

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM072715\
 Data File : BM002077.D
 Acq On : 28 Jul 2015 01:55
 Operator : UM/HP
 Sample : MDL-05-W
 Misc : MDL-WATER-SVOC-4PPM
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 MDL-05-W

Quant Time: Jul 28 05:25:19 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	74001	20.00	ng/ul	0.00
18) Naphthalene-d8	10.38	136	281864	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.26	164	163946	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.01	188	381958	20.00	ng/ul	0.00
78) Chrysene-d12	21.20	240	449222	20.00	ng/ul	0.00
86) Perylene-d12	23.40	264	453173	20.00	ng/ul	0.00

System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.07	96	8806	6.16	ng/uL	0.00
5) Phenol-d5	6.77	99	163101	30.83	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.93	67	92135	31.49	ng/ul	0.00
9) 2-Chlorophenol-d4	7.13	132	142703	31.82	ng/ul	0.00
13) 4-Methylphenol-d8	8.30	113	132119	31.41	ng/ul	0.00
19) Nitrobenzene-d5	8.76	128	64951	32.42	ng/ul	0.00
22) 2-Nitrophenol-d4	9.48	143	75109	33.74	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.01	165	135901	31.70	ng/ul	0.00
29) 4-Chloroaniline-d4	10.53	131	179197	38.03	ng/ul	0.00
44) Dimethylphthalate-d6	13.67	166	421451	35.10	ng/ul	0.00
47) Acenaphthylene-d8	13.95	160	499930	33.29	ng/ul	0.00
52) 4-Nitrophenol-d4	14.47	143	64391	32.12	ng/ul	0.00
58) Fluorene-d10	15.26	176	359266	34.00	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.39	200	57745	24.72	ng/ul	0.00
71) Anthracene-d10	17.10	188	584810	34.30	ng/ul	0.00
79) Pyrene-d10	19.41	212	662956	35.05	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.26	264	774118	35.24	ng/ul	0.00

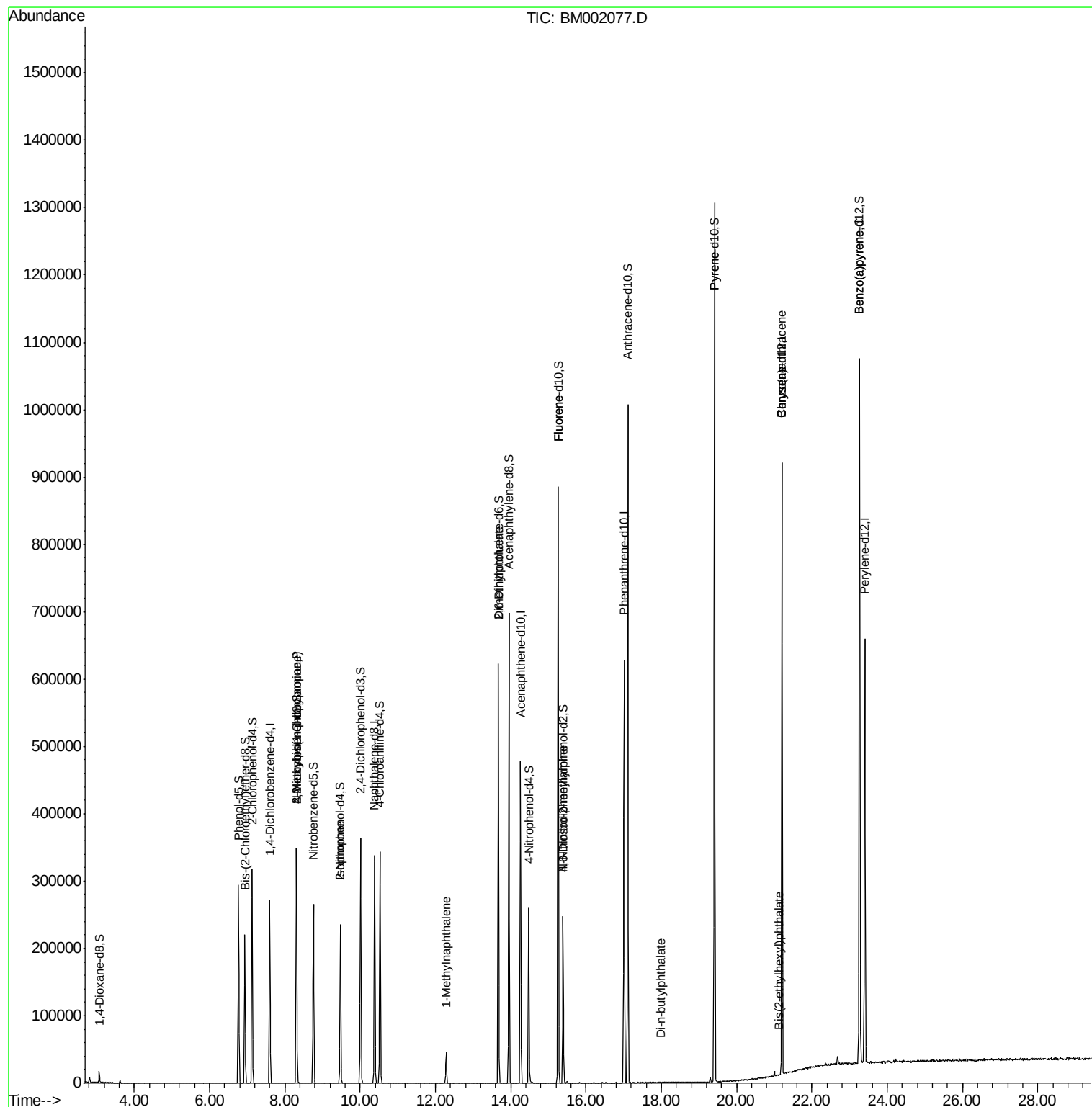
Target Compounds				Qvalue		
12) 2,2'-oxybis(1-Chloropropan	8.30	45	566	0.14	ng/ul#	56
15) N-Nitroso-di-n-propylamine	8.30	70	3478	1.08	ng/ul#	1
21) Isophorone	9.48	82	5967	0.71	ng/ul#	69
35) 1-Methylnaphthalene	12.28	142	23430	2.50	ng/ul	100
46) 2,6-Dinitrotoluene	13.67	165	2726	1.12	ng/ul#	33
59) Fluorene	15.25	166	536	0.04	ng/ul#	10
65) N-Nitrosodiphenylamine	15.39	169	240	0.02	ng/ul#	25
76) Di-n-butylphthalate	17.97	149	229	0.01	ng/ul#	79
80) Pyrene	19.42	202	532	0.02	ng/ul#	1
83) Benzo(a)anthracene	21.20	228	965	0.04	ng/ul#	52
84) Bis(2-ethylhexyl)phthalate	21.12	149	378	0.03	ng/ul#	51
85) Chrysene	21.20	228	965	0.04	ng/ul#	50
91) Benzo(a)pyrene	23.27	252	2210	0.09	ng/ul#	74

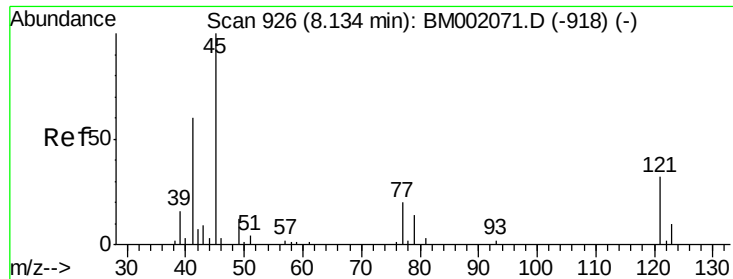
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM072715\
Data File : BM002077.D
Acq On : 28 Jul 2015 01:55
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Misc : MDL-WATER-SVOC-4PPM
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ClientSampleId :
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Quant Time: Jul 28 05:25:19 2015
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Quant Title : SVOA CALIBRATION
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Response via : Initial Calibration

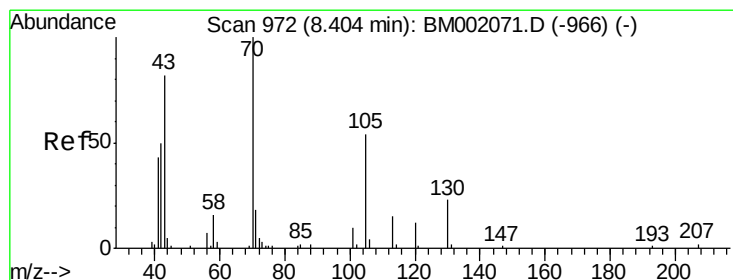
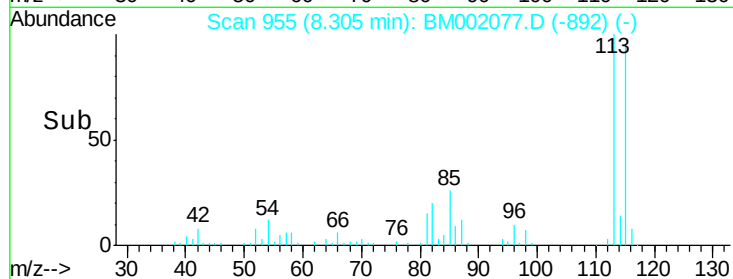
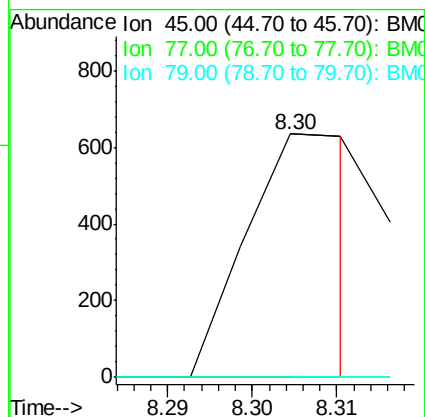
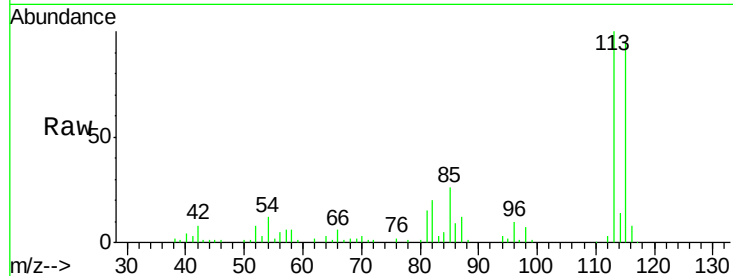




#12
2,2'-oxybis(1-Chloropropane)
Concen: 0.14 ng/ul
RT: 8.30 min Scan# 955
Delta R.T. 0.17 min
Lab File: BM002077.D
Acq: 28 Jul 2015 01:55

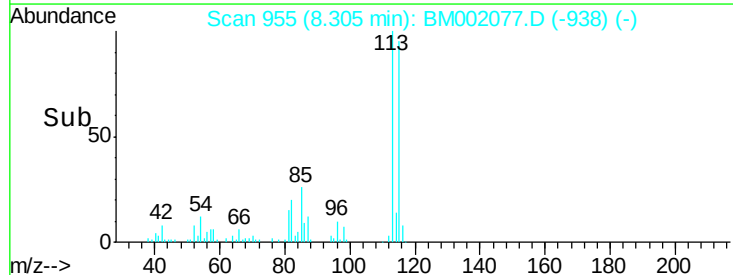
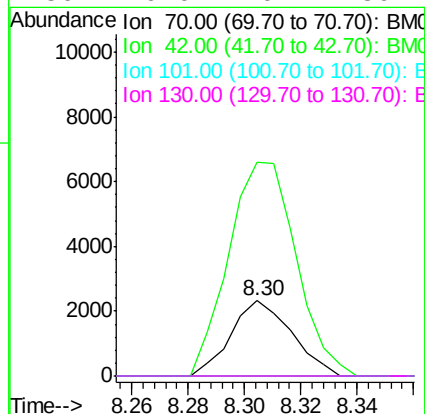
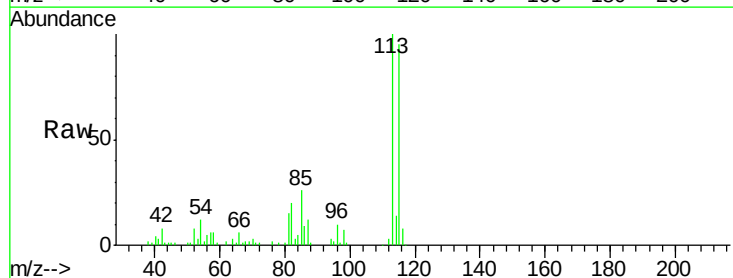
Instrument :
BNA_M
ClientSampleId :
MDL-05-W

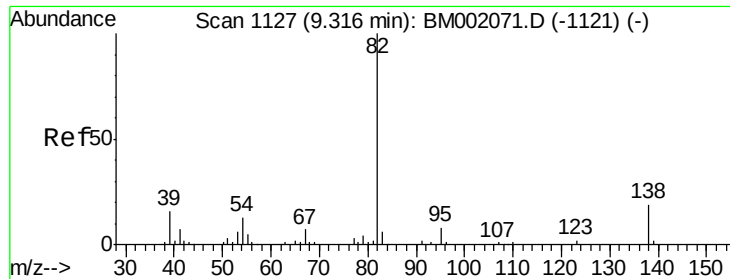
Tgt Ion: 45 Resp: 566
Ion Ratio Lower Upper
45 100
77 0.0 18.0 27.0#
79 0.0 13.9 20.9#



#15
N-Nitroso-di-n-propylamine
Concen: 1.08 ng/ul
RT: 8.30 min Scan# 955
Delta R.T. -0.10 min
Lab File: BM002077.D
Acq: 28 Jul 2015 01:55

Tgt Ion: 70 Resp: 3478
Ion Ratio Lower Upper
70 100
42 284.5 39.2 58.8#
101 0.0 8.6 12.8#
130 0.0 20.2 30.4#





#21

Isophorone

Concen: 0.71 ng/ul

RT: 9.48 min Scan# 1154

Delta R.T. 0.16 min

Lab File: BM002077.D

Acq: 28 Jul 2015 01:55

Instrument :

BNA_M

ClientSampleId :

MDL-05-W

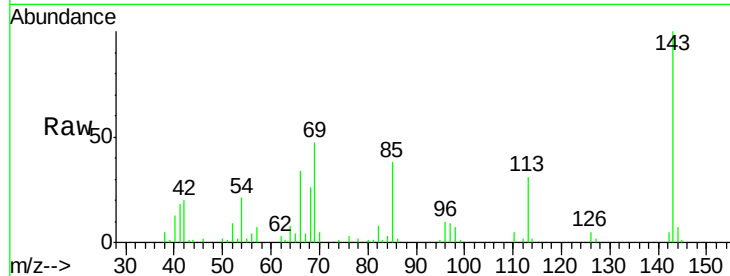
Tgt Ion: 82 Resp: 5967

Ion Ratio Lower Upper

82 100

95 9.2 6.5 9.7

138 0.0 15.4 23.2#

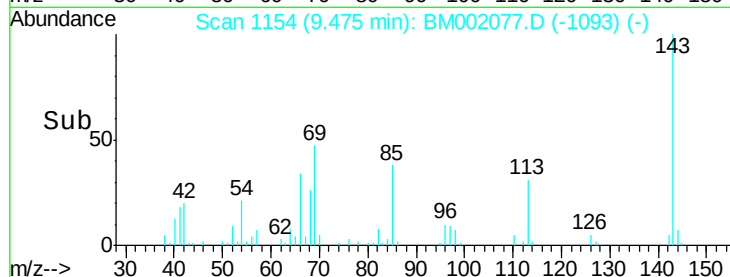


Abundance Ion 82.00 (81.70 to 82.70): BM002077.D (-1121) (-)

Ion 95.00 (94.70 to 95.70): BM002077.D (-1121) (-)

Ion 138.00 (137.70 to 138.70): BM002077.D (-1121) (-)

Time-->



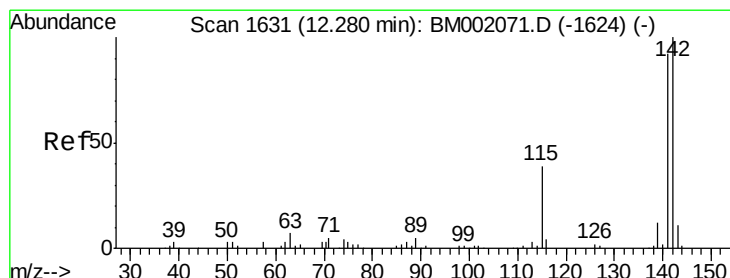
Abundance

Ion 82.00 (81.70 to 82.70): BM002077.D (-1121) (-)

Ion 95.00 (94.70 to 95.70): BM002077.D (-1121) (-)

Ion 138.00 (137.70 to 138.70): BM002077.D (-1121) (-)

Time-->



#35

1-Methylnaphthalene

Concen: 2.50 ng/ul

RT: 12.28 min Scan# 1631

Delta R.T. 0.00 min

Lab File: BM002077.D

Acq: 28 Jul 2015 01:55

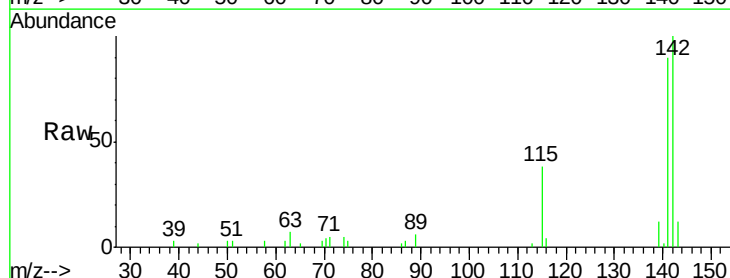
Tgt Ion: 142 Resp: 23430

Ion Ratio Lower Upper

142 100

141 90.4 72.4 108.6

116 3.6 3.2 4.8

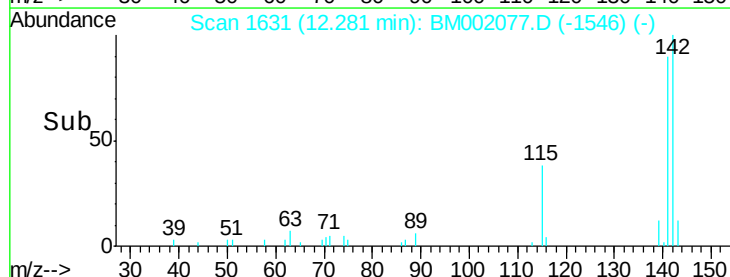


Abundance Ion 142.00 (141.70 to 142.70): BM002077.D (-1546) (-)

Ion 141.00 (140.70 to 141.70): BM002077.D (-1546) (-)

Ion 116.00 (115.70 to 116.70): BM002077.D (-1546) (-)

Time-->



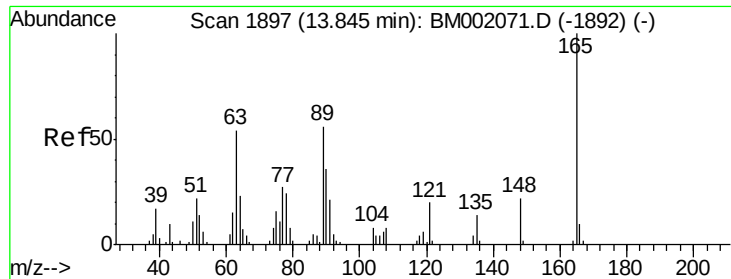
Abundance

Ion 142.00 (141.70 to 142.70): BM002077.D (-1546) (-)

Ion 141.00 (140.70 to 141.70): BM002077.D (-1546) (-)

Ion 116.00 (115.70 to 116.70): BM002077.D (-1546) (-)

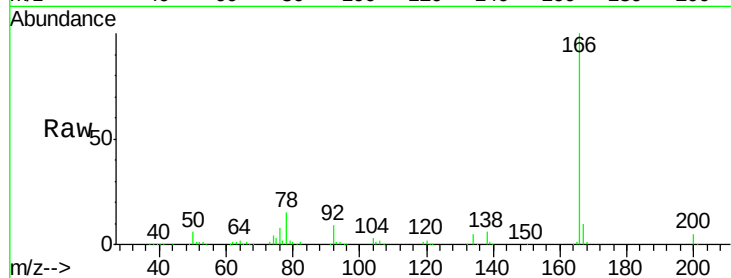
Time-->



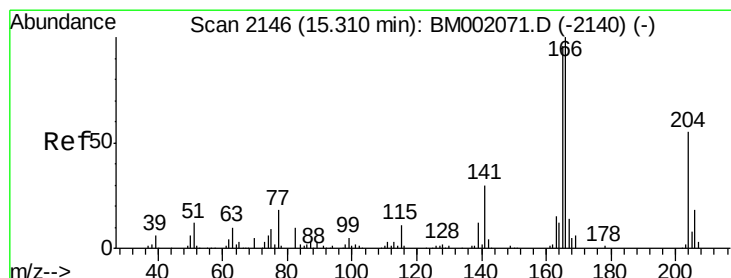
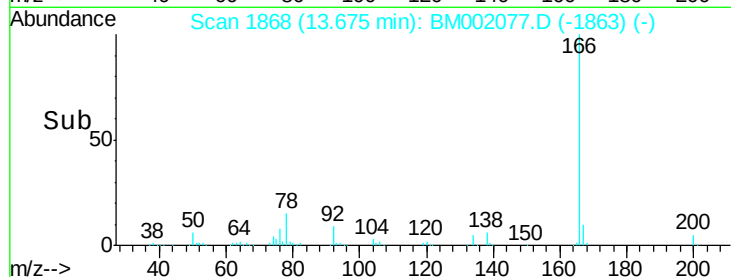
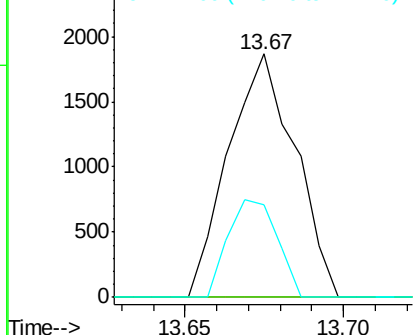
#46
 2,6-Dinitrotoluene
 Concen: 1.12 ng/ul
 RT: 13.67 min Scan# 1868
 Delta R.T. -0.17 min
 Lab File: BM002077.D
 Acq: 28 Jul 2015 01:55

Instrument :
 BNA_M
 ClientSampleId :
 MDL-05-W

Tgt Ion:165 Resp: 2726
 Ion Ratio Lower Upper
 165 100
 89 0.0 42.7 64.1#
 121 38.2 14.8 22.2#

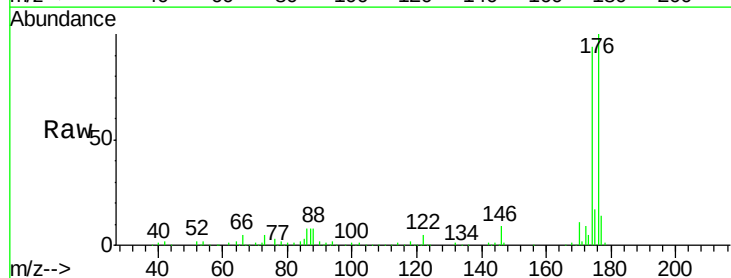


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 89.00 (88.70 to 89.70): BM0
 Ion 121.00 (120.70 to 121.70): E

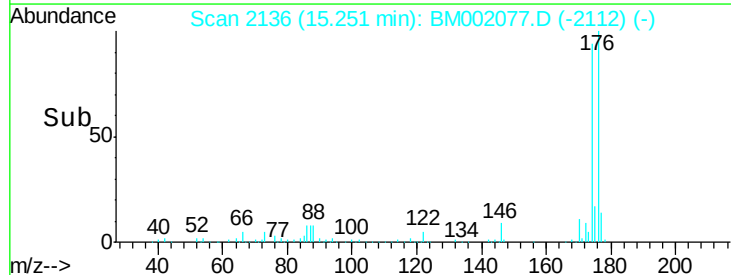
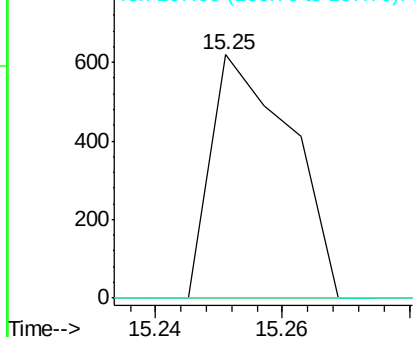


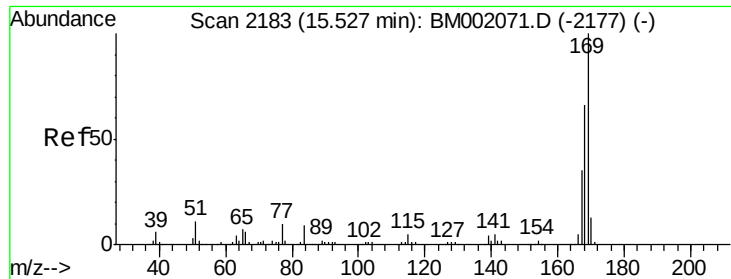
#59
 Fluorene
 Concen: 0.04 ng/ul
 RT: 15.25 min Scan# 2136
 Delta R.T. -0.06 min
 Lab File: BM002077.D
 Acq: 28 Jul 2015 01:55

Tgt Ion:166 Resp: 536
 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. -0.13 min

Lab File: BM002077.D

Acq: 28 Jul 2015 01:55

Instrument :

BNA_M

ClientSampleId :

MDL-05-W

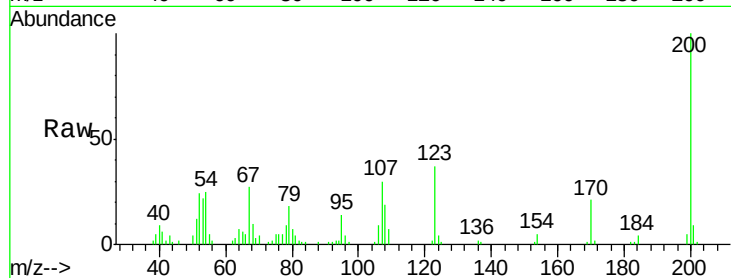
Tgt Ion:169 Resp: 240

Ion Ratio Lower Upper

169 100

168 0.0 52.6 79.0#

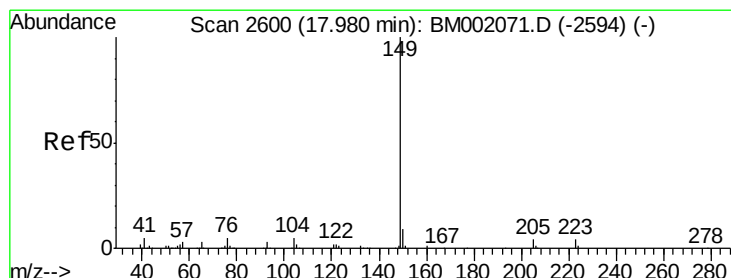
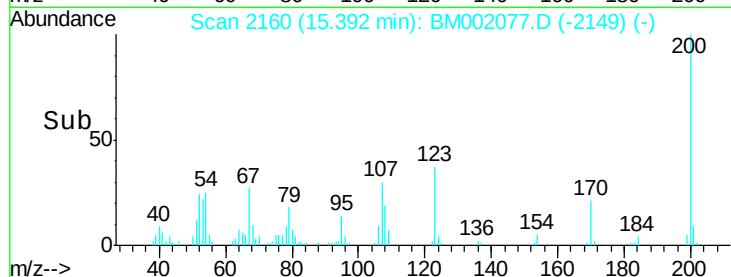
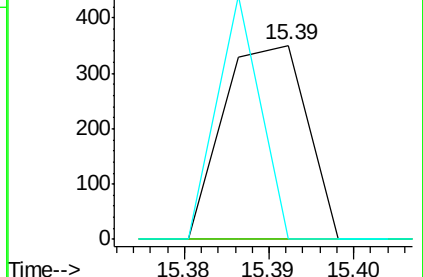
167 0.0 27.8 41.6#



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: 17.97 min Scan# 2599

Delta R.T. -0.01 min

Lab File: BM002077.D

Acq: 28 Jul 2015 01:55

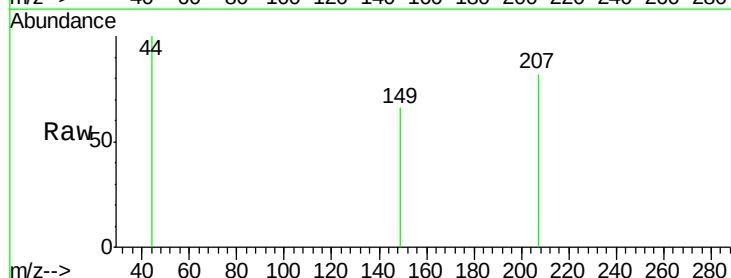
Tgt Ion:149 Resp: 229

Ion Ratio Lower Upper

149 100

150 0.0 7.0 10.4#

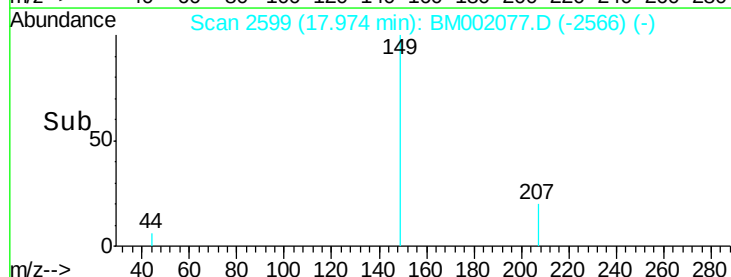
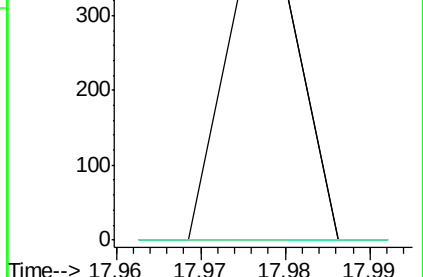
104 0.0 4.2 6.2#

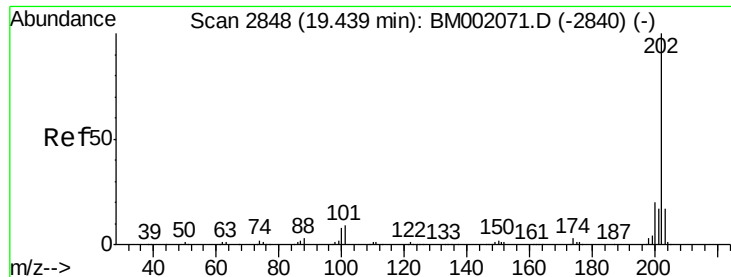


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

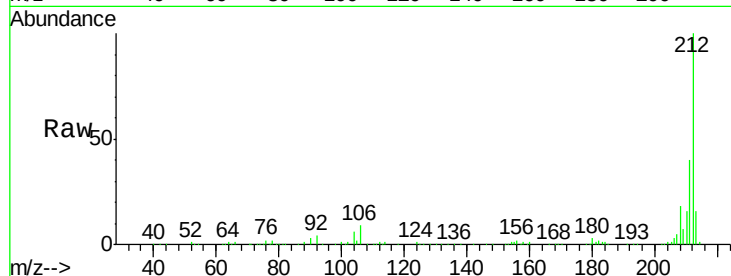




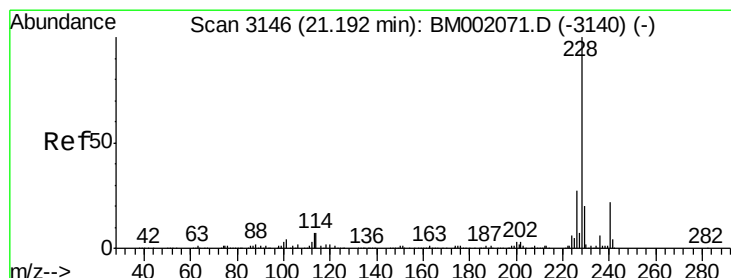
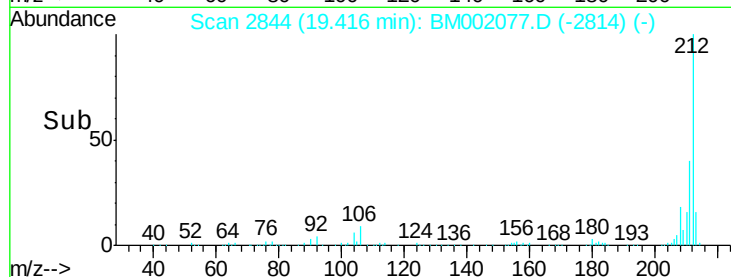
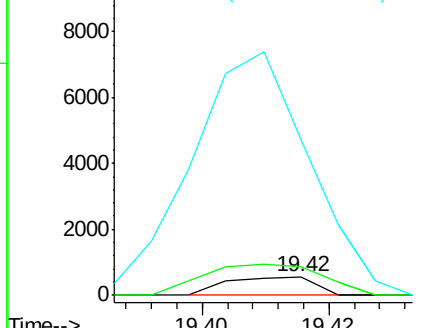
#80
 Pyrene
 Concen: 0.02 ng/ul
 RT: 19.42 min Scan# 2844
 Delta R.T. -0.02 min
 Lab File: BM002077.D
 Acq: 28 Jul 2015 01:55

Instrument :
 BNA_M
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 MDL-05-W

Tgt Ion: 202 Resp: 532
 Ion Ratio Lower Upper
 202 100
 101 154.0 7.4 11.2#
 100 842.5 6.3 9.5#

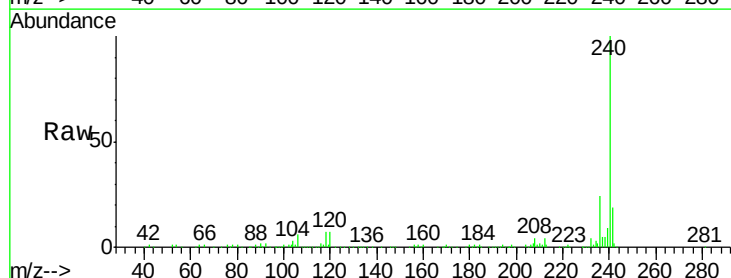


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 100.00 (99.70 to 100.70): B

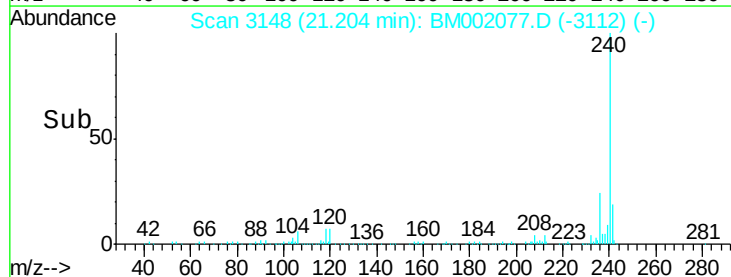
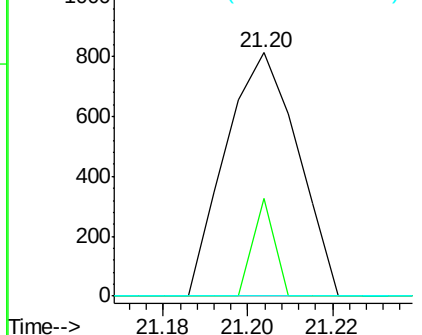


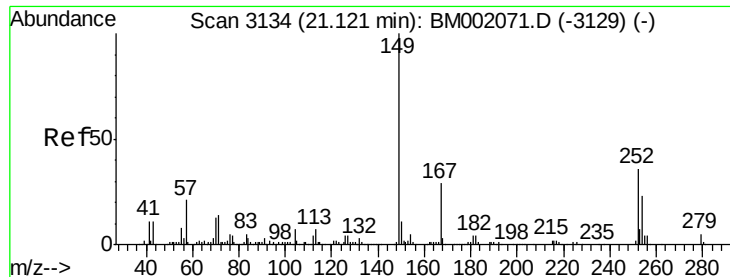
#83
 Benzo(a)anthracene
 Concen: 0.04 ng/ul
 RT: 21.20 min Scan# 3148
 Delta R.T. 0.01 min
 Lab File: BM002077.D
 Acq: 28 Jul 2015 01:55

Tgt Ion: 228 Resp: 965
 Ion Ratio Lower Upper
 228 100
 229 40.0 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# 3133

Delta R.T. -0.01 min

Lab File: BM002077.D

Acq: 28 Jul 2015 01:55

Instrument :

BNA_M

ClientSampleId :

MDL-05-W

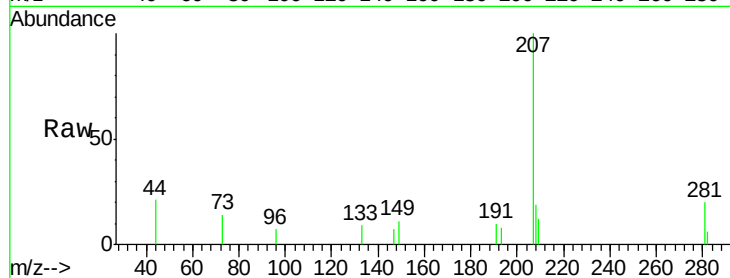
Tgt Ion:149 Resp: 378

Ion Ratio Lower Upper

149 100

167 0.0 23.6 35.4#

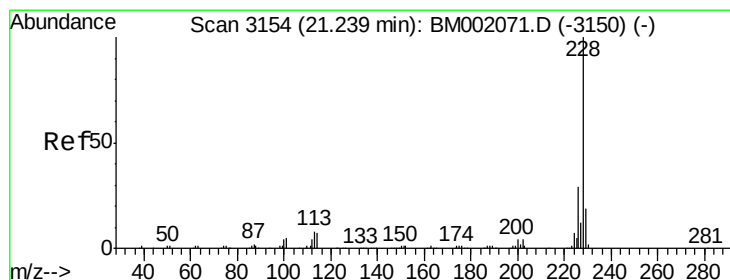
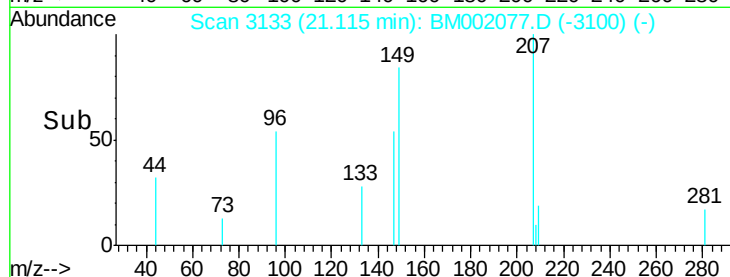
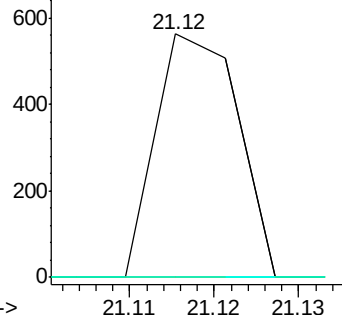
279 0.0 4.2 6.4#



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: 0.04 ng/ul

RT: 21.20 min Scan# 3148

Delta R.T. -0.03 min

Lab File: BM002077.D

Acq: 28 Jul 2015 01:55

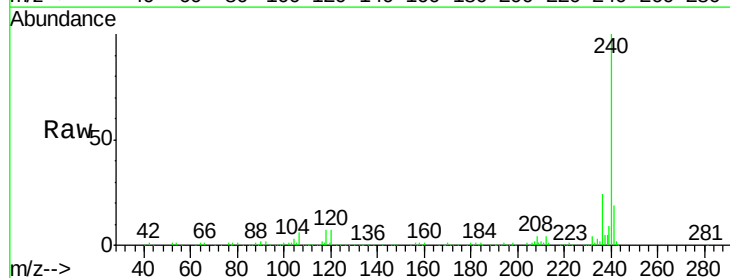
Tgt Ion:228 Resp: 965

Ion Ratio Lower Upper

228 100

226 0.0 22.3 33.5#

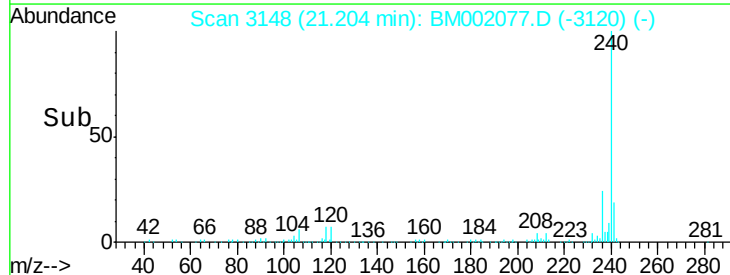
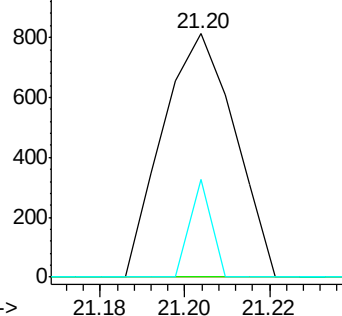
229 40.0 15.5 23.3#

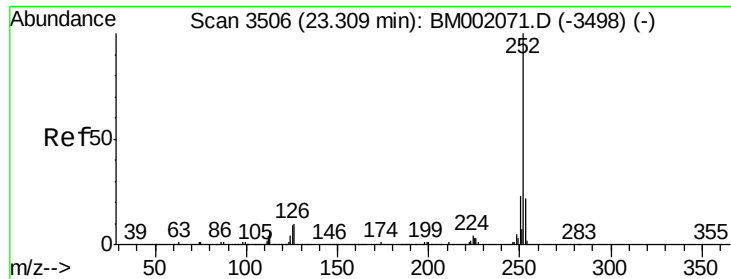


Abundance Ion 228.00 (227.70 to 228.70): E

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: BM002077.D

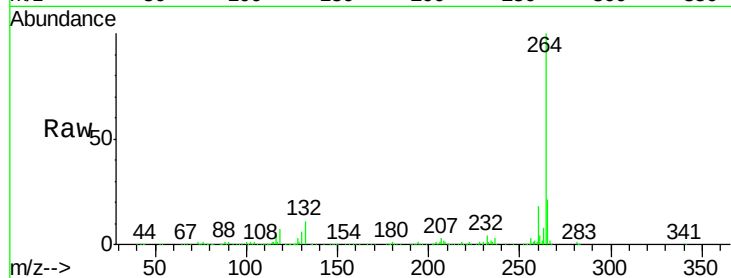
Acq: 28 Jul 2015 01:55

Instrument :

BNA_M

ClientSampleId :

MDL-05-W



Tgt Ion:	252	Resp:	2210
Ion	Ratio	Lower	Upper
252	100		
253	29.1	17.2	25.8#
125	27.3	6.6	10.0#

