

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM072715\
 Data File : BM002079.D
 Acq On : 28 Jul 2015 03:08
 Operator : UM/HP
 Sample : MDL-07-W
 Misc : MDL-WATER-SVOC-4PPM
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 MDL-07-W

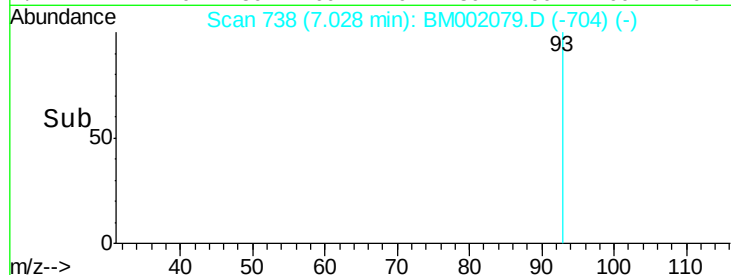
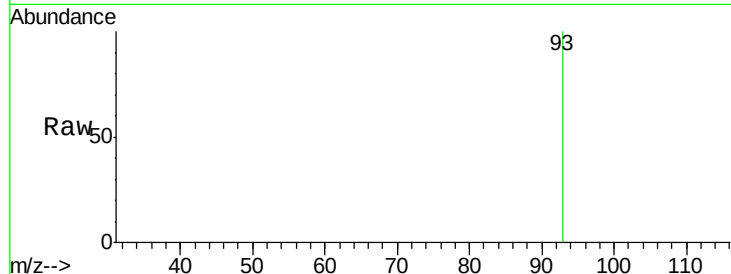
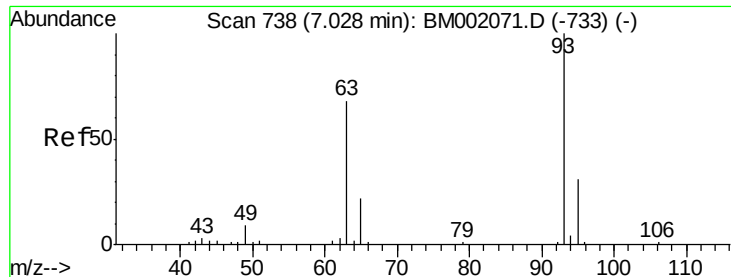
Quant Time: Jul 28 05:25:45 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM072715.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jul 28 05:22:14 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	70023	20.00	ng/ul	0.00
18) Naphthalene-d8	10.39	136	265371	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.26	164	154949	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.01	188	352943	20.00	ng/ul	0.00
78) Chrysene-d12	21.20	240	417073	20.00	ng/ul	0.00
86) Perylene-d12	23.40	264	424795	20.00	ng/ul	0.00

System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.07	96	8377	6.19	ng/uL	0.00
5) Phenol-d5	6.77	99	152306	30.43	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.93	67	85508	30.89	ng/ul	0.00
9) 2-Chlorophenol-d4	7.13	132	132288	31.18	ng/ul	0.00
13) 4-Methylphenol-d8	8.30	113	123104	30.93	ng/ul	0.00
19) Nitrobenzene-d5	8.76	128	61044	32.36	ng/ul	0.00
22) 2-Nitrophenol-d4	9.47	143	68502	32.68	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.01	165	127106	31.49	ng/ul	0.00
29) 4-Chloroaniline-d4	10.53	131	166223	37.47	ng/ul	0.00
44) Dimethylphthalate-d6	13.67	166	385302	33.95	ng/ul	0.00
47) Acenaphthylene-d8	13.95	160	461087	32.49	ng/ul	0.00
52) 4-Nitrophenol-d4	14.47	143	56777	29.97	ng/ul	0.00
58) Fluorene-d10	15.26	176	334554	33.50	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.39	200	51942	24.06	ng/ul	0.00
71) Anthracene-d10	17.10	188	539161	34.22	ng/ul	0.00
79) Pyrene-d10	19.41	212	607971	34.63	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.27	264	711007	34.53	ng/ul	0.00

Target Compounds				Qvalue		
8) Bis(2-Chloroethyl)ether	7.03	93	319	0.08	ng/ul#	26
15) N-Nitroso-di-n-propylamine	8.30	70	3063	1.00	ng/ul#	1
20) Nitrobenzene	8.75	77	341	0.08	ng/ul#	37
21) Isophorone	9.47	82	5805	0.74	ng/ul#	69
35) 1-Methylnaphthalene	12.28	142	20486	2.32	ng/ul	99
46) 2,6-Dinitrotoluene	13.68	165	2575	1.12	ng/ul#	42
57) Diethylphthalate	15.09	149	499	0.04	ng/ul#	58
59) Fluorene	15.25	166	666	0.06	ng/ul#	10
80) Pyrene	19.42	202	500	0.02	ng/ul#	1
83) Benzo(a)anthracene	21.20	228	1036	0.04	ng/ul#	53
84) Bis(2-ethylhexyl)phthalate	21.12	149	342	0.03	ng/ul#	51
85) Chrysene	21.20	228	1036	0.05	ng/ul#	51
91) Benzo(a)pyrene	23.27	252	1980	0.09	ng/ul#	67

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



#8

Bis(2-Chloroethyl)ether

Concen: 0.08 ng/ul

RT: 7.03 min Scan# 738

Delta R.T. 0.00 min

Lab File: BM002079.D

Acq: 28 Jul 2015 03:08

Instrument :

BNA_M

ClientSampleId :

MDL-07-W

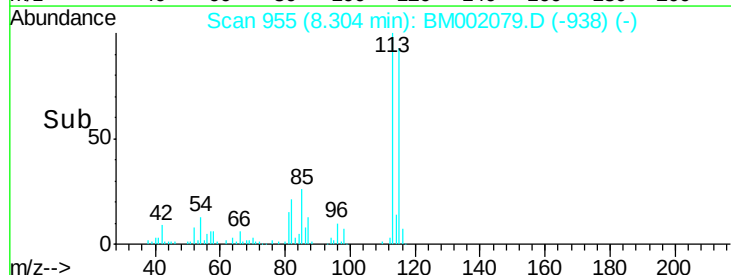
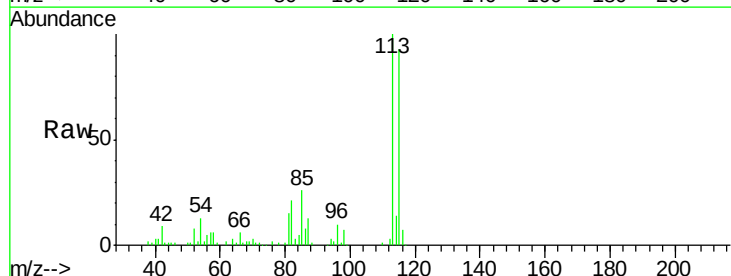
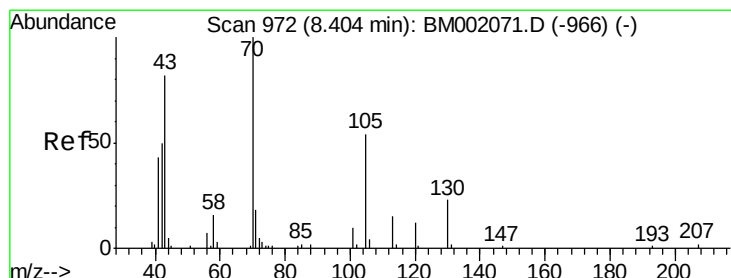
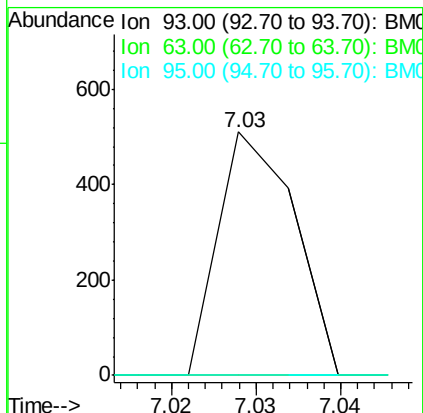
Tgt Ion: 93 Resp: 319

Ion Ratio Lower Upper

93 100

63 0.0 51.5 77.3#

95 0.0 27.0 40.4#



#15

N-Nitroso-di-n-propylamine

Concen: 1.00 ng/ul

RT: 8.30 min Scan# 955

Delta R.T. -0.10 min

Lab File: BM002079.D

Acq: 28 Jul 2015 03:08

Tgt Ion: 70 Resp: 3063

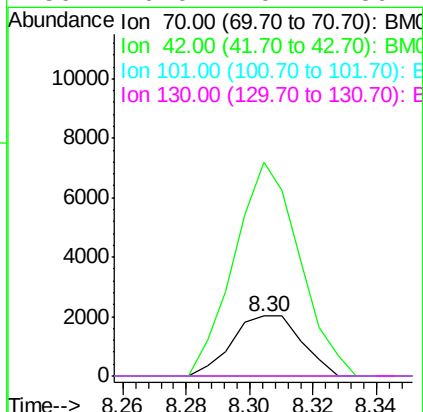
Ion Ratio Lower Upper

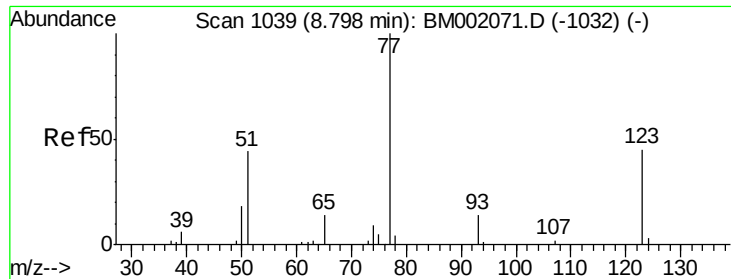
70 100

42 356.3 39.2 58.8#

101 0.0 8.6 12.8#

130 0.0 20.2 30.4#

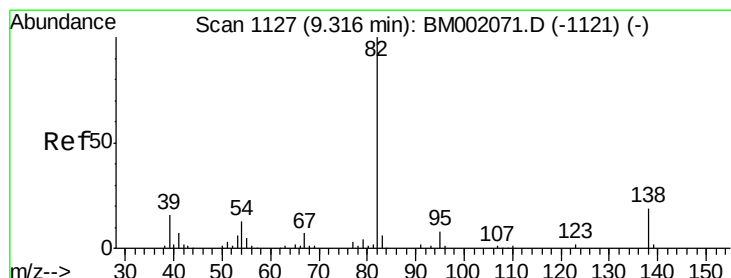
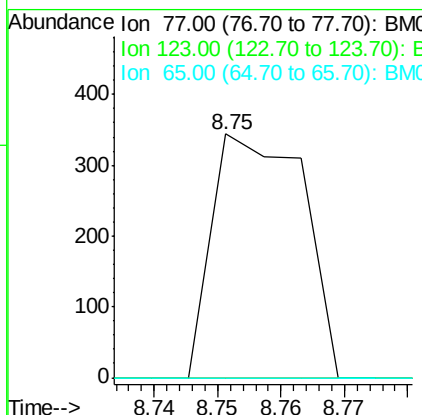
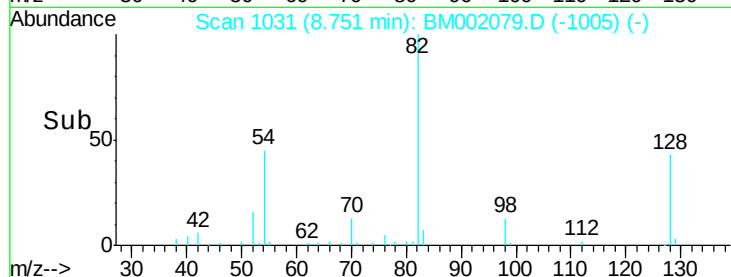
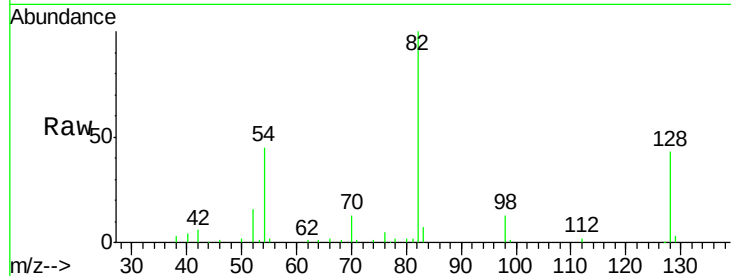




#20
Nitrobenzene
Concen: 0.08 ng/ul
RT: 8.75 min Scan# 1031
Delta R.T. -0.05 min
Lab File: BM002079.D
Acq: 28 Jul 2015 03:08

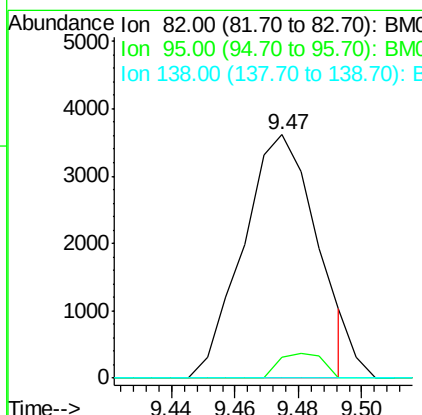
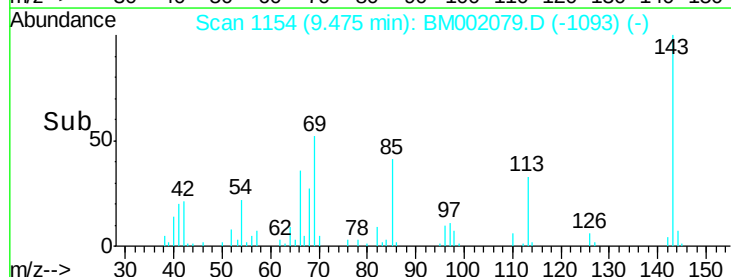
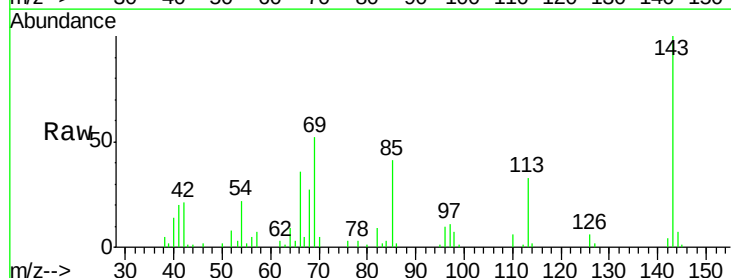
Instrument :
BNA_M
ClientSampleId :
MDL-07-W

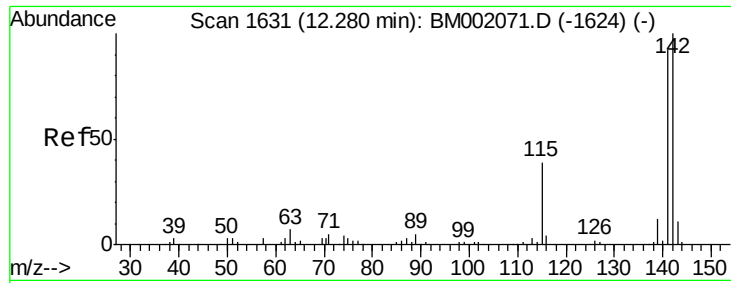
Tgt Ion: 77 Resp: 341
Ion Ratio Lower Upper
77 100
123 0.0 39.0 58.4#
65 0.0 10.4 15.6#



#21
Isophorone
Concen: 0.74 ng/ul
RT: 9.47 min Scan# 1154
Delta R.T. 0.16 min
Lab File: BM002079.D
Acq: 28 Jul 2015 03:08

Tgt Ion: 82 Resp: 5805
Ion Ratio Lower Upper
82 100
95 8.8 6.5 9.7
138 0.0 15.4 23.2#

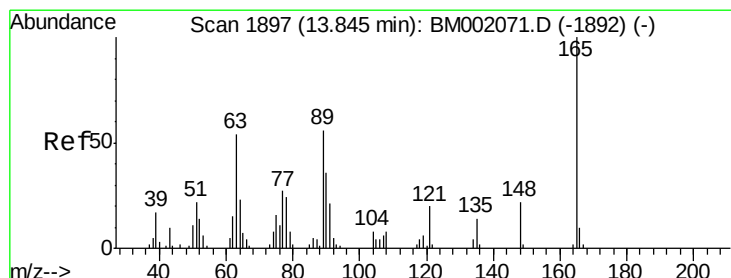
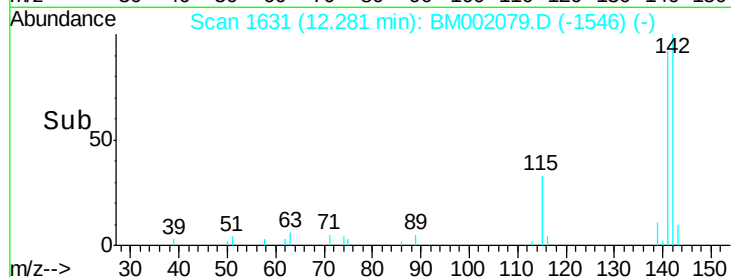
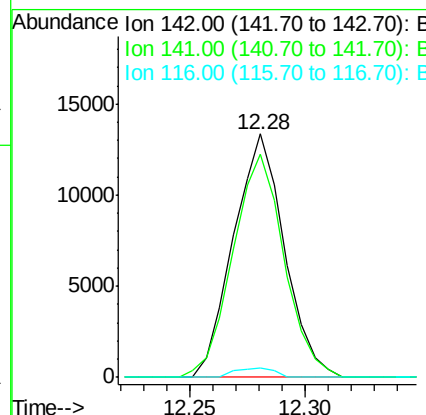
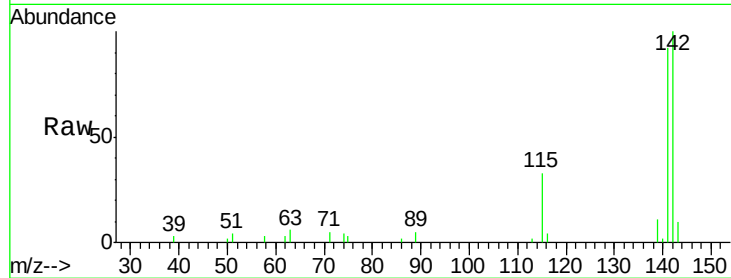




#35
 1-Methylnaphthalene
 Concen: 2.32 ng/ul
 RT: 12.28 min Scan# 1631
 Delta R.T. 0.00 min
 Lab File: BM002079.D
 Acq: 28 Jul 2015 03:08

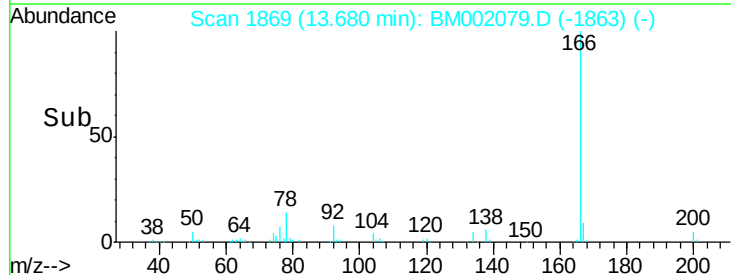
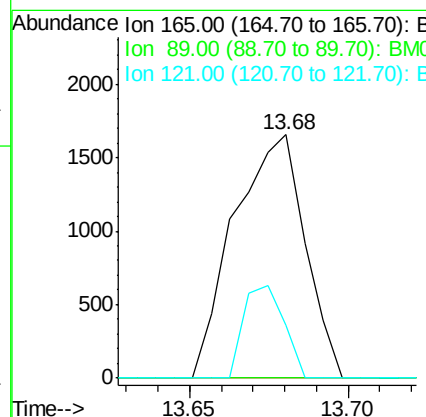
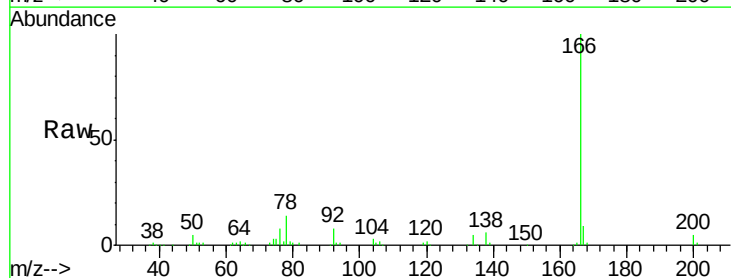
Instrument :
 BNA_M
 ClientSampleId :
 MDL-07-W

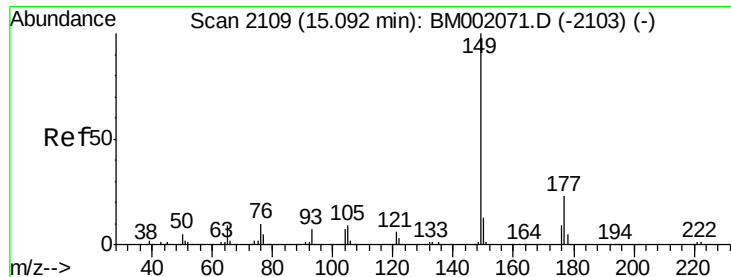
Tgt Ion:142 Resp: 20486
 Ion Ratio Lower Upper
 142 100
 141 91.9 72.4 108.6
 116 3.8 3.2 4.8



#46
 2,6-Dinitrotoluene
 Concen: 1.12 ng/ul
 RT: 13.68 min Scan# 1869
 Delta R.T. -0.16 min
 Lab File: BM002079.D
 Acq: 28 Jul 2015 03:08

Tgt Ion:165 Resp: 2575
 Ion Ratio Lower Upper
 165 100
 89 0.0 42.7 64.1#
 121 22.0 14.8 22.2





#57

Diethylphthalate

Concen: 0.04 ng/ul

RT: 15.09 min Scan# 2108

Delta R.T. -0.01 min

Lab File: BM002079.D

Acq: 28 Jul 2015 03:08

Instrument :

BNA_M

ClientSampleId :

MDL-07-W

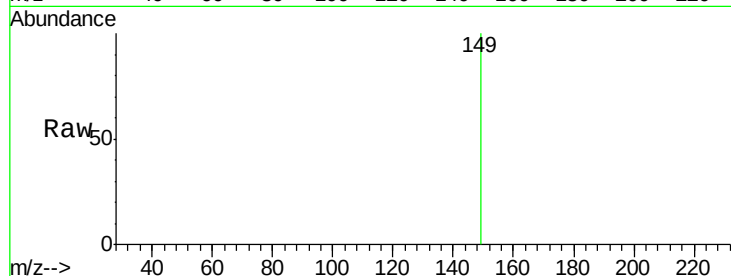
Tgt Ion:149 Resp: 499

Ion Ratio Lower Upper

149 100

177 0.0 18.4 27.6#

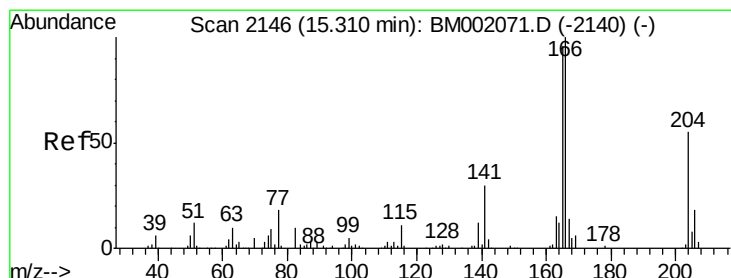
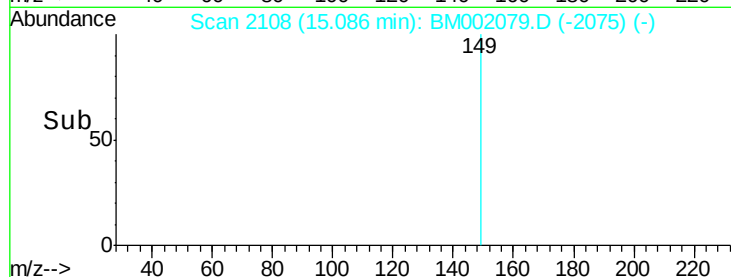
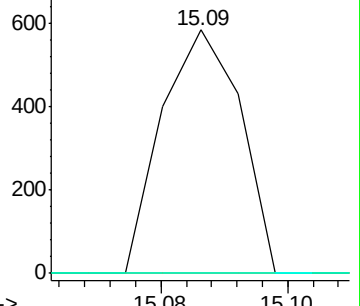
150 0.0 10.1 15.1#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#59

Fluorene

Concen: 0.06 ng/ul

RT: 15.25 min Scan# 2136

Delta R.T. -0.06 min

Lab File: BM002079.D

Acq: 28 Jul 2015 03:08

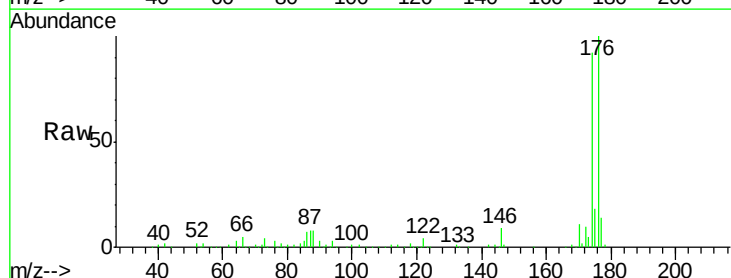
Tgt Ion:166 Resp: 666

Ion Ratio Lower Upper

166 100

165 0.0 75.6 113.4#

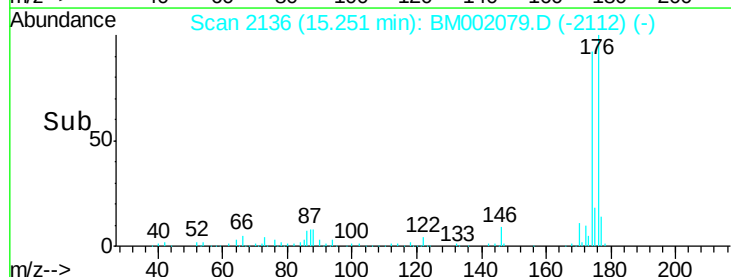
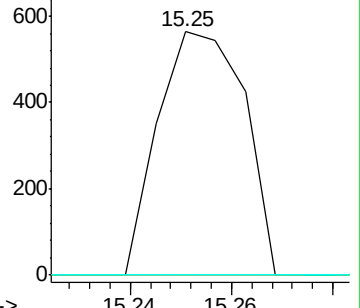
167 0.0 10.5 15.7#

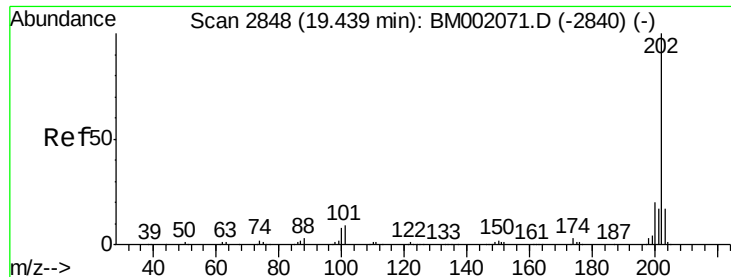


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

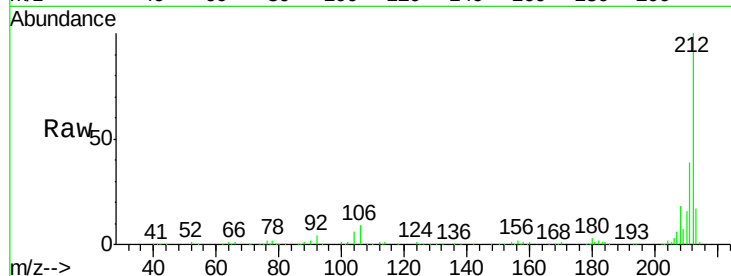




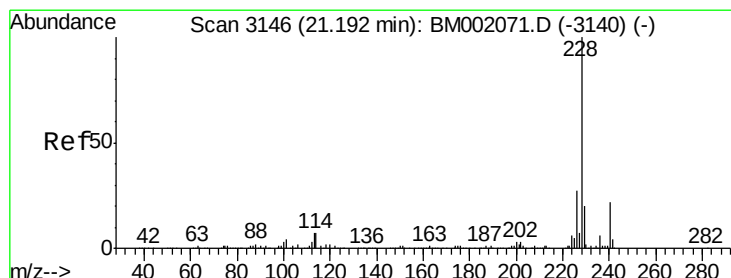
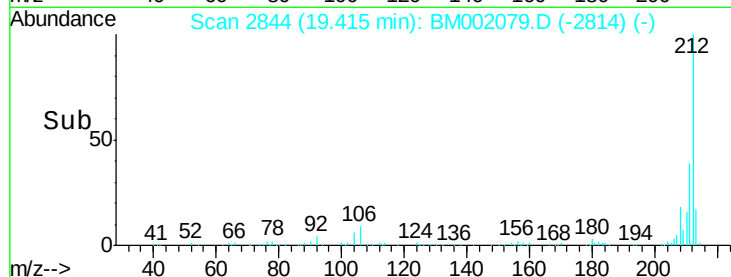
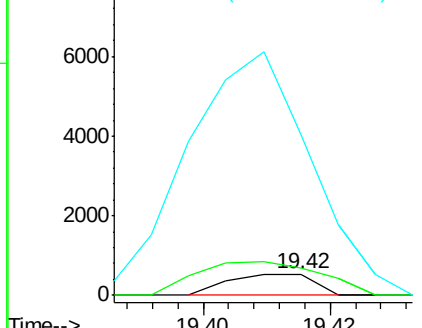
#80
 Pyrene
 Concen: 0.02 ng/ul
 RT: 19.42 min Scan# 2844
 Delta R.T. -0.02 min
 Lab File: BM002079.D
 Acq: 28 Jul 2015 03:08

Instrument :
 BNA_M
 ClientSampleId :
 MDL-07-W

Tgt Ion:202 Resp: 500
 Ion Ratio Lower Upper
 202 100
 101 129.5 7.4 11.2#
 100 753.2 6.3 9.5#

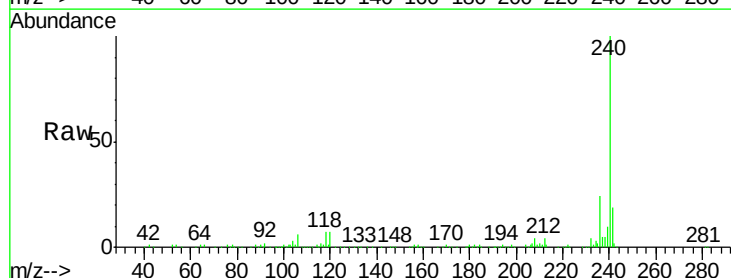


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 100.00 (99.70 to 100.70): B

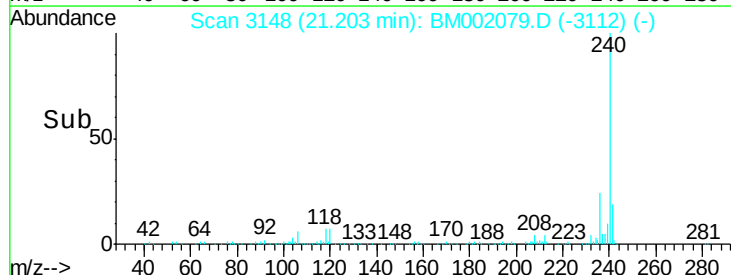
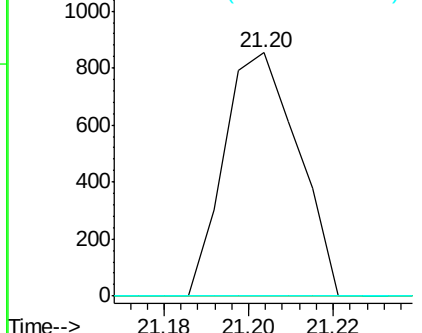


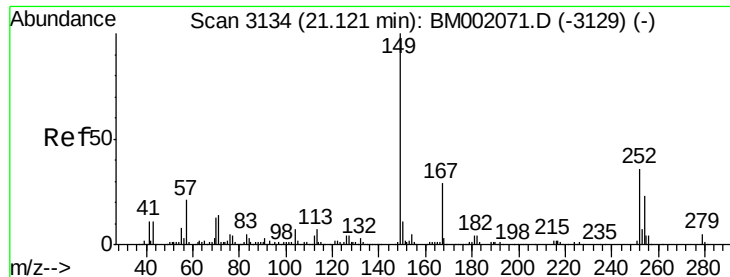
#83
 Benzo(a)anthracene
 Concen: 0.04 ng/ul
 RT: 21.20 min Scan# 3148
 Delta R.T. 0.01 min
 Lab File: BM002079.D
 Acq: 28 Jul 2015 03:08

Tgt Ion:228 Resp: 1036
 Ion Ratio Lower Upper
 228 100
 229 0.0 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





#84

Bis(2-ethylhexyl)phthalate

Concen: 0.03 ng/ul

RT: 21.12 min Scan# 3134

Delta R.T. 0.00 min

Lab File: BM002079.D

Acq: 28 Jul 2015 03:08

Instrument :

BNA_M

ClientSampleId :

MDL-07-W

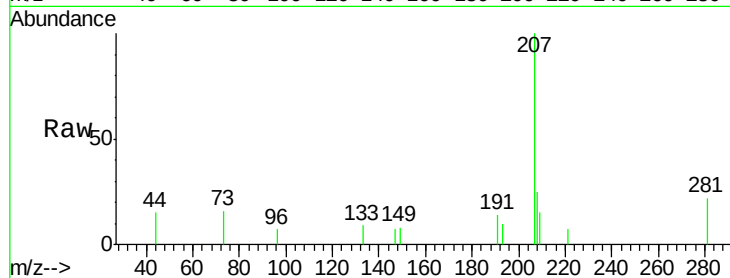
Tgt Ion:149 Resp: 342

Ion Ratio Lower Upper

149 100

167 0.0 23.6 35.4#

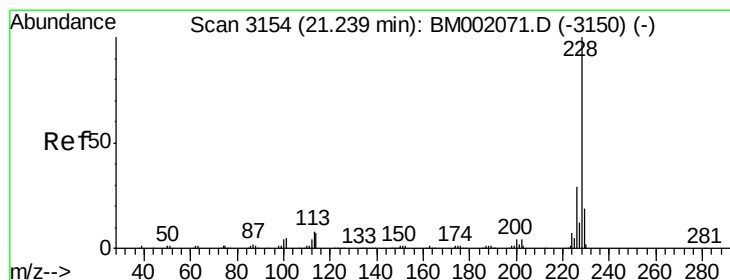
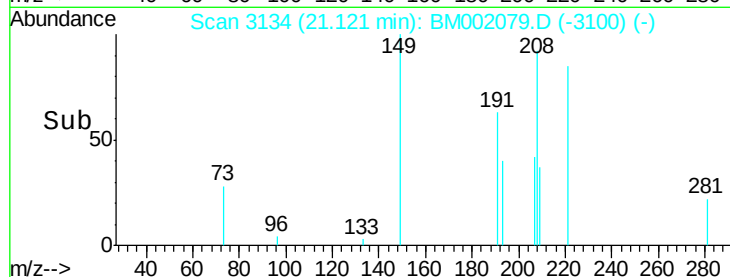
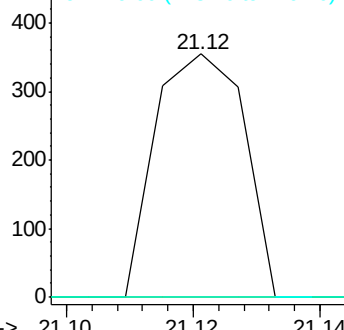
279 0.0 4.2 6.4#



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: 21.20 min Scan# 3148

Delta R.T. -0.04 min

Lab File: BM002079.D

Acq: 28 Jul 2015 03:08

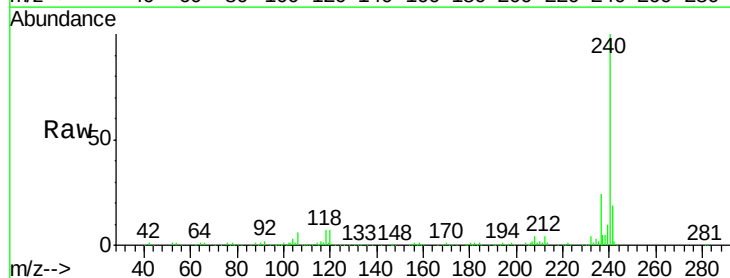
Tgt Ion:228 Resp: 1036

Ion Ratio Lower Upper

228 100

226 0.0 22.3 33.5#

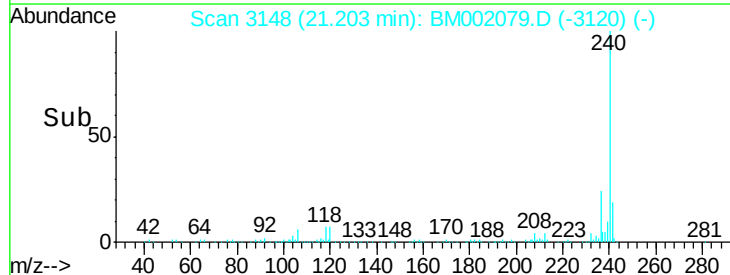
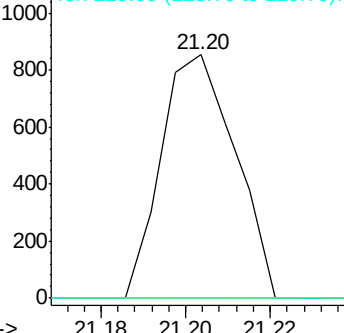
229 0.0 15.5 23.3#

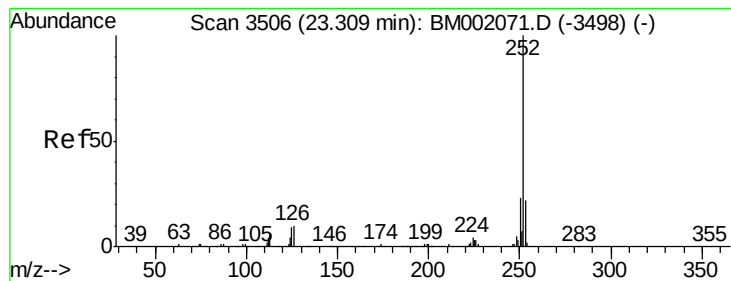


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#91

Benzo(a)pyrene

Concen: 0.09 ng/ul

RT: 23.27 min Scan# 3499

Delta R.T. -0.04 min

Lab File: BM002079.D

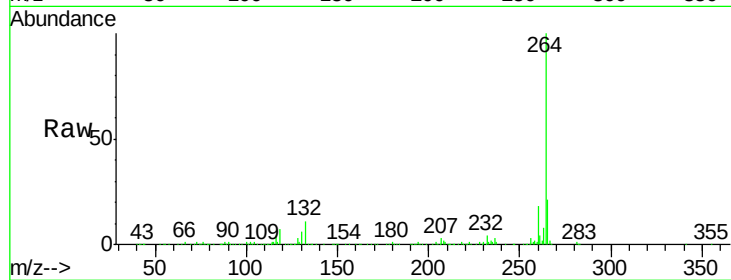
Acq: 28 Jul 2015 03:08

Instrument :

BNA_M

ClientSampleId :

MDL-07-W



Tgt Ion:	252	Resp:	1980
Ion	Ratio	Lower	Upper
252	100		
253	32.8	17.2	25.8#
125	27.9	6.6	10.0#

