

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM072715\
 Data File : BM002078.D
 Acq On : 28 Jul 2015 02:32
 Operator : UM/HP
 Sample : MDL-06-W
 Misc : MDL-WATER-SVOC-4PPM
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 MDL-06-W

Quant Time: Jul 28 05:25:32 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	72794	20.00	ng/ul	0.00
18) Naphthalene-d8	10.39	136	282281	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.26	164	166849	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.01	188	383138	20.00	ng/ul	0.00
78) Chrysene-d12	21.20	240	450989	20.00	ng/ul	0.00
86) Perylene-d12	23.40	264	459279	20.00	ng/ul	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
3) 1,4-Dioxane-d8	3.07	96	8775	6.24	ng/uL	0.00
5) Phenol-d5	6.77	99	160857	30.91	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.94	67	89675	31.16	ng/ul	0.00
9) 2-Chlorophenol-d4	7.13	132	140476	31.85	ng/ul	0.00
13) 4-Methylphenol-d8	8.31	113	129393	31.28	ng/ul	0.00
19) Nitrobenzene-d5	8.76	128	64690	32.24	ng/ul	0.00
22) 2-Nitrophenol-d4	9.47	143	74029	33.20	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.01	165	134563	31.34	ng/ul	0.00
29) 4-Chloroaniline-d4	10.53	131	175444	37.18	ng/ul	0.00
44) Dimethylphthalate-d6	13.67	166	412027	33.71	ng/ul	0.00
47) Acenaphthylene-d8	13.95	160	491402	32.16	ng/ul	0.00
52) 4-Nitrophenol-d4	14.47	143	61527	30.16	ng/ul	0.00
58) Fluorene-d10	15.26	176	356367	33.14	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.39	200	55013	23.47	ng/ul	0.00
71) Anthracene-d10	17.11	188	565902	33.09	ng/ul	0.00
79) Pyrene-d10	19.41	212	631992	33.29	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.26	264	733737	32.95	ng/ul	0.00

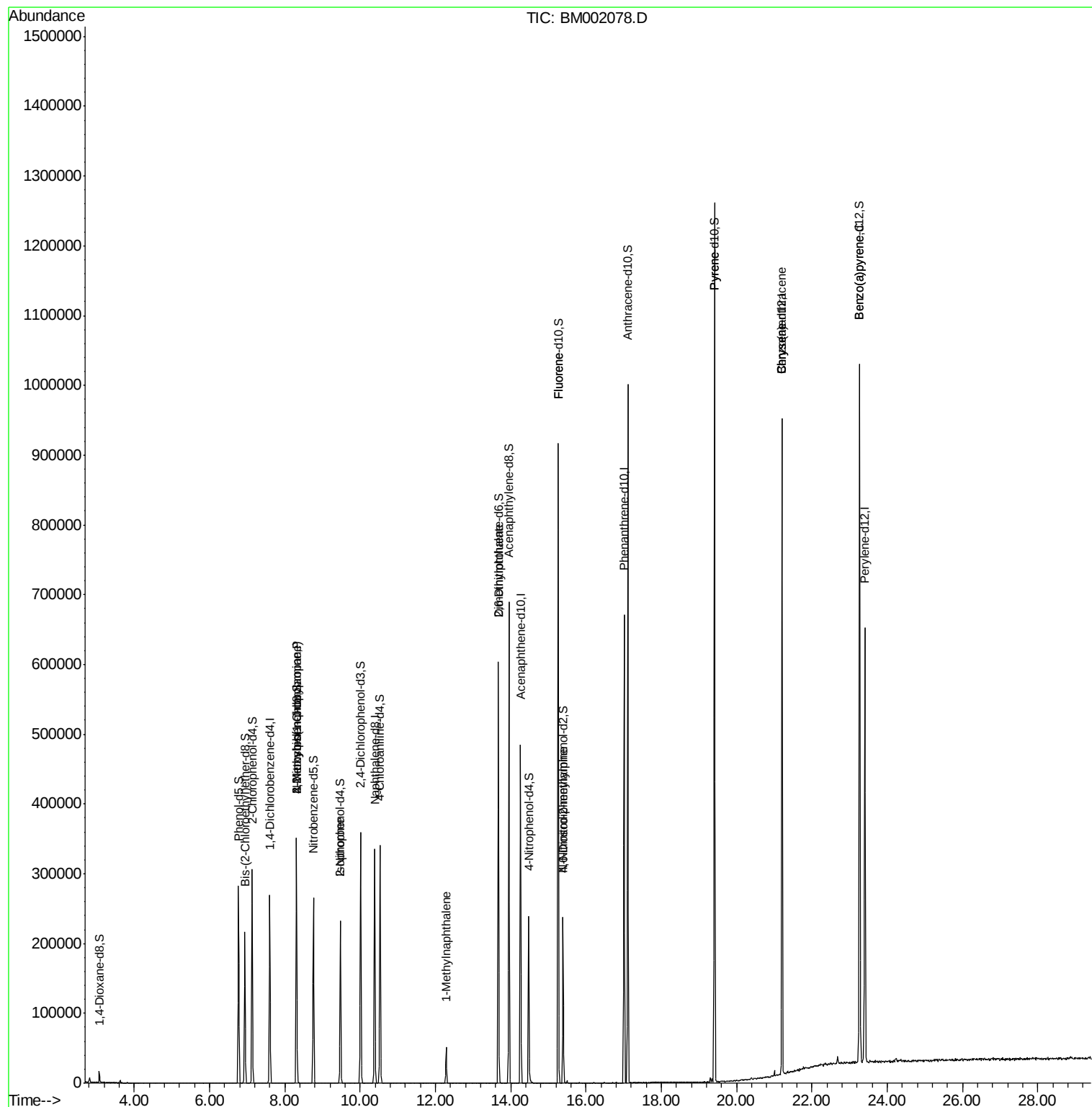
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
12) 2,2'-oxybis(1-Chloropropan	8.30	45	499	0.12	ng/ul#	56
15) N-Nitroso-di-n-propylamine	8.30	70	3203	1.01	ng/ul#	1
21) Isophorone	9.47	82	6197	0.74	ng/ul#	69
35) 1-Methylnaphthalene	12.28	142	25595	2.73	ng/ul	95
46) 2,6-Dinitrotoluene	13.67	165	3016	1.21	ng/ul#	36
59) Fluorene	15.25	166	612	0.05	ng/ul#	10
65) N-Nitrosodiphenylamine	15.39	169	235	0.02	ng/ul#	25
80) Pyrene	19.41	202	687	0.03	ng/ul#	1
83) Benzo(a)anthracene	21.21	228	1013	0.04	ng/ul#	53
85) Chrysene	21.21	228	1013	0.04	ng/ul#	51
91) Benzo(a)pyrene	23.26	252	2231	0.09	ng/ul#	71

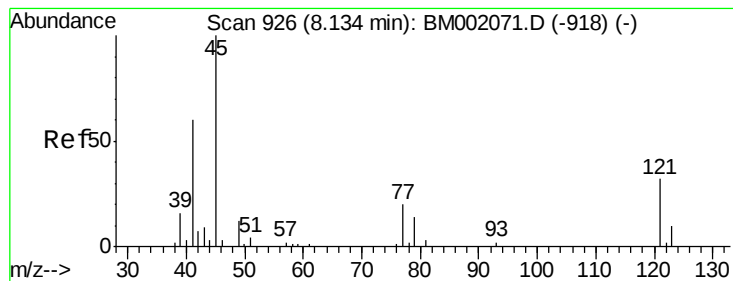
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#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: BM002078.D

Acq: 28 Jul 2015 02:32

Instrument :

BNA_M

ClientSampleId :

MDL-06-W

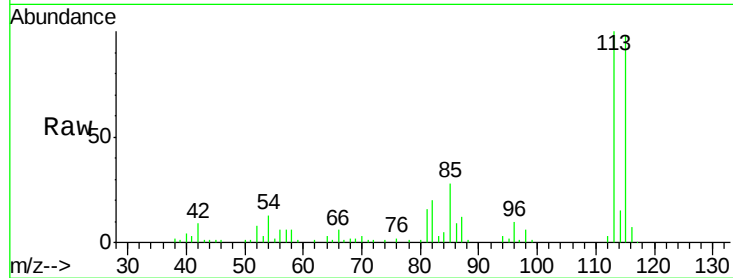
Tgt Ion: 45 Resp: 499

Ion Ratio Lower Upper

45 100

77 0.0 18.0 27.0#

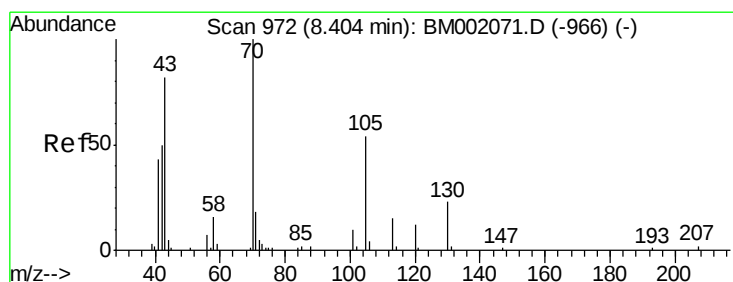
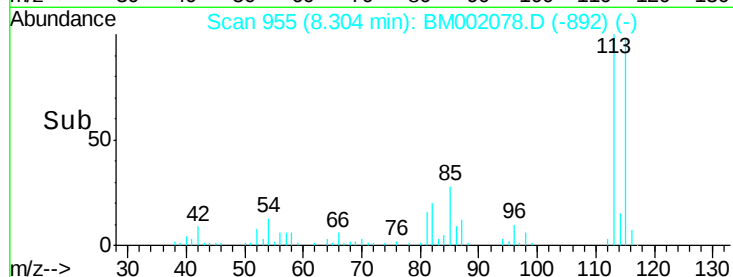
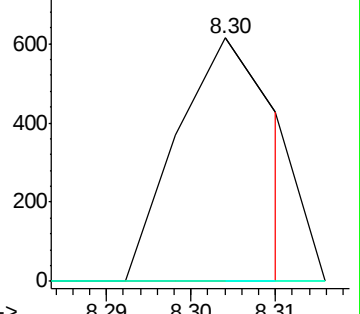
79 0.0 13.9 20.9#



Abundance Ion 45.00 (44.70 to 45.70): BM002071.D (-918) (-)

Ion 77.00 (76.70 to 77.70): BM002071.D (-918) (-)

Ion 79.00 (78.70 to 79.70): BM002071.D (-918) (-)



#15

N-Nitroso-di-n-propylamine

Concen: 1.01 ng/ul

RT: 8.30 min Scan# 955

Delta R.T. -0.10 min

Lab File: BM002078.D

Acq: 28 Jul 2015 02:32

Tgt Ion: 70 Resp: 3203

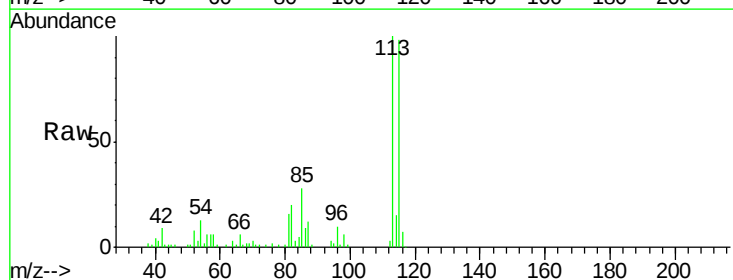
Ion Ratio Lower Upper

70 100

42 344.0 39.2 58.8#

101 0.0 8.6 12.8#

130 0.0 20.2 30.4#

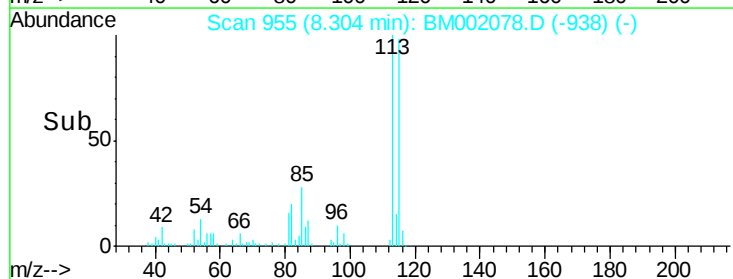
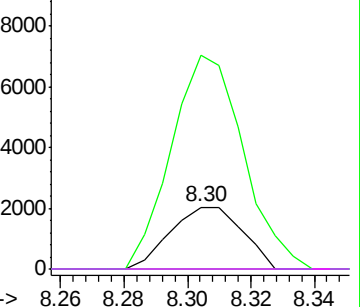


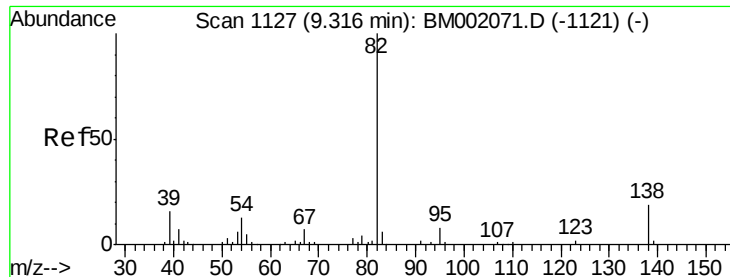
Abundance Ion 70.00 (69.70 to 70.70): BM002071.D (-966) (-)

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) (-)





#21

Isophorone

Concen: 0.74 ng/ul

RT: 9.47 min Scan# 1154

Delta R.T. 0.16 min

Lab File: BM002078.D

Acq: 28 Jul 2015 02:32

Instrument :

BNA_M

ClientSampleId :

MDL-06-W

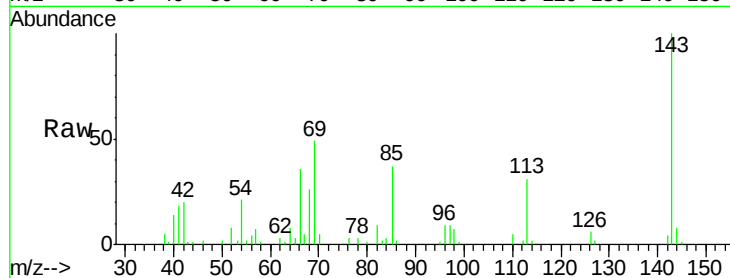
Tgt Ion: 82 Resp: 6197

Ion Ratio Lower Upper

82 100

95 7.1 6.5 9.7

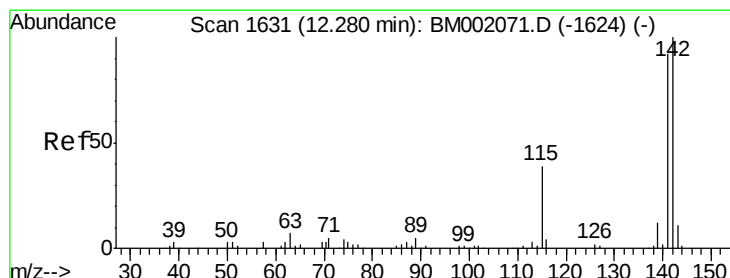
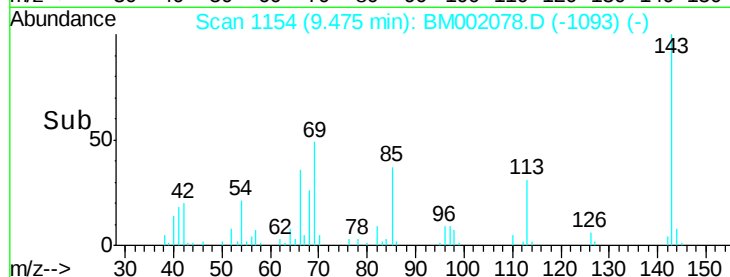
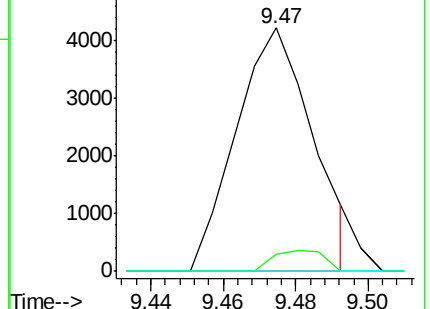
138 0.0 15.4 23.2#



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) (-)



#35

1-Methylnaphthalene

Concen: 2.73 ng/ul

RT: 12.28 min Scan# 1631

Delta R.T. -0.00 min

Lab File: BM002078.D

Acq: 28 Jul 2015 02:32

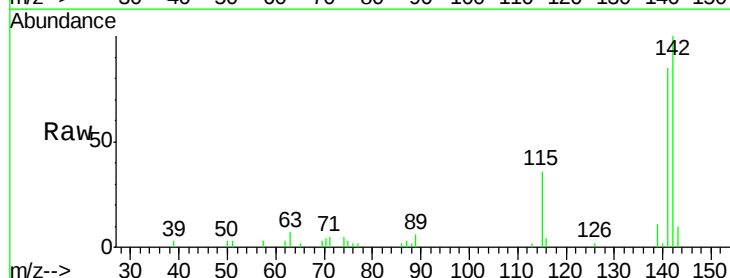
Tgt Ion: 142 Resp: 25595

Ion Ratio Lower Upper

142 100

141 85.4 72.4 108.6

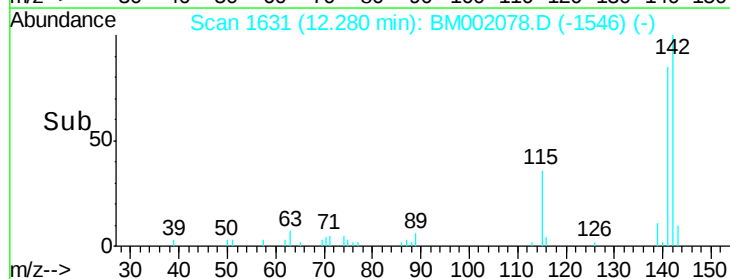
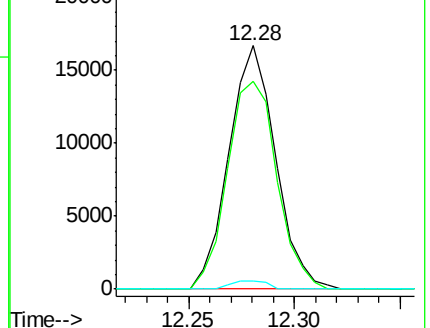
116 3.6 3.2 4.8

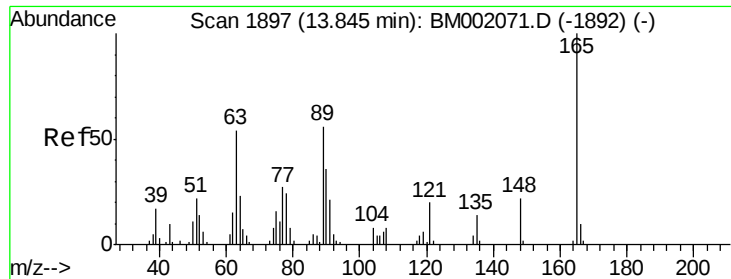


Abundance Ion 142.00 (141.70 to 142.70): BM002071.D (-1624) (-)

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

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

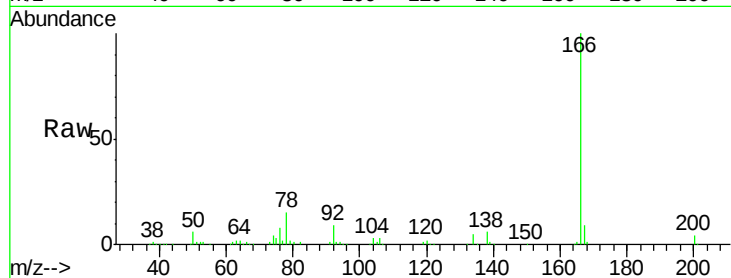




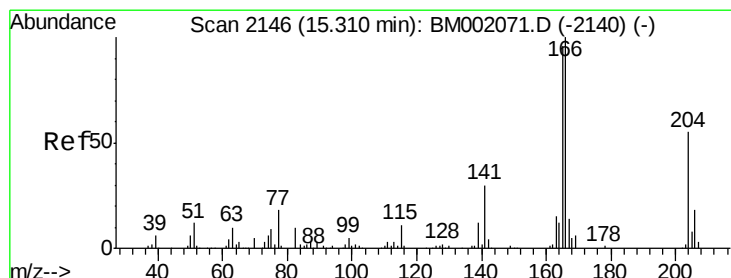
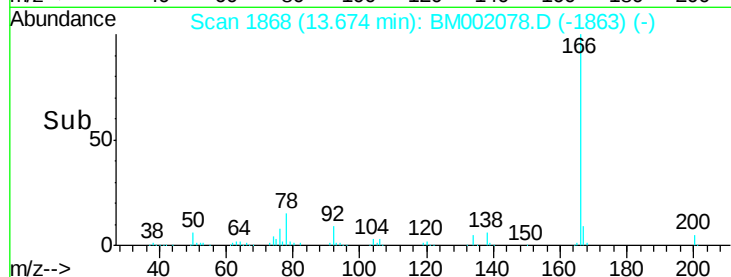
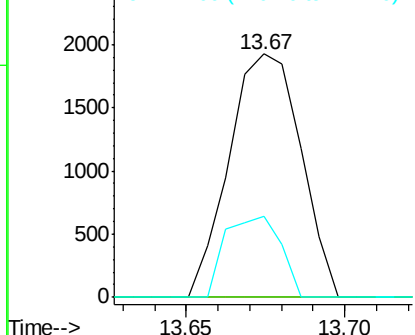
#46
 2,6-Dinitrotoluene
 Concen: 1.21 ng/ul
 RT: 13.67 min Scan# 1868
 Delta R.T. -0.17 min
 Lab File: BM002078.D
 Acq: 28 Jul 2015 02:32

Instrument :
 BNA_M
 ClientSampleId :
 MDL-06-W

Tgt Ion:165 Resp: 3016
 Ion Ratio Lower Upper
 165 100
 89 0.0 42.7 64.1#
 121 33.4 14.8 22.2#

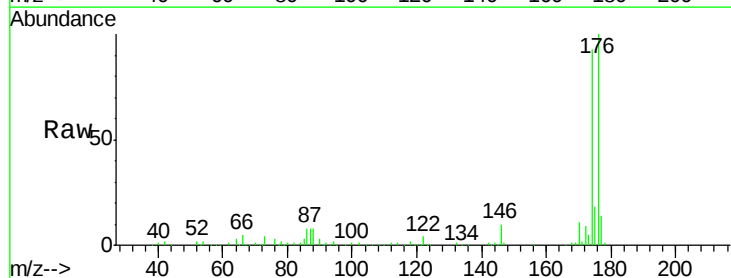


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 89.00 (88.70 to 89.70): BM0
 Ion 121.00 (120.70 to 121.70): E

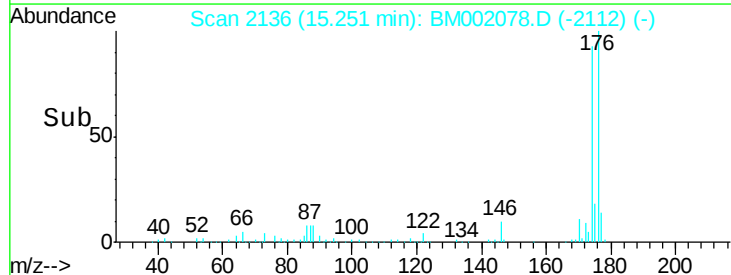
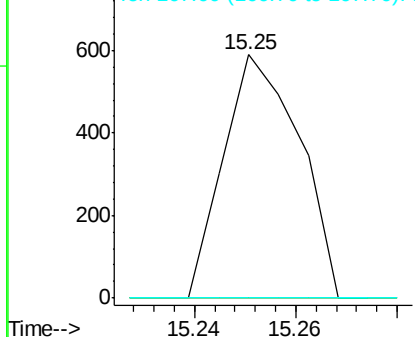


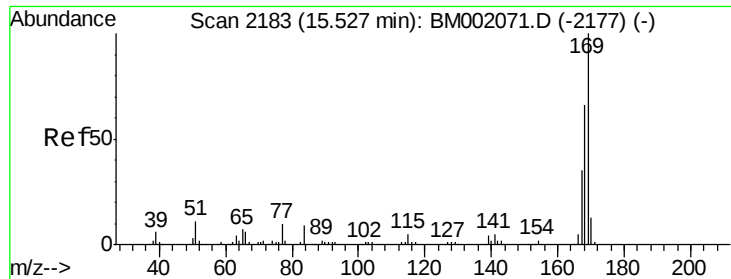
#59
 Fluorene
 Concen: 0.05 ng/ul
 RT: 15.25 min Scan# 2136
 Delta R.T. -0.06 min
 Lab File: BM002078.D
 Acq: 28 Jul 2015 02:32

Tgt Ion:166 Resp: 612
 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: BM002078.D

Acq: 28 Jul 2015 02:32

Instrument :

BNA_M

ClientSampleId :

MDL-06-W

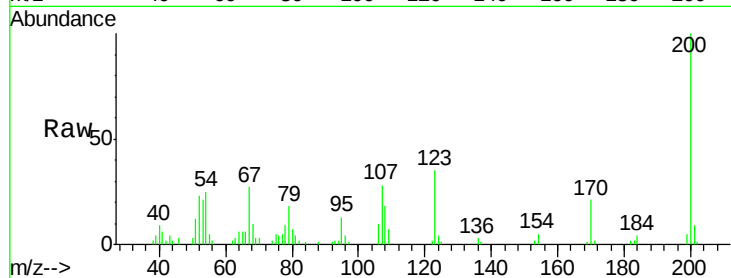
Tgt Ion:169 Resp: 235

Ion Ratio Lower Upper

169 100

168 0.0 52.6 79.0#

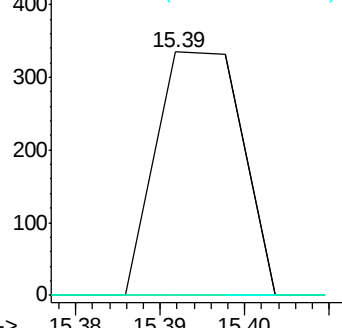
167 0.0 27.8 41.6#



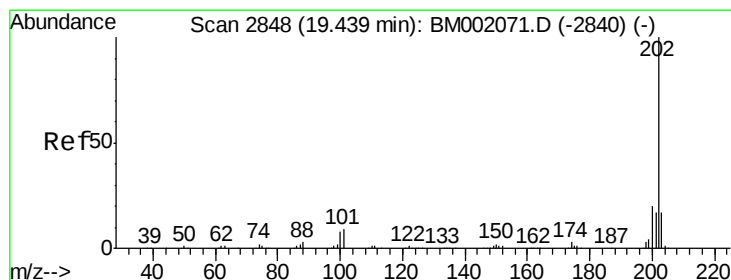
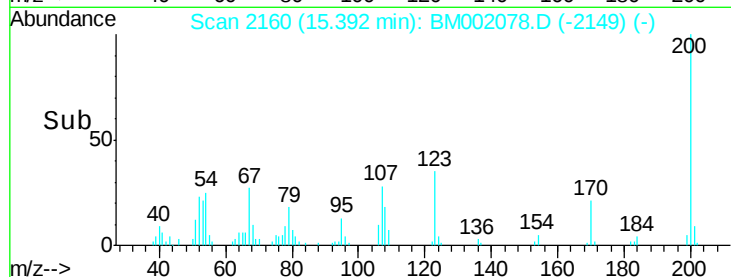
Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



Time-->



#80

Pyrene

Concen: 0.03 ng/ul

RT: 19.41 min Scan# 2843

Delta R.T. -0.03 min

Lab File: BM002078.D

Acq: 28 Jul 2015 02:32

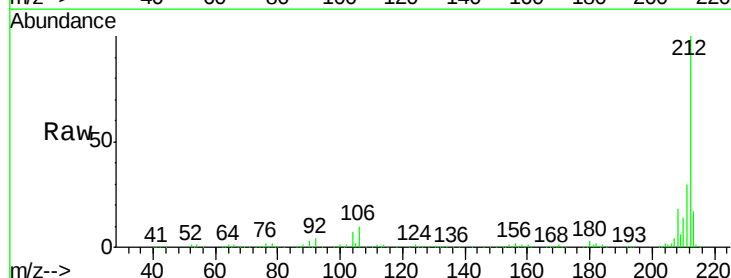
Tgt Ion:202 Resp: 687

Ion Ratio Lower Upper

202 100

101 171.9 7.4 11.2#

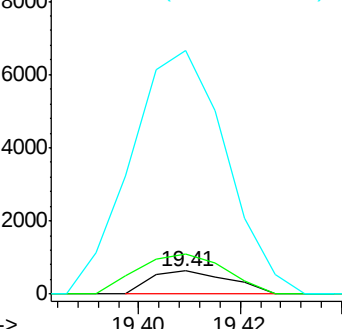
100 1042.6 6.3 9.5#



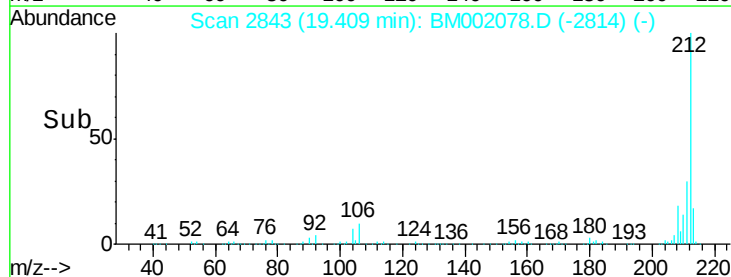
Abundance Ion 202.00 (201.70 to 202.70): E

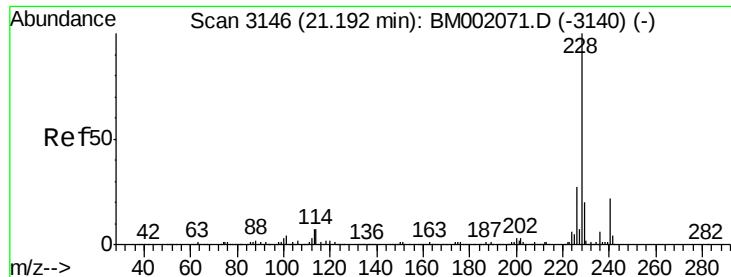
Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B



Time-->





#83

Benzo(a)anthracene

Concen: 0.04 ng/ul

RT: 21.21 min Scan# 3149

Delta R.T. 0.02 min

Lab File: BM002078.D

Acq: 28 Jul 2015 02:32

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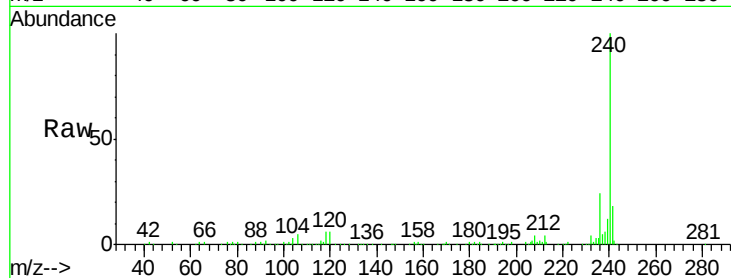
Tgt Ion:228 Resp: 1013

Ion Ratio Lower Upper

228 100

229 0.0 15.4 23.2#

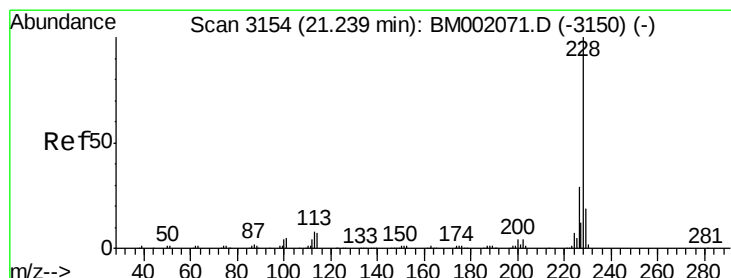
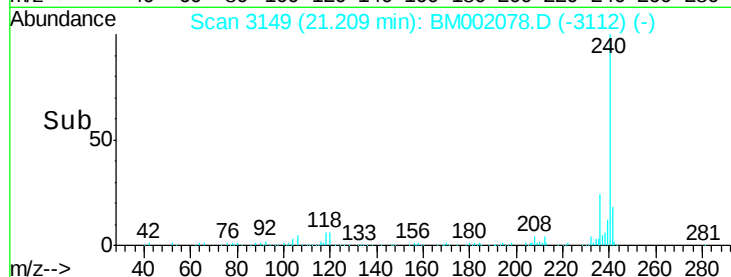
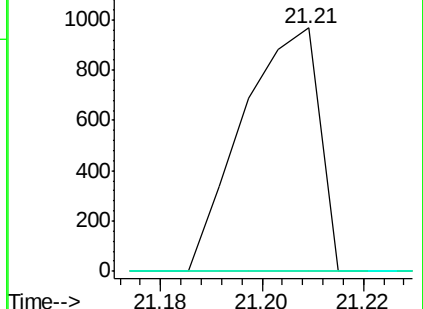
226 0.0 20.5 30.7#



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



#85

Chrysene

Concen: 0.04 ng/ul

RT: 21.21 min Scan# 3149

Delta R.T. -0.03 min

Lab File: BM002078.D

Acq: 28 Jul 2015 02:32

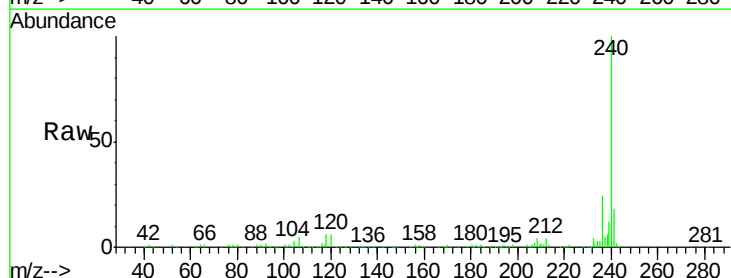
Tgt Ion:228 Resp: 1013

Ion Ratio Lower Upper

228 100

226 0.0 22.3 33.5#

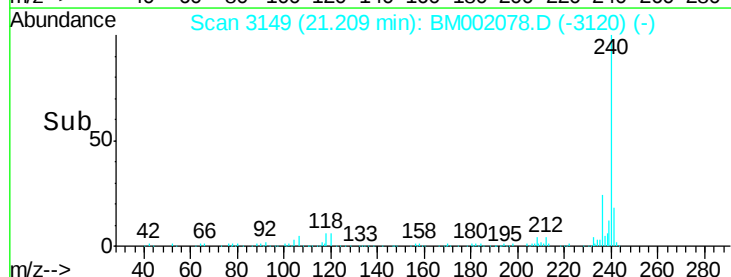
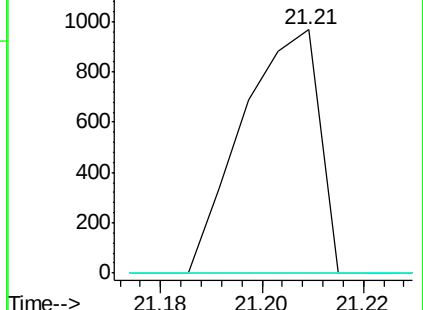
229 0.0 15.5 23.3#

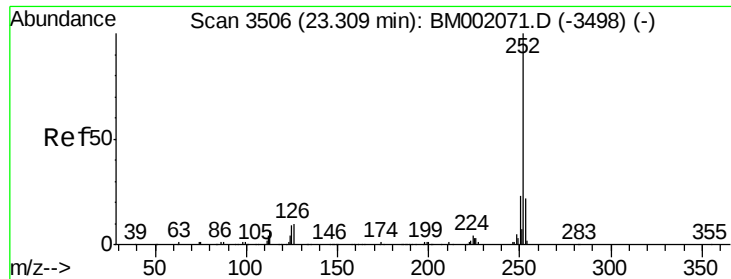


Abundance Ion 228.00 (227.70 to 228.70): E

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: 23.26 min Scan# 3498

Delta R.T. -0.05 min

Lab File: BM002078.D

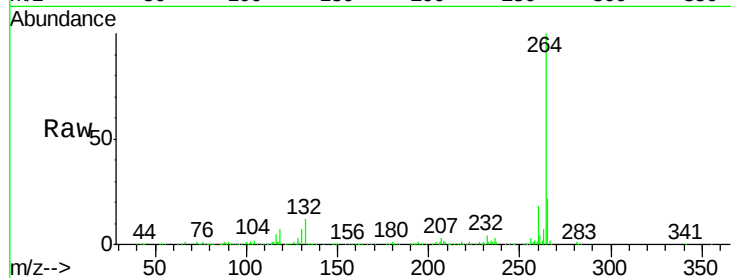
Acq: 28 Jul 2015 02:32

Instrument :

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ClientSampleId :

MDL-06-W



Tgt Ion:	252	Resp:	2231
Ion	Ratio	Lower	Upper
252	100		
253	35.9	17.2	25.8#
125	0.0	6.6	10.0#

