

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM072715\
 Data File : BM002070.D
 Acq On : 27 Jul 2015 20:26
 Operator : UM/HP
 Sample : MDL-07-S
 Misc : MDL-SOIL-SVOC-4PPM
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 MDL-07-S

Quant Time: Jul 28 04:16:51 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM072715.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Jul 27 16:22:43 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	79479	20.00	ng/ul	0.00
18) Naphthalene-d8	10.39	136	299357	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.26	164	175924	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.01	188	394548	20.00	ng/ul	0.00
78) Chrysene-d12	21.20	240	464801	20.00	ng/ul	0.00
86) Perylene-d12	23.41	264	472145	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.07	96	8110	5.28	ng/uL	0.00
5) Phenol-d5	6.77	99	146109	25.72	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.94	67	83195	26.48	ng/ul	0.00
9) 2-Chlorophenol-d4	7.13	132	128571	26.69	ng/ul	0.00
13) 4-Methylphenol-d8	8.31	113	119268	26.40	ng/ul	0.00
19) Nitrobenzene-d5	8.76	128	59180	27.81	ng/ul	0.00
22) 2-Nitrophenol-d4	9.47	143	68294	28.88	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.01	165	122085	26.81	ng/ul	0.00
29) 4-Chloroaniline-d4	10.53	131	161791	32.33	ng/ul	0.00
44) Dimethylphthalate-d6	13.67	166	381209	29.58	ng/ul	0.00
47) Acenaphthylene-d8	13.95	160	453552	28.15	ng/ul	0.00
52) 4-Nitrophenol-d4	14.47	143	55726	25.91	ng/ul	0.00
58) Fluorene-d10	15.26	176	326623	28.81	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.39	200	46550	19.29	ng/ul	0.00
71) Anthracene-d10	17.10	188	514712	29.23	ng/ul	0.00
79) Pyrene-d10	19.41	212	572194	29.24	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.27	264	677750	29.61	ng/ul	0.00

Target Compounds

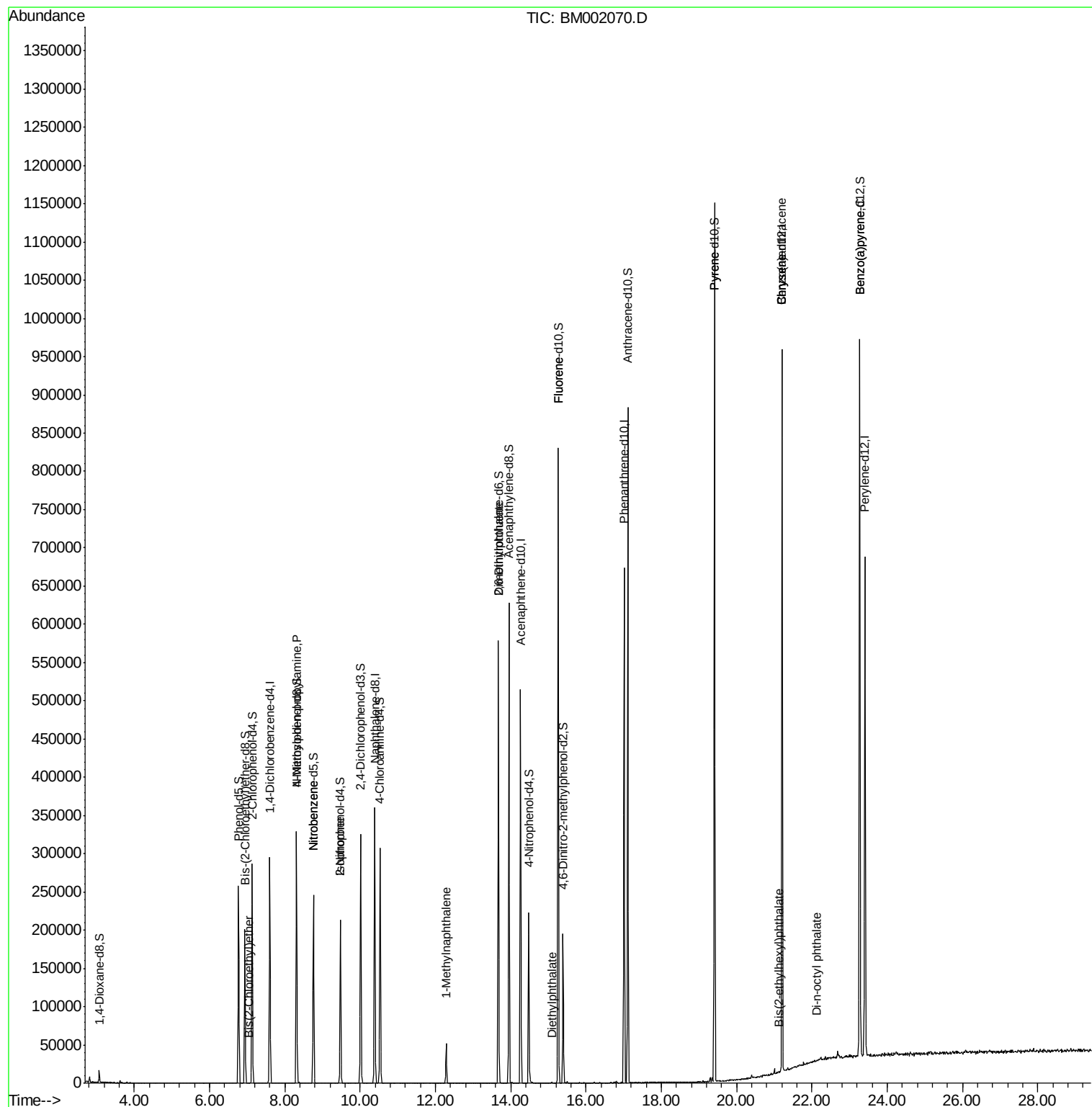
						Qvalue
8) Bis(2-Chloroethyl)ether	7.03	93	408	0.09	ng/ul#	26
15) N-Nitroso-di-n-propylamine	8.31	70	2736	0.79	ng/ul#	1
20) Nitrobenzene	8.76	77	228	0.05	ng/ul#	37
21) Isophorone	9.47	82	5791	0.65	ng/ul#	68
35) 1-Methylnaphthalene	12.28	142	25736	2.59	ng/ul#	99
46) 2,6-Dinitrotoluene	13.67	165	2432	0.93	ng/ul#	36
57) Diethylphthalate	15.09	149	802	0.06	ng/ul#	58
59) Fluorene	15.26	166	566	0.04	ng/ul#	10
80) Pyrene	19.41	202	637	0.03	ng/ul#	1
83) Benzo(a)anthracene	21.20	228	1085	0.04	ng/ul#	53
84) Bis(2-ethylhexyl)phthalate	21.12	149	286	0.02	ng/ul#	51
85) Chrysene	21.20	228	1085	0.05	ng/ul#	51
87) Di-n-octyl phthalate	22.12	149	119	0.00	ng/ul	100
91) Benzo(a)pyrene	23.27	252	1891	0.07	ng/ul#	89

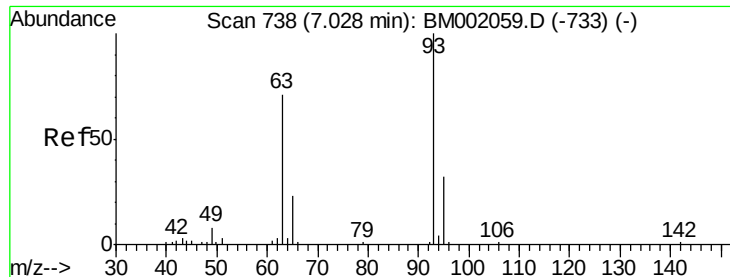
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM072715\
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Response via : Initial Calibration





#8

Bis(2-Chloroethyl)ether

Concen: 0.09 ng/ul

RT: 7.03 min Scan# 739

Delta R.T. 0.01 min

Lab File: BM002070.D

Acq: 27 Jul 2015 20:26

Instrument :

BNA_M

ClientSampleId :

MDL-07-S

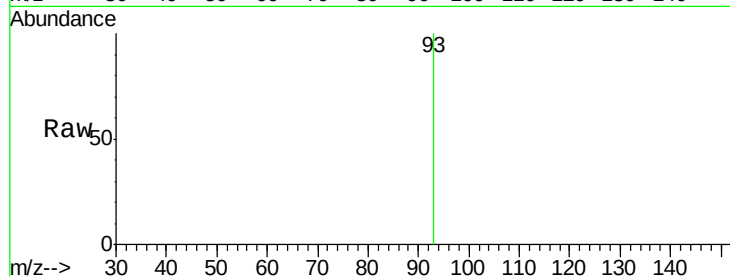
Tgt Ion: 93 Resp: 408

Ion Ratio Lower Upper

93 100

63 0.0 51.5 77.3#

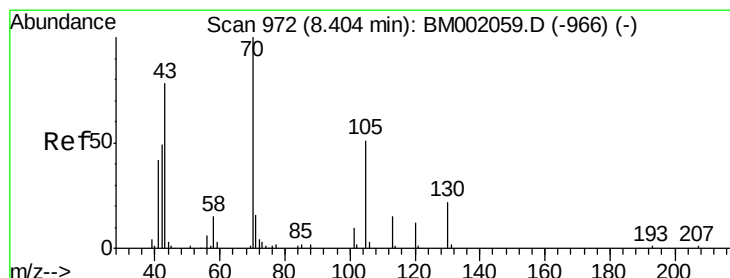
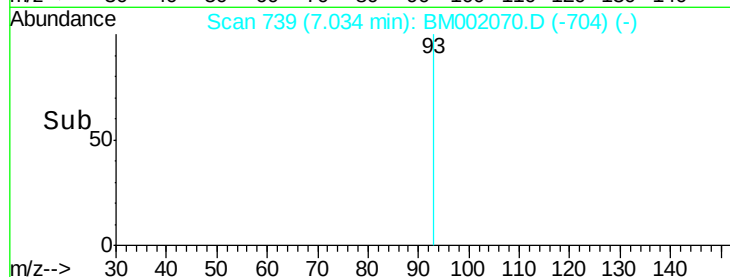
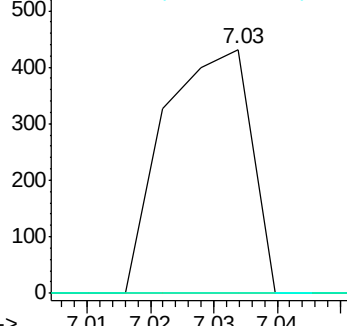
95 0.0 27.0 40.4#



Abundance Ion 93.00 (92.70 to 93.70): BM002059.D (-733) (-)

Ion 63.00 (62.70 to 63.70): BM002059.D (-733) (-)

Ion 95.00 (94.70 to 95.70): BM002059.D (-733) (-)



#15

N-Nitroso-di-n-propylamine

Concen: 0.79 ng/ul

RT: 8.31 min Scan# 956

Delta R.T. -0.09 min

Lab File: BM002070.D

Acq: 27 Jul 2015 20:26

Tgt Ion: 70 Resp: 2736

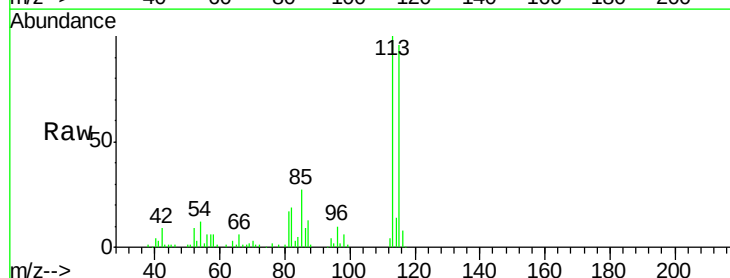
Ion Ratio Lower Upper

70 100

42 336.7 39.2 58.8#

101 0.0 8.6 12.8#

130 0.0 20.2 30.4#

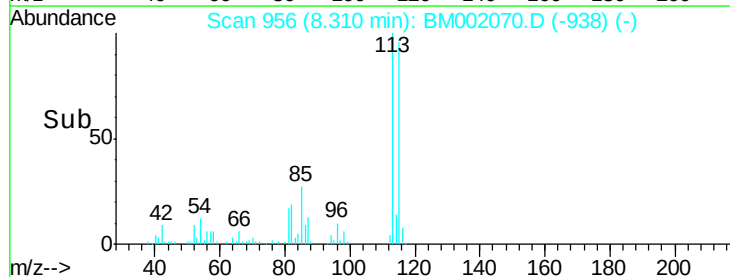
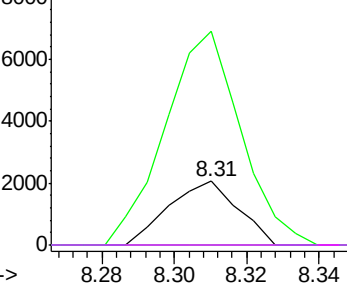


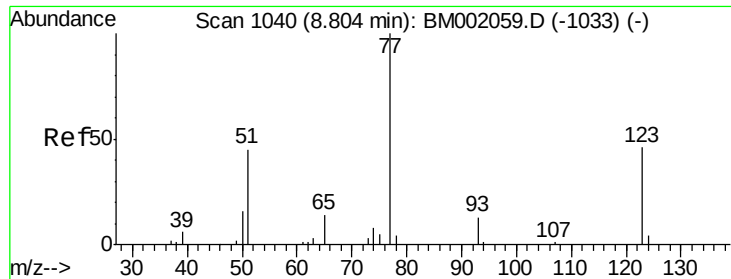
Abundance Ion 70.00 (69.70 to 70.70): BM002059.D (-966) (-)

Ion 42.00 (41.70 to 42.70): BM002059.D (-966) (-)

Ion 101.00 (100.70 to 101.70): BM002059.D (-966) (-)

Ion 130.00 (129.70 to 130.70): BM002059.D (-966) (-)

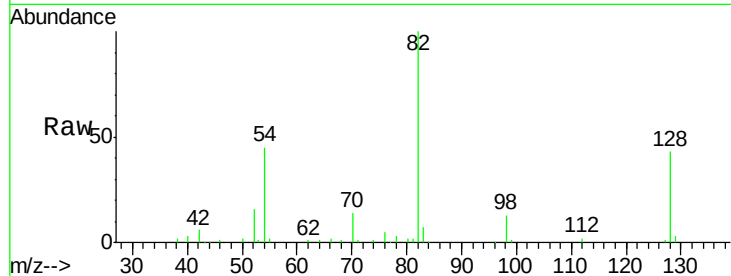




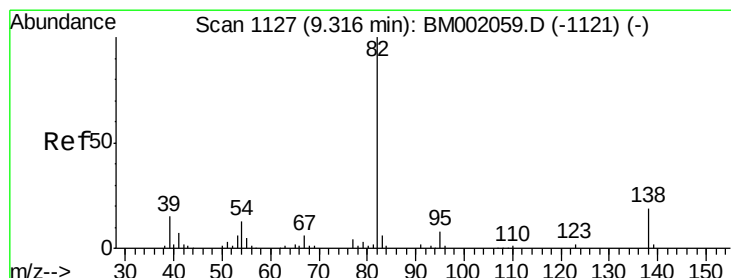
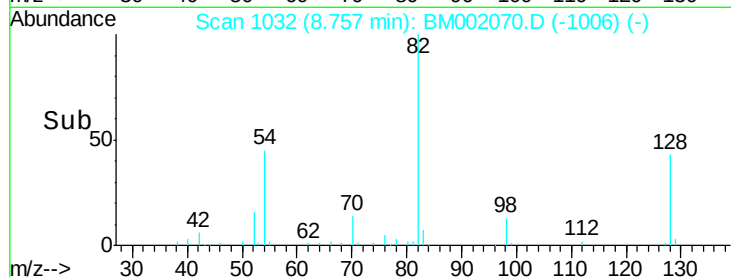
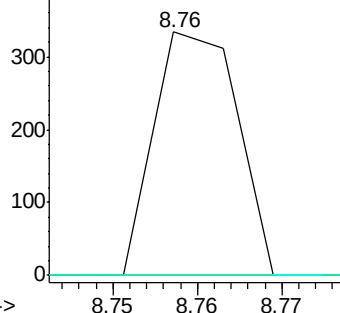
#20
Nitrobenzene
Concen: 0.05 ng/ul
RT: 8.76 min Scan# 1032
Delta R.T. -0.05 min
Lab File: BM002070.D
Acq: 27 Jul 2015 20:26

Instrument :
BNA_M
ClientSampleId :
MDL-07-S

Tgt Ion: 77 Resp: 228
Ion Ratio Lower Upper
77 100
123 0.0 39.0 58.4#
65 0.0 10.4 15.6#

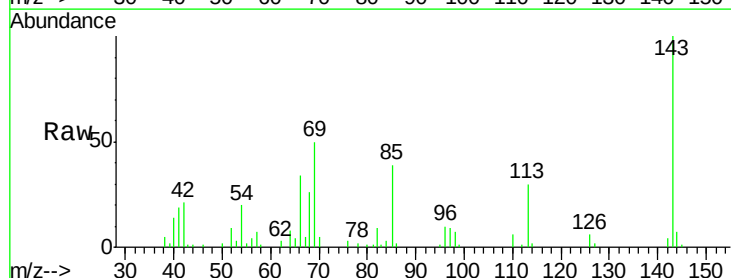


Abundance Ion 77.00 (76.70 to 77.70): BM002059.D (-1033) (-)
Ion 123.00 (122.70 to 123.70): BM002059.D (-1033) (-)
Ion 65.00 (64.70 to 65.70): BM002059.D (-1033) (-)

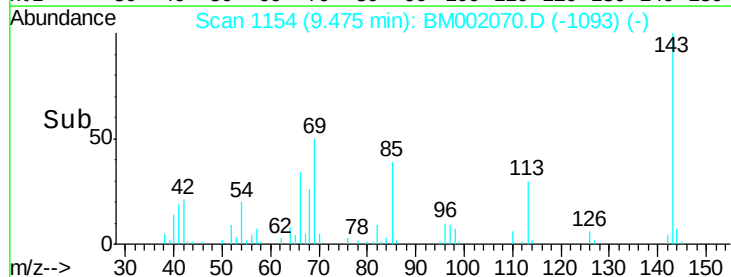
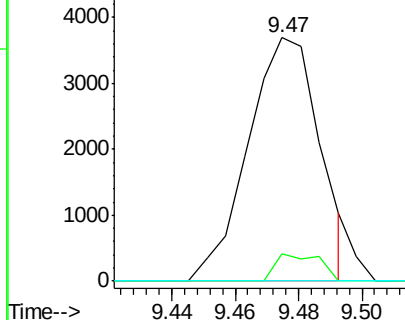


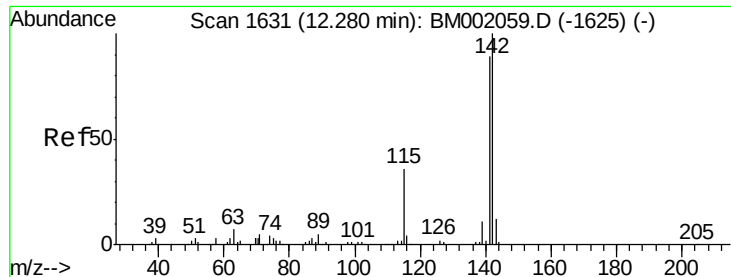
#21
Isophorone
Concen: 0.65 ng/ul
RT: 9.47 min Scan# 1154
Delta R.T. 0.16 min
Lab File: BM002070.D
Acq: 27 Jul 2015 20:26

Tgt Ion: 82 Resp: 5791
Ion Ratio Lower Upper
82 100
95 11.1 6.5 9.7#
138 0.0 15.4 23.2#



Abundance Ion 82.00 (81.70 to 82.70): BM002059.D (-1121) (-)
Ion 95.00 (94.70 to 95.70): BM002059.D (-1121) (-)
Ion 138.00 (137.70 to 138.70): BM002059.D (-1121) (-)

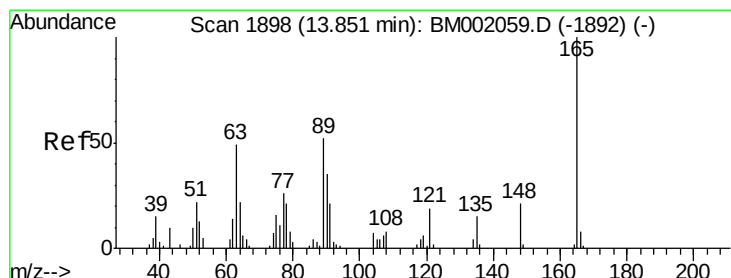
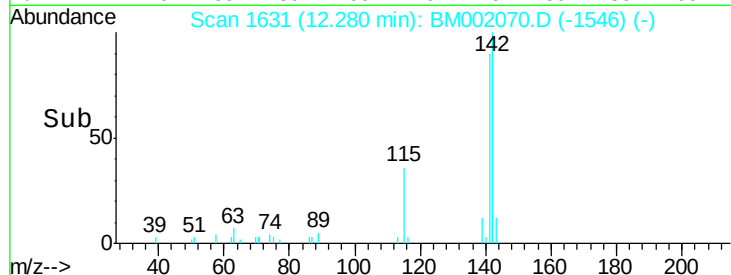
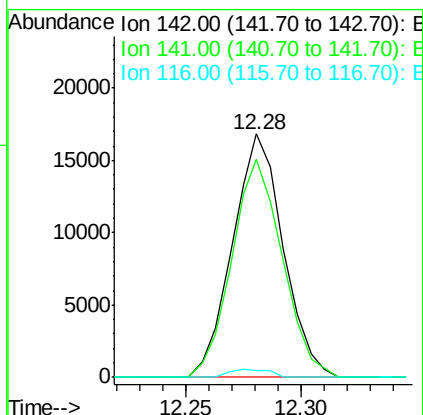
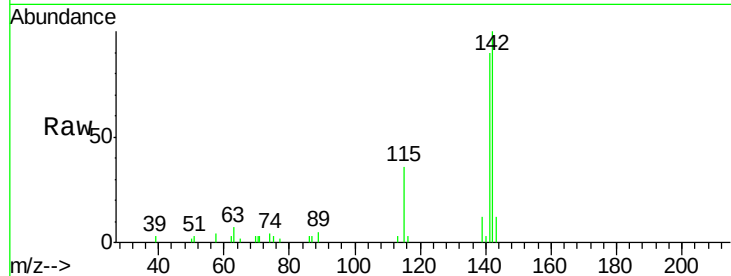




#35
 1-Methylnaphthalene
 Concen: 2.59 ng/ul
 RT: 12.28 min Scan# 1631
 Delta R.T. 0.00 min
 Lab File: BM002070.D
 Acq: 27 Jul 2015 20:26

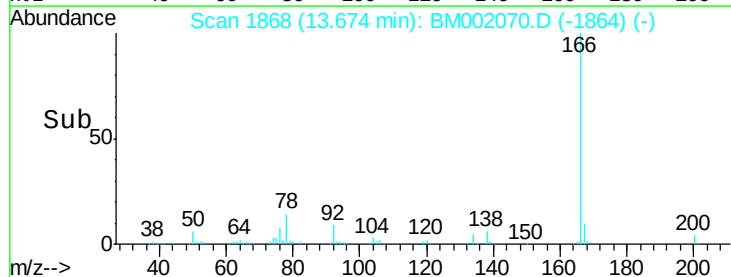
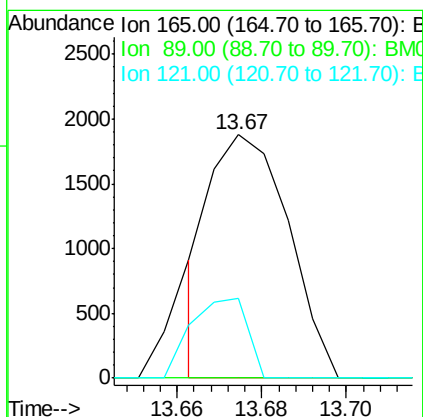
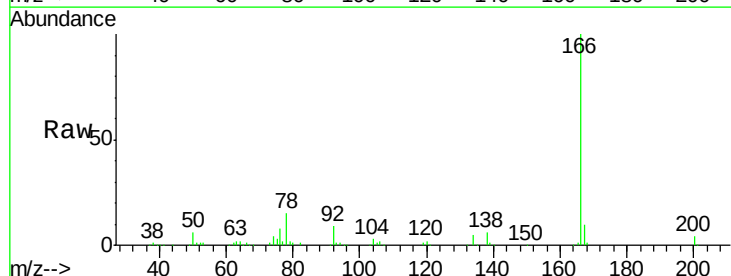
Instrument :
 BNA_M
 ClientSampleId :
 MDL-07-S

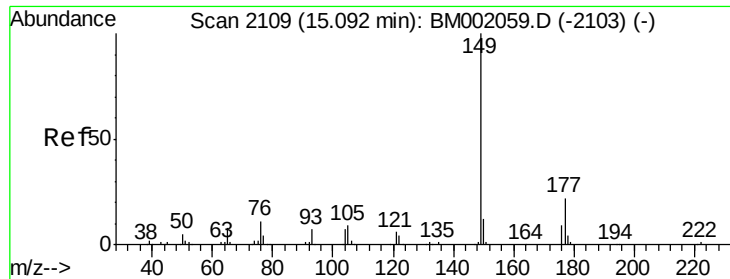
Tgt Ion:142 Resp: 25736
 Ion Ratio Lower Upper
 142 100
 141 89.6 72.4 108.6
 116 2.8 3.2 4.8#



#46
 2,6-Dinitrotoluene
 Concen: 0.93 ng/ul
 RT: 13.67 min Scan# 1868
 Delta R.T. -0.18 min
 Lab File: BM002070.D
 Acq: 27 Jul 2015 20:26

Tgt Ion:165 Resp: 2432
 Ion Ratio Lower Upper
 165 100
 89 0.0 42.7 64.1#
 121 32.6 14.8 22.2#

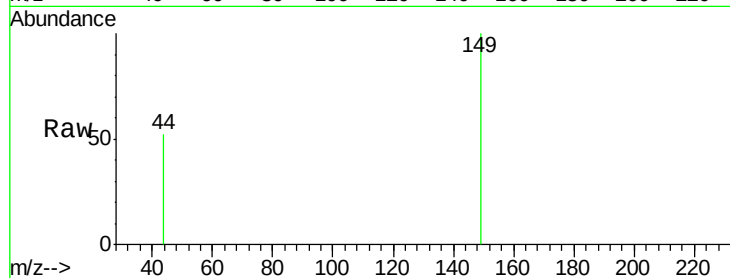




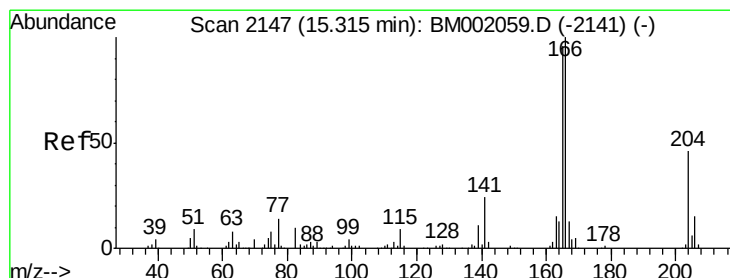
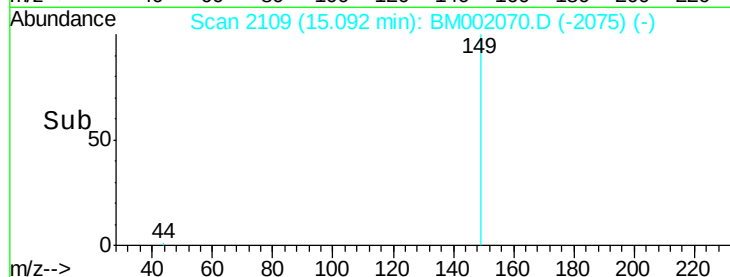
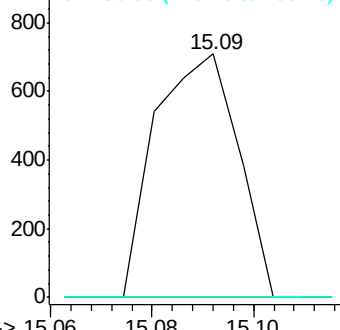
#57
Diethylphthalate
Concen: 0.06 ng/ul
RT: 15.09 min Scan# 2109
Delta R.T. 0.00 min
Lab File: BM002070.D
Acq: 27 Jul 2015 20:26

Instrument :
BNA_M
ClientSampleId :
MDL-07-S

Tgt Ion:149 Resp: 802
Ion Ratio Lower Upper
149 100
177 0.0 18.4 27.6#
150 0.0 10.1 15.1#

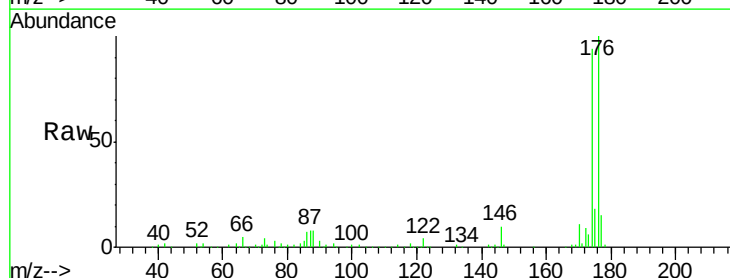


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

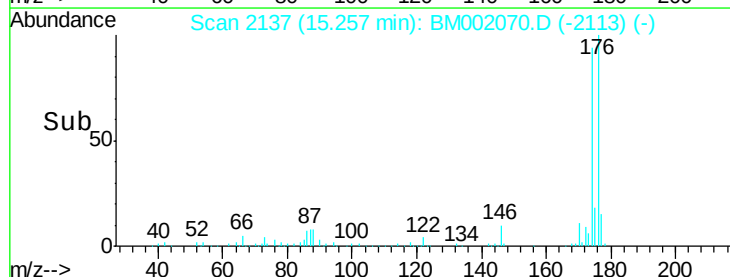
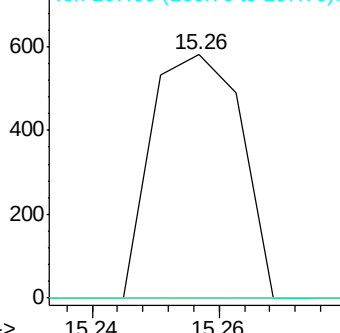


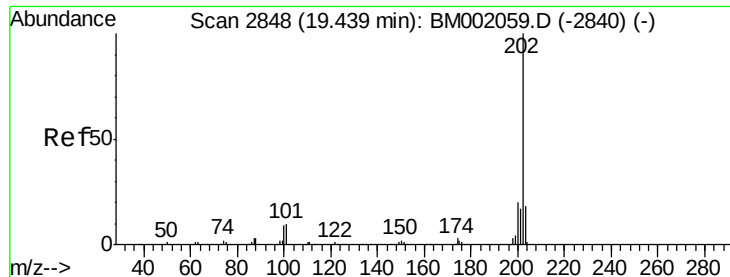
#59
Fluorene
Concen: 0.04 ng/ul
RT: 15.26 min Scan# 2137
Delta R.T. -0.06 min
Lab File: BM002070.D
Acq: 27 Jul 2015 20:26

Tgt Ion:166 Resp: 566
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: 0.03 ng/ul

RT: 19.41 min Scan# 2843

Delta R.T. -0.03 min

Lab File: BM002070.D

Acq: 27 Jul 2015 20:26

Instrument :

BNA_M

ClientSampleId :

MDL-07-S

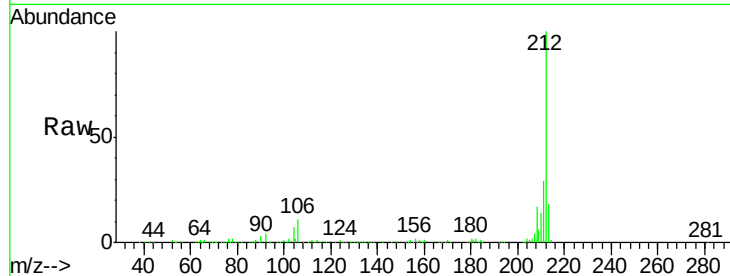
Tgt Ion:202 Resp: 637

Ion Ratio Lower Upper

202 100

101 160.2 7.4 11.2#

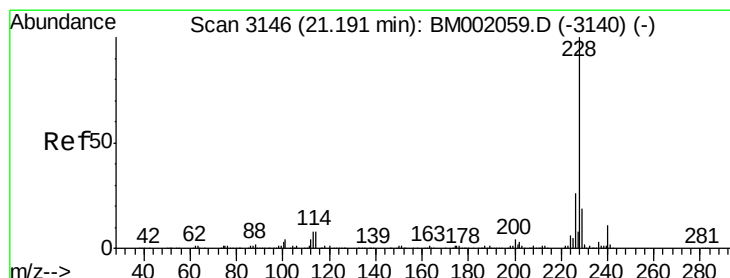
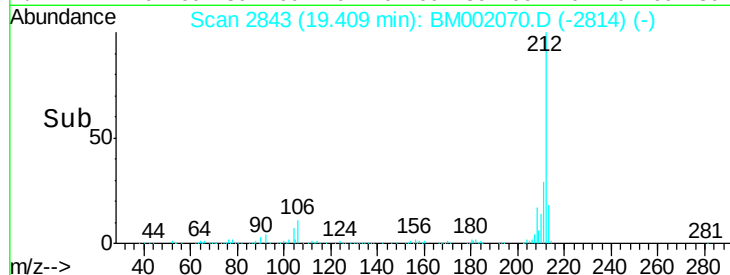
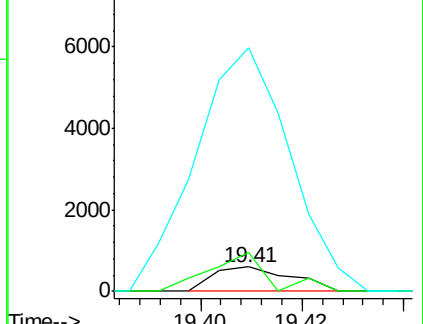
100 1002.3 6.3 9.5#



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: BM002070.D

Acq: 27 Jul 2015 20:26

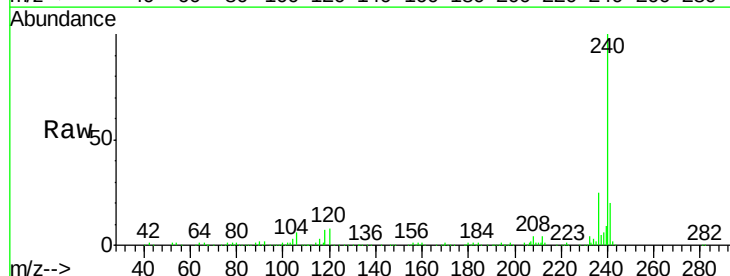
Tgt Ion:228 Resp: 1085

Ion Ratio Lower Upper

228 100

229 0.0 15.4 23.2#

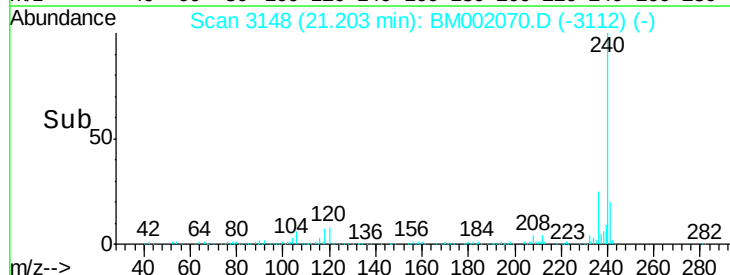
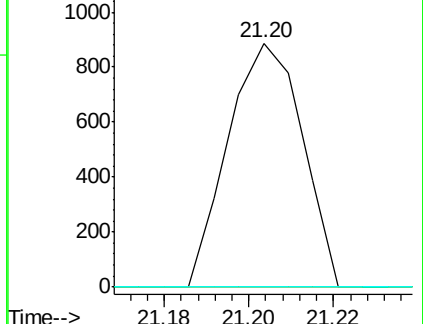
226 0.0 20.5 30.7#

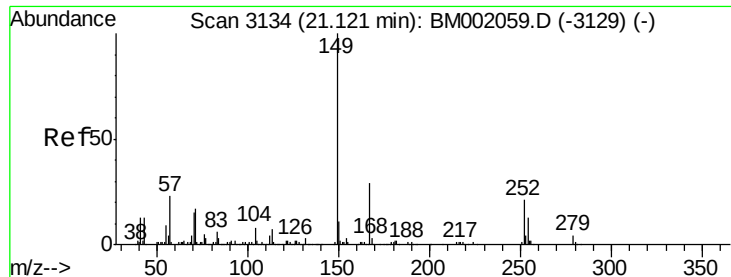


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E

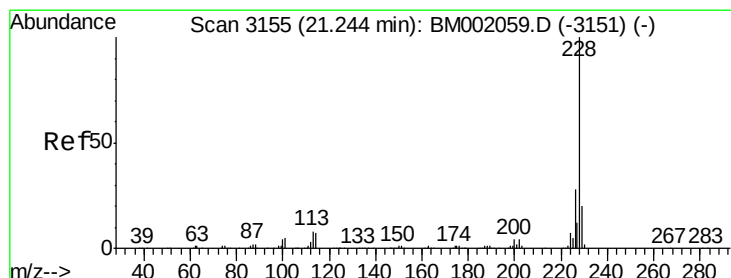
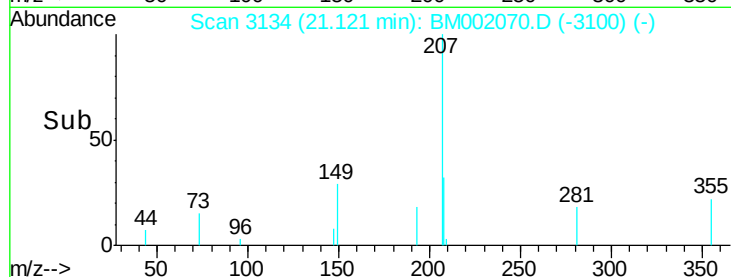
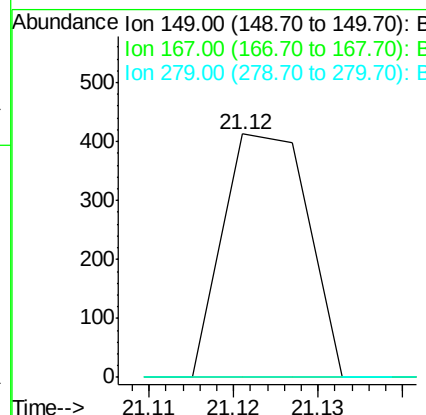
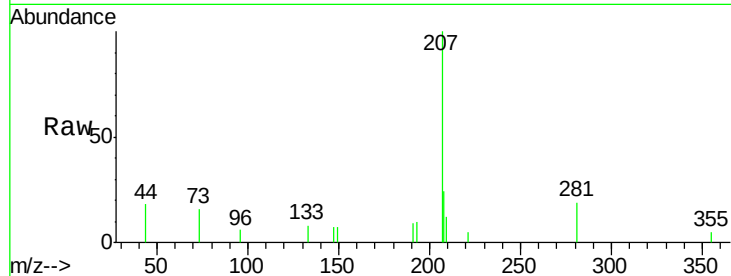




#84
 Bis(2-ethylhexyl)phthalate
 Concen: 0.02 ng/ul
 RT: 21.12 min Scan# 3134
 Delta R.T. 0.00 min
 Lab File: BM002070.D
 Acq: 27 Jul 2015 20:26

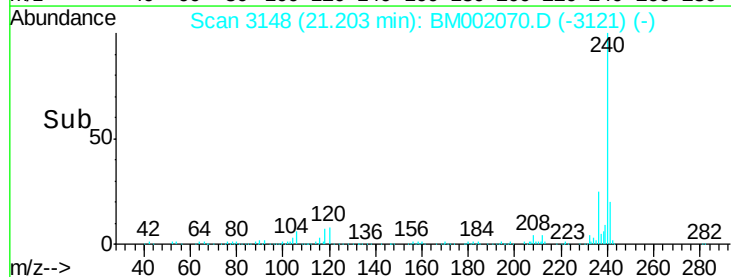
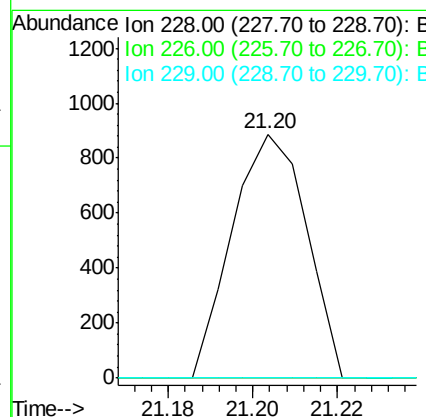
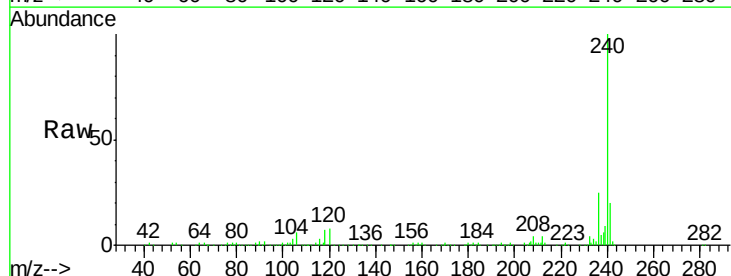
Instrument :
 BNA_M
 ClientSampled :
 MDL-07-S

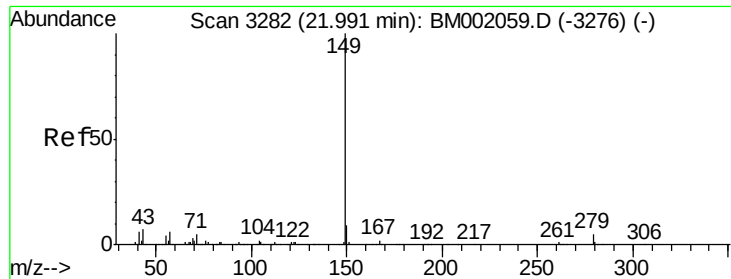
Tgt Ion:149 Resp: 286
 Ion Ratio Lower Upper
 149 100
 167 0.0 23.6 35.4#
 279 0.0 4.2 6.4#



#85
 Chrysene
 Concen: 0.05 ng/ul
 RT: 21.20 min Scan# 3148
 Delta R.T. -0.04 min
 Lab File: BM002070.D
 Acq: 27 Jul 2015 20:26

Tgt Ion:228 Resp: 1085
 Ion Ratio Lower Upper
 228 100
 226 0.0 22.3 33.5#
 229 0.0 15.5 23.3#

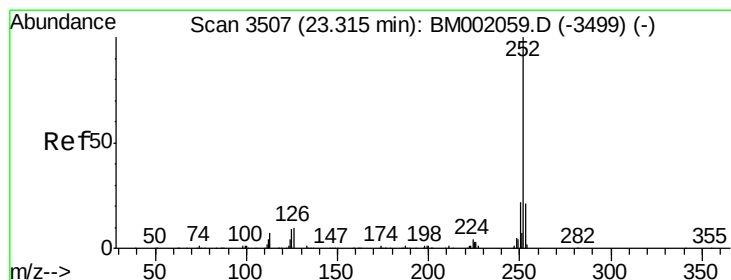
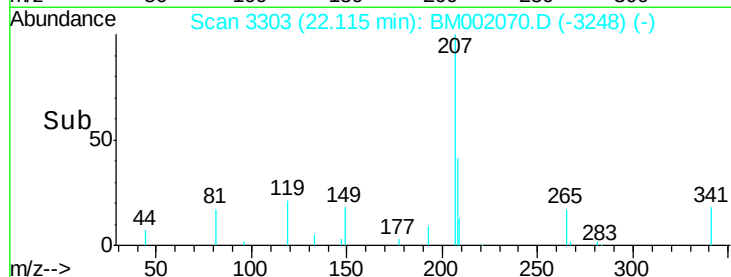
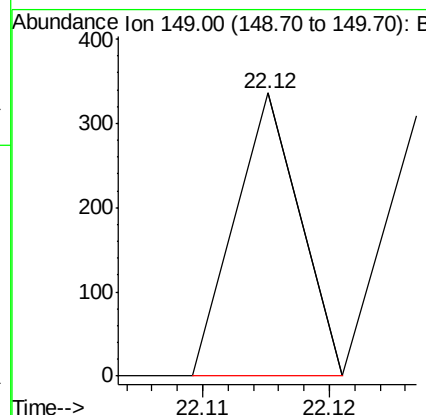
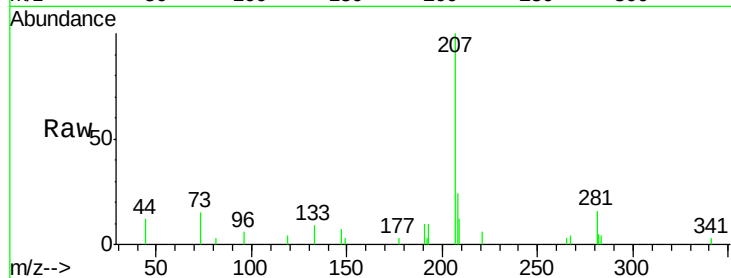




#87
 Di-n-octyl phthalate
 Concen: 0.00 ng/ul
 RT: 22.12 min Scan# 3303
 Delta R.T. 0.12 min
 Lab File: BM002070.D
 Acq: 27 Jul 2015 20:26

Instrument :
 BNA_M
 ClientSampleId :
 MDL-07-S

Tgt Ion:149 Resp: 119



#91
 Benzo(a)pyrene
 Concen: 0.07 ng/ul
 RT: 23.27 min Scan# 3499
 Delta R.T. -0.05 min
 Lab File: BM002070.D
 Acq: 27 Jul 2015 20:26

Tgt Ion:252 Resp: 1891
 Ion Ratio Lower Upper
 252 100
 253 24.3 17.2 25.8
 125 0.0 6.6 10.0#

