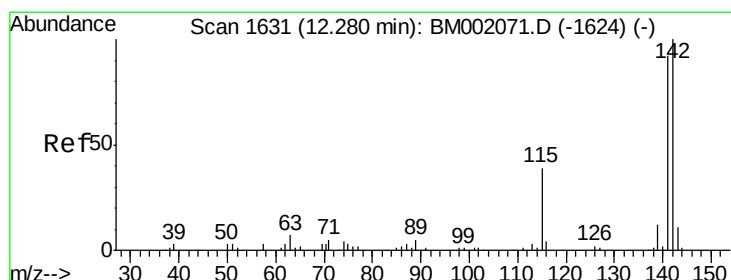
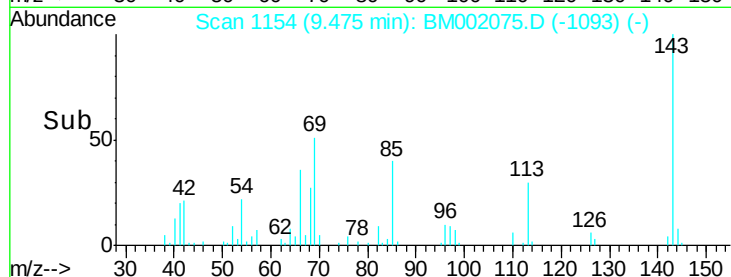


Abundance Ion 82.00 (81.70 to 82.70): BM002071.D (-1121) (-)

Ion 95.00 (94.70 to 95.70): BM002071.D (-1121) (-)

Ion 138.00 (137.70 to 138.70): BM002071.D (-1121) (-)

Time-->



#35

1-Methylnaphthalene

Concen: 2.76 ng/ul

RT: 12.28 min Scan# 1631

Delta R.T. 0.00 min

Lab File: BM002075.D

Acq: 28 Jul 2015 00:42

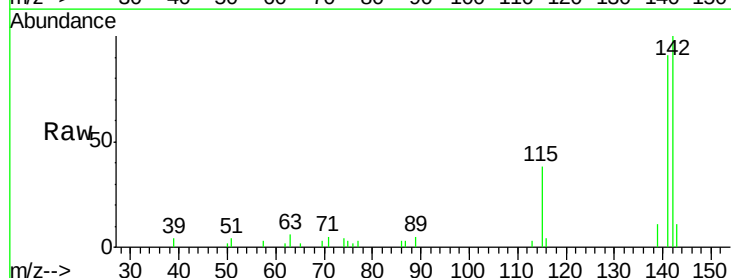
Tgt Ion: 142 Resp: 26971

Ion Ratio Lower Upper

142 100

141 90.6 72.4 108.6

116 4.5 3.2 4.8

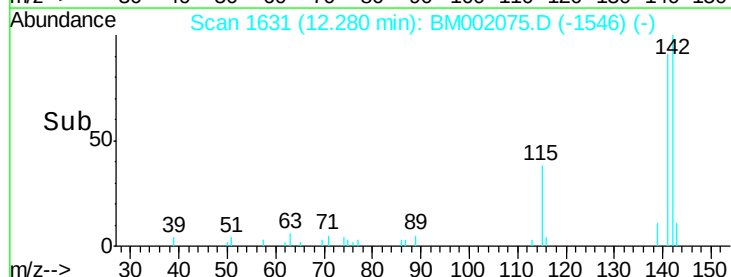


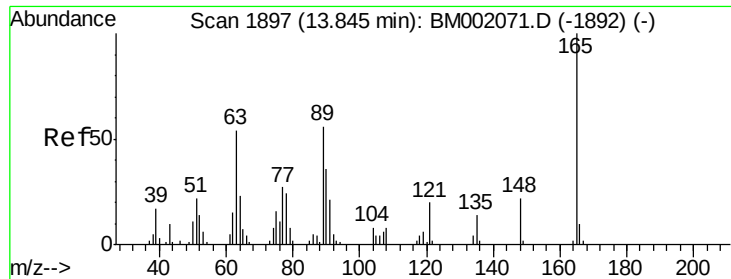
Abundance Ion 142.00 (141.70 to 142.70): BM002071.D (-1624) (-)

Ion 141.00 (140.70 to 141.70): BM002071.D (-1624) (-)

Ion 116.00 (115.70 to 116.70): BM002071.D (-1624) (-)

Time-->

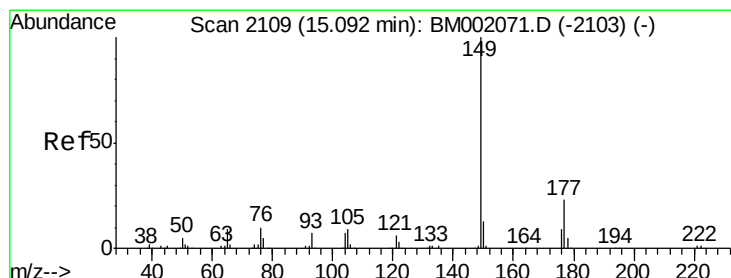
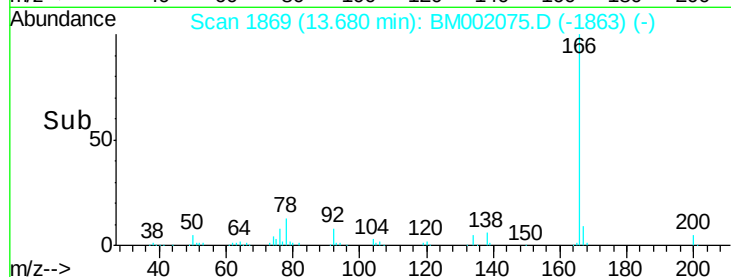
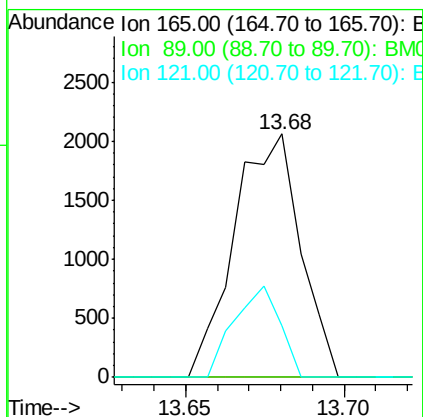
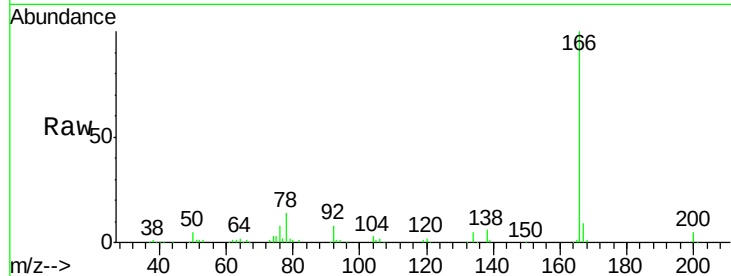




#46
 2,6-Dinitrotoluene
 Concen: 1.16 ng/ul
 RT: 13.68 min Scan# 1869
 Delta R.T. -0.16 min
 Lab File: BM002075.D
 Acq: 28 Jul 2015 00:42

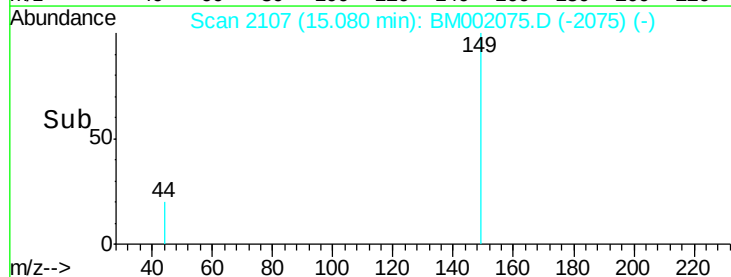
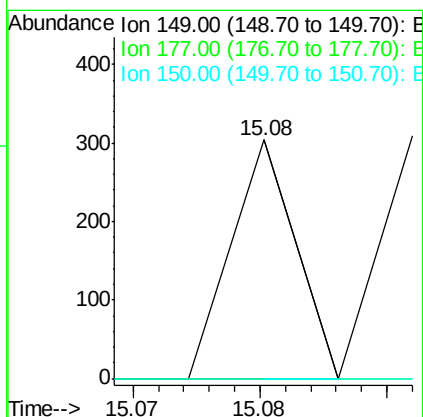
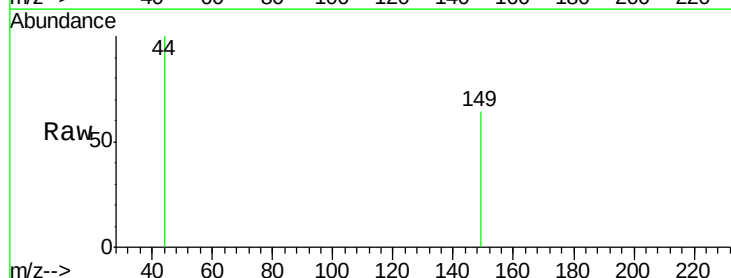
Instrument :
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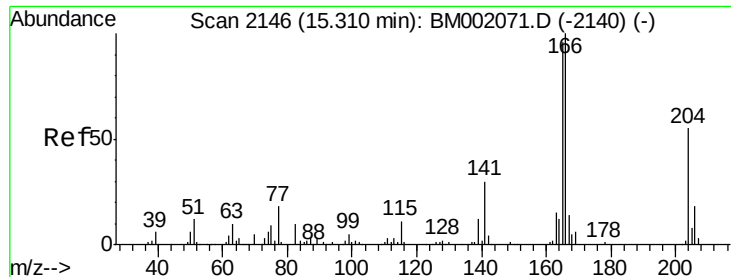
Tgt Ion:165 Resp: 2984
 Ion Ratio Lower Upper
 165 100
 89 0.0 42.7 64.1#
 121 21.4 14.8 22.2



#57
 Diethylphthalate
 Concen: 0.01 ng/ul
 RT: 15.08 min Scan# 2107
 Delta R.T. -0.01 min
 Lab File: BM002075.D
 Acq: 28 Jul 2015 00:42

Tgt Ion:149 Resp: 107
 Ion Ratio Lower Upper
 149 100
 177 0.0 18.4 27.6#
 150 0.0 10.1 15.1#





#59

Fluorene

Concen: 0.05 ng/ul

RT: 15.26 min Scan# 2137

Delta R.T. -0.05 min

Lab File: BM002075.D

Acq: 28 Jul 2015 00:42

Instrument :

BNA_M

ClientSampleId :

MDL-03-W

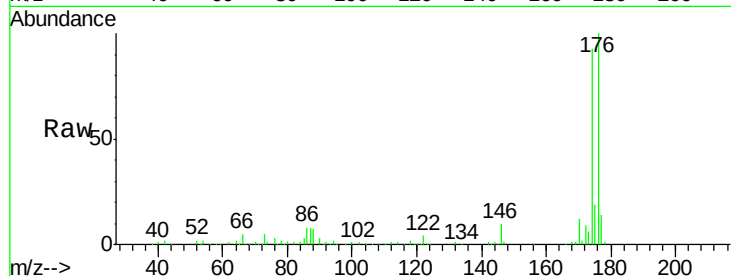
Tgt Ion:166 Resp: 659

Ion Ratio Lower Upper

166 100

165 0.0 75.6 113.4#

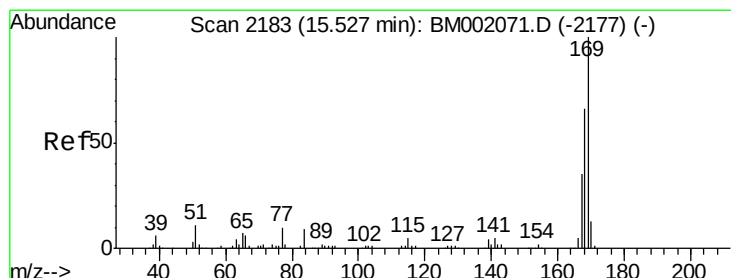
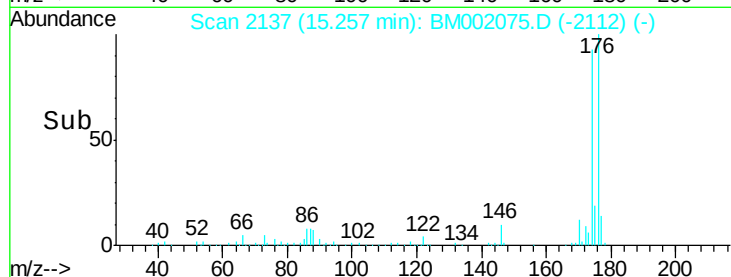
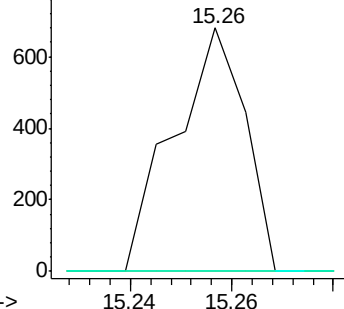
167 0.0 10.5 15.7#



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: 0.02 ng/ul

RT: 15.39 min Scan# 2160

Delta R.T. -0.14 min

Lab File: BM002075.D

Acq: 28 Jul 2015 00:42

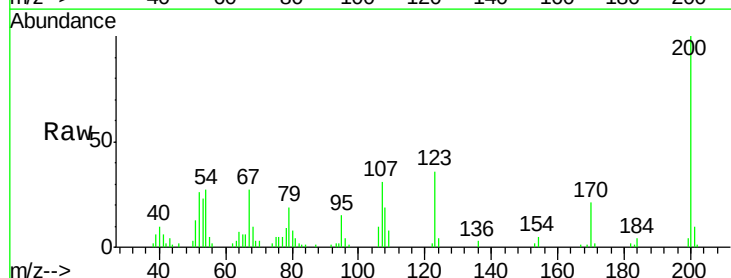
Tgt Ion:169 Resp: 243

Ion Ratio Lower Upper

169 100

168 0.0 52.6 79.0#

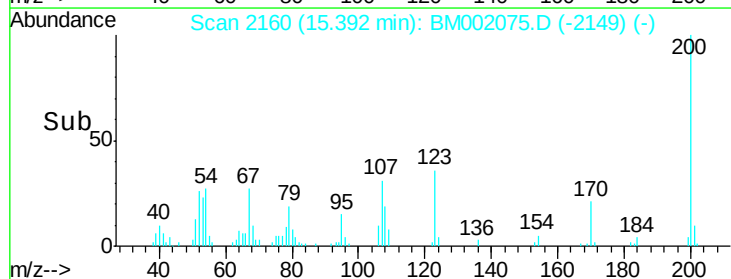
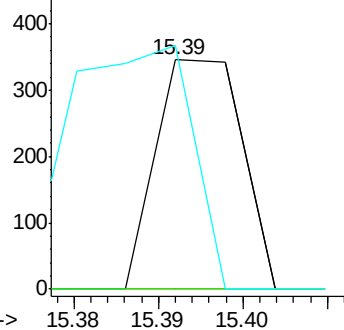
167 106.1 27.8 41.6#

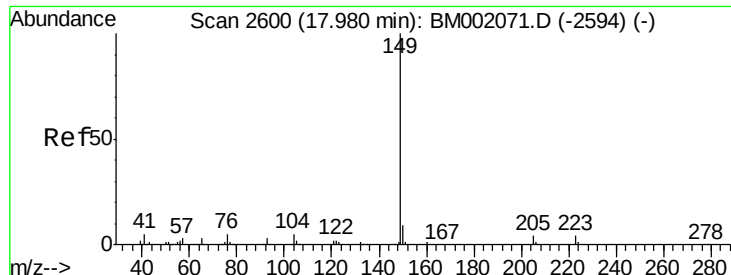


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

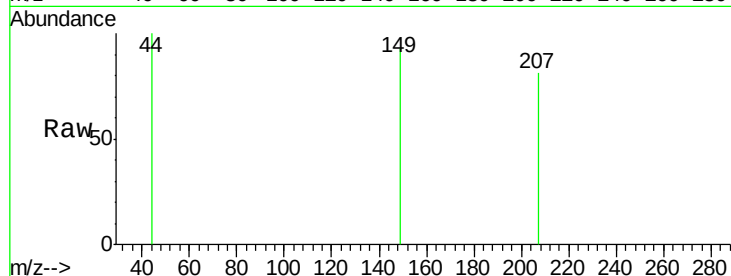




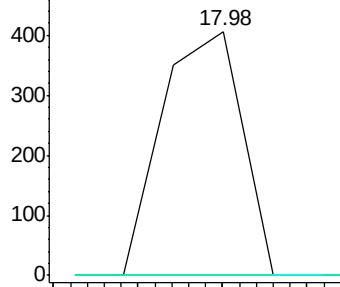
#76
Di-n-butylphthalate
Concen: 0.01 ng/ul
RT: 17.98 min Scan# 2600
Delta R.T. 0.00 min
Lab File: BM002075.D
Acq: 28 Jul 2015 00:42

Instrument :
BNA_M
ClientSampleId :
MDL-03-W

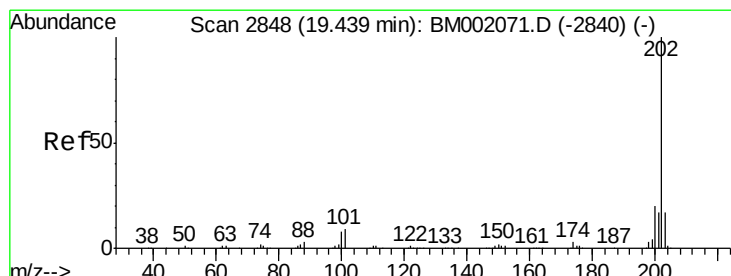
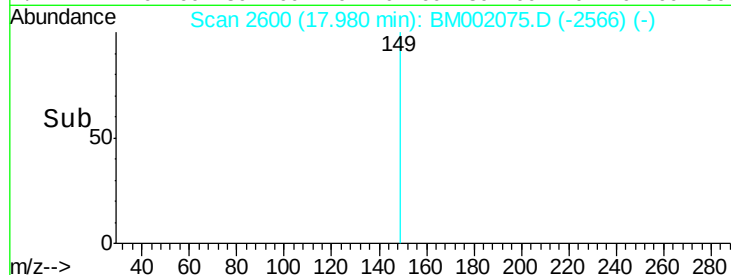
Tgt Ion:149 Resp: 267
Ion Ratio Lower Upper
149 100
150 0.0 7.0 10.4#
104 0.0 4.2 6.2#



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E

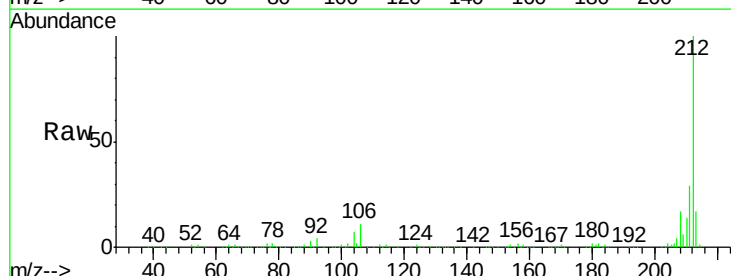


Time--> 17.96 17.97 17.98 17.99

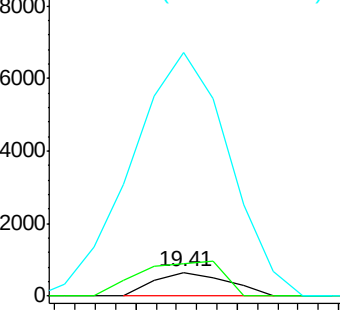


#80
Pyrene
Concen: 0.03 ng/ul
RT: 19.41 min Scan# 2843
Delta R.T. -0.03 min
Lab File: BM002075.D
Acq: 28 Jul 2015 00:42

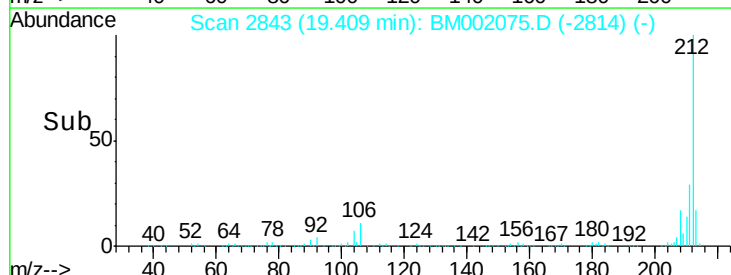
Tgt Ion:202 Resp: 677
Ion Ratio Lower Upper
202 100
101 138.2 7.4 11.2#
100 1029.8 6.3 9.5#

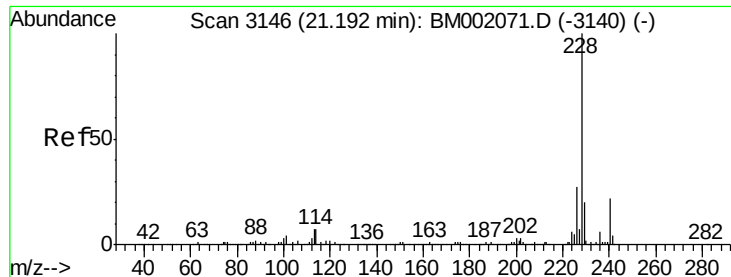


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B



Time--> 19.40 19.41 19.42





#83

Benzo(a)anthracene

Concen: 0.04 ng/ul

RT: 21.20 min Scan# 3148

Delta R.T. 0.01 min

Lab File: BM002075.D

Acq: 28 Jul 2015 00:42

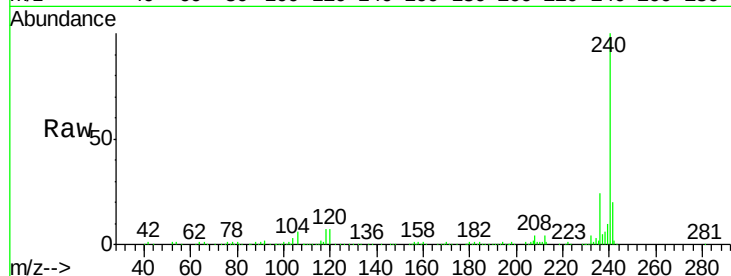
Instrument :

BNA_M

ClientSampled :

MDL-03-W

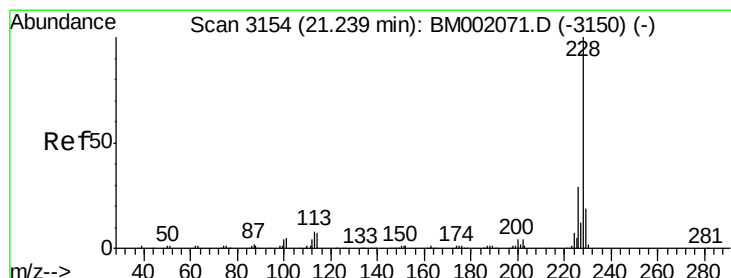
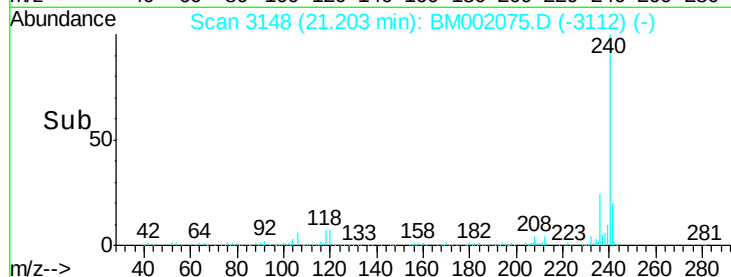
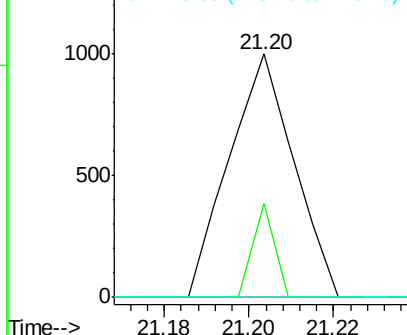
Tgt Ion:	228	Resp:	1062
Ion	Ratio	Lower	Upper
228	100		
229	38.5	15.4	23.2#
226	0.0	20.5	30.7#



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E



#85

Chrysene

Concen: 0.04 ng/ul

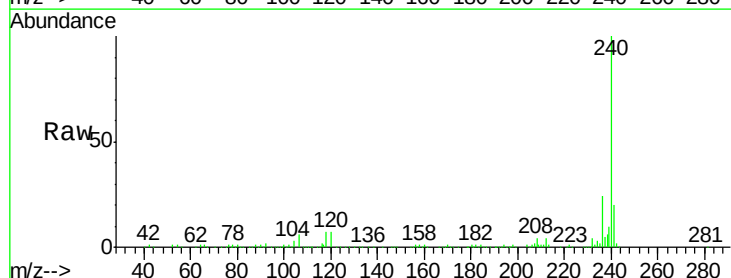
RT: 21.20 min Scan# 3148

Delta R.T. -0.04 min

Lab File: BM002075.D

Acq: 28 Jul 2015 00:42

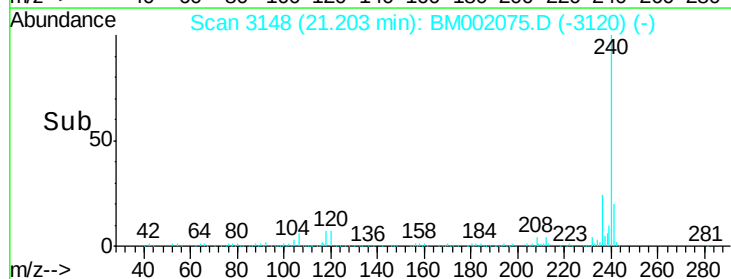
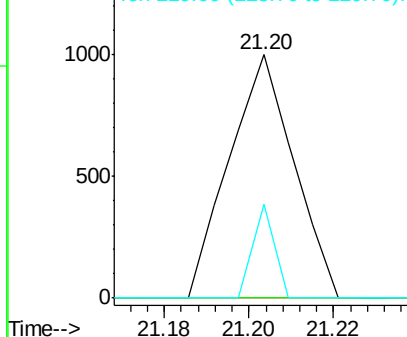
Tgt Ion:	228	Resp:	1062
Ion	Ratio	Lower	Upper
228	100		
226	0.0	22.3	33.5#
229	38.5	15.5	23.3#

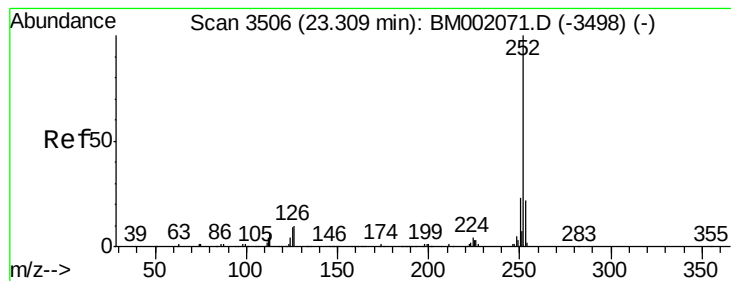


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#91

Benzo(a)pyrene

Concen: 0.08 ng/ul

RT: 23.27 min Scan# 3499

Delta R.T. -0.04 min

Lab File: BM002075.D

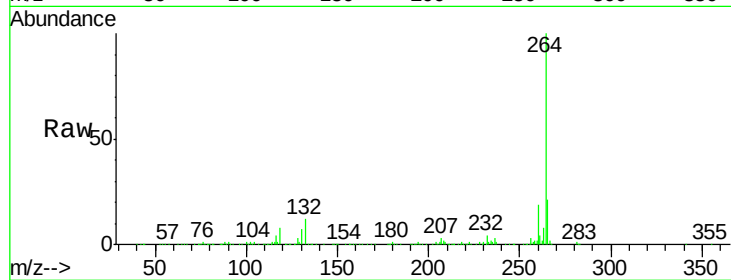
Acq: 28 Jul 2015 00:42

Instrument :

BNA_M

ClientSampleId :

MDL-03-W



Tgt Ion:	252	Resp:	2072
Ion	Ratio	Lower	Upper
252	100		
253	31.3	17.2	25.8#
125	0.0	6.6	10.0#

