

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM072715\
 Data File : BM002081.D
 Acq On : 28 Jul 2015 04:57
 Operator : UM/HP
 Sample : MDL-01-S-ML
 Misc : MDL-SOIL-SVOC-MED LEVEL-4PPM
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 MDL-01-S-ML

Quant Time: Jul 28 07:20:33 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	51428	20.00	ng/ul	0.00
18) Naphthalene-d8	10.38	136	193492	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.26	164	113002	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.00	188	256320	20.00	ng/ul	0.00
78) Chrysene-d12	21.20	240	297635	20.00	ng/ul	0.00
86) Perylene-d12	23.40	264	307012	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.07	96	5163	5.19	ng/uL	0.00
5) Phenol-d5	6.77	99	97555	26.54	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.93	67	56350	27.72	ng/ul	0.00
9) 2-Chlorophenol-d4	7.13	132	87644	28.12	ng/ul	0.00
13) 4-Methylphenol-d8	8.30	113	79377	27.16	ng/ul	0.00
19) Nitrobenzene-d5	8.76	128	38602	28.07	ng/ul	0.00
22) 2-Nitrophenol-d4	9.47	143	43408	28.40	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.01	165	81159	27.57	ng/ul	0.00
29) 4-Chloroaniline-d4	10.53	131	107450	33.22	ng/ul	0.00
44) Dimethylphthalate-d6	13.67	166	253687	30.65	ng/ul	0.00
47) Acenaphthylene-d8	13.95	160	303345	29.31	ng/ul	0.00
52) 4-Nitrophenol-d4	14.47	143	35124	25.42	ng/ul	0.00
58) Fluorene-d10	15.26	176	219614	30.15	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.39	200	28641	18.27	ng/ul	0.00
71) Anthracene-d10	17.10	188	345334	30.18	ng/ul	0.00
79) Pyrene-d10	19.41	212	381619	30.46	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.26	264	450260	30.25	ng/ul	0.00

Target Compounds

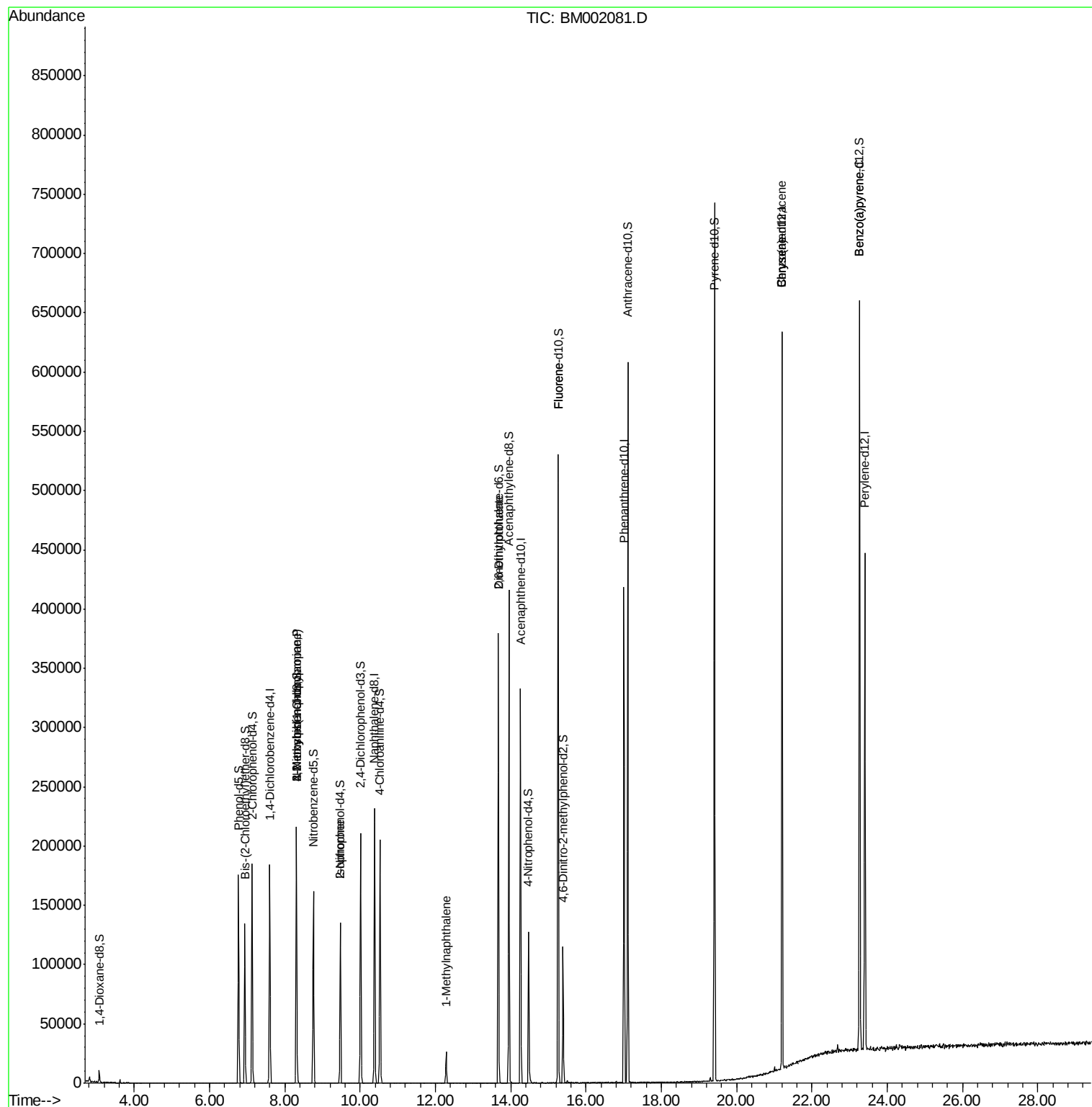
						Qvalue
12) 2,2'-oxybis(1-Chloropropan	8.30	45	231	0.08	ng/ul#	56
15) N-Nitroso-di-n-propylamine	8.30	70	1811	0.81	ng/ul#	1
21) Isophorone	9.47	82	3510	0.61	ng/ul#	63
35) 1-Methylnaphthalene	12.28	142	14899	2.32	ng/ul	95
46) 2,6-Dinitrotoluene	13.67	165	1582	0.94	ng/ul#	34
59) Fluorene	15.26	166	259	0.03	ng/ul#	10
83) Benzo(a)anthracene	21.20	228	560	0.03	ng/ul#	53
85) Chrysene	21.20	228	560	0.04	ng/ul#	51
91) Benzo(a)pyrene	23.27	252	1043	0.06	ng/ul#	57

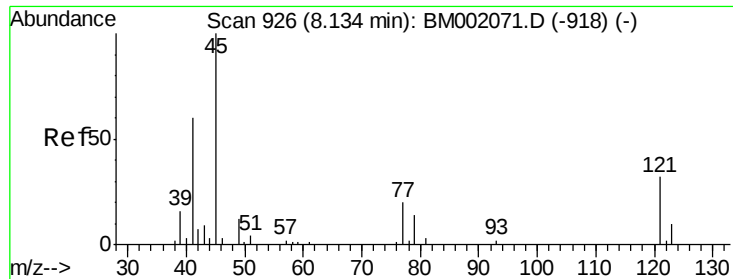
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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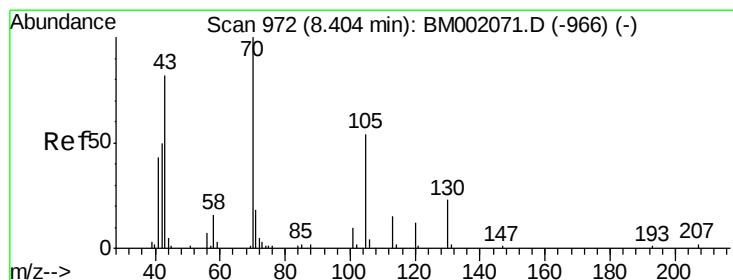
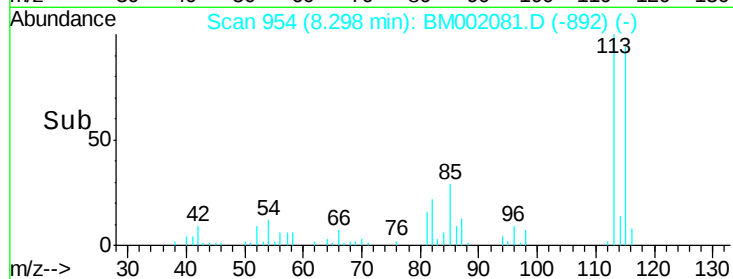
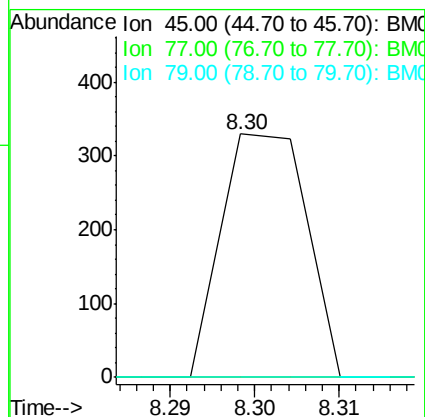
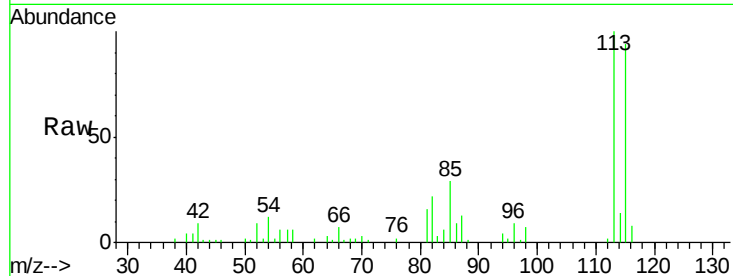




#12
2,2'-oxybis(1-Chloropropane)
Concen: 0.08 ng/ul
RT: 8.30 min Scan# 954
Delta R.T. 0.16 min
Lab File: BM002081.D
Acq: 28 Jul 2015 04:57

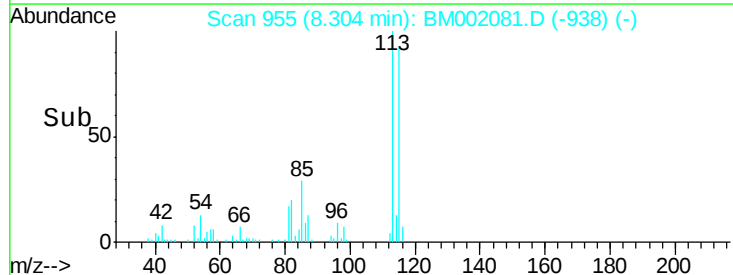
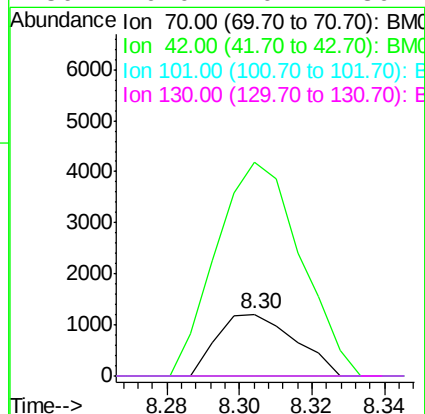
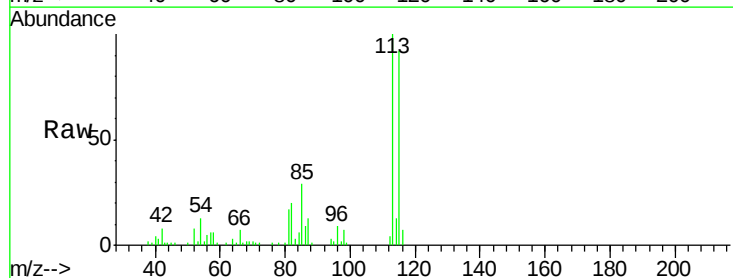
Instrument :
BNA_M
ClientSampleId :
MDL-01-S-ML

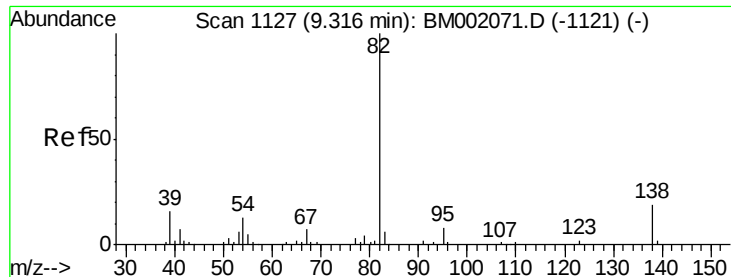
Tgt Ion: 45 Resp: 231
Ion Ratio Lower Upper
45 100
77 0.0 18.0 27.0#
79 0.0 13.9 20.9#



#15
N-Nitroso-di-n-propylamine
Concen: 0.81 ng/ul
RT: 8.30 min Scan# 955
Delta R.T. -0.10 min
Lab File: BM002081.D
Acq: 28 Jul 2015 04:57

Tgt Ion: 70 Resp: 1811
Ion Ratio Lower Upper
70 100
42 344.8 39.2 58.8#
101 0.0 8.6 12.8#
130 0.0 20.2 30.4#





#21

Isophorone

Concen: 0.61 ng/ul

RT: 9.47 min Scan# 1154

Delta R.T. 0.16 min

Lab File: BM002081.D

Acq: 28 Jul 2015 04:57

Instrument :

BNA_M

ClientSampleId :

MDL-01-S-ML

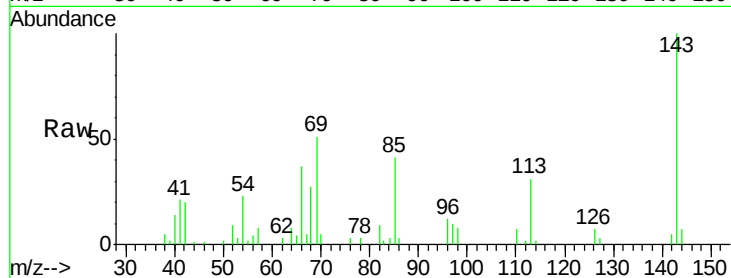
Tgt Ion: 82 Resp: 3510

Ion Ratio Lower Upper

82 100

95 0.0 6.5 9.7#

138 0.0 15.4 23.2#

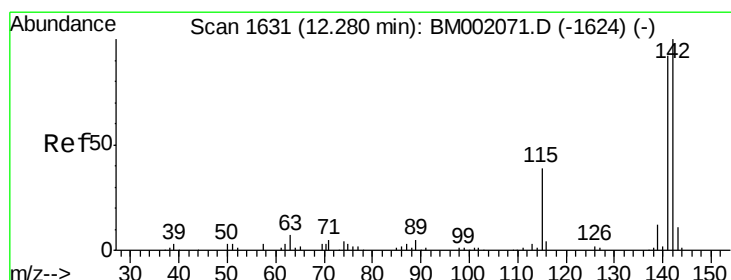
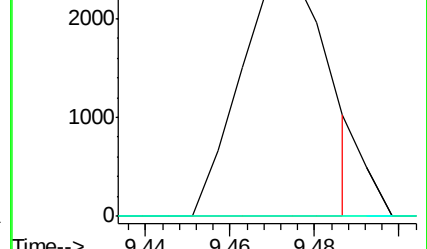
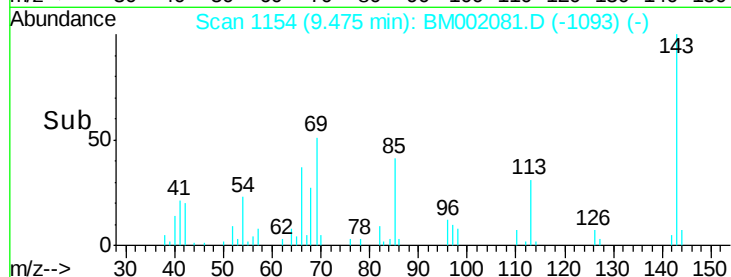


Abundance Ion 82.00 (81.70 to 82.70): BM002071.D (-1121) (-)

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: 2.32 ng/ul

RT: 12.28 min Scan# 1631

Delta R.T. 0.00 min

Lab File: BM002081.D

Acq: 28 Jul 2015 04:57

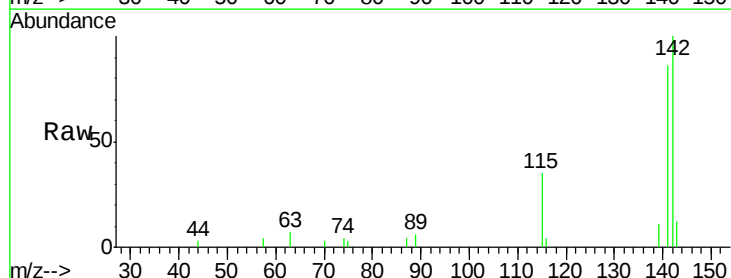
Tgt Ion: 142 Resp: 14899

Ion Ratio Lower Upper

142 100

141 85.8 72.4 108.6

116 3.8 3.2 4.8

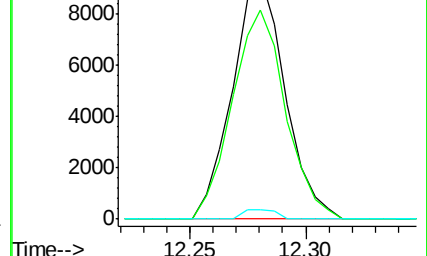
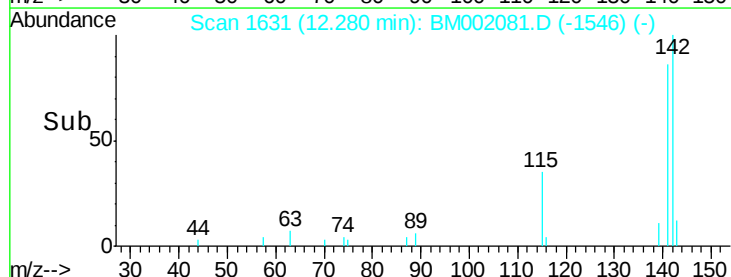


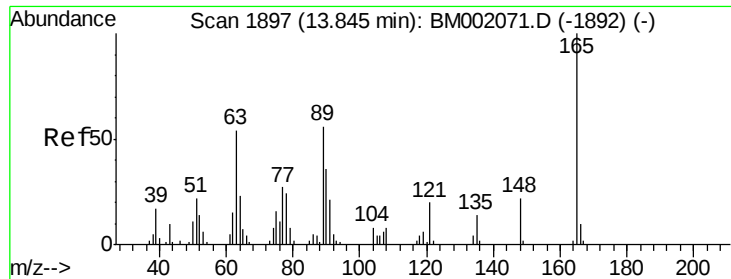
Abundance Ion 142.00 (141.70 to 142.70): BM002071.D (-1624) (-)

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

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

Time-->

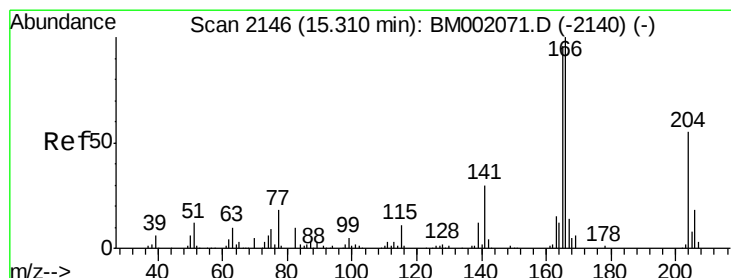
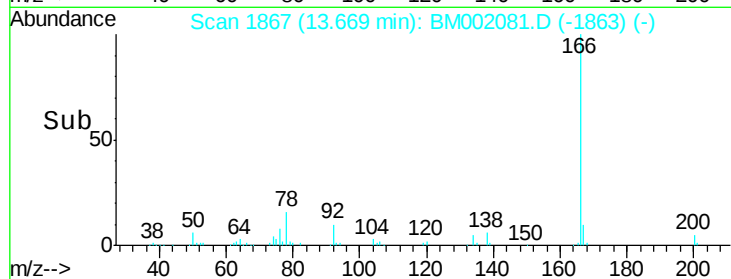
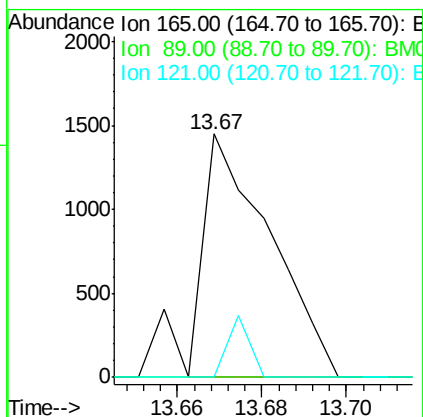
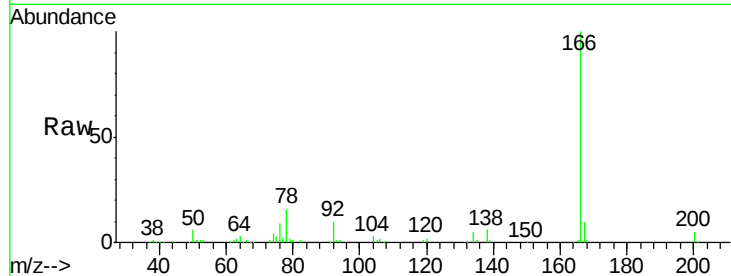




#46
2,6-Dinitrotoluene
Concen: 0.94 ng/ul
RT: 13.67 min Scan# 1867
Delta R.T. -0.18 min
Lab File: BM002081.D
Acq: 28 Jul 2015 04:57

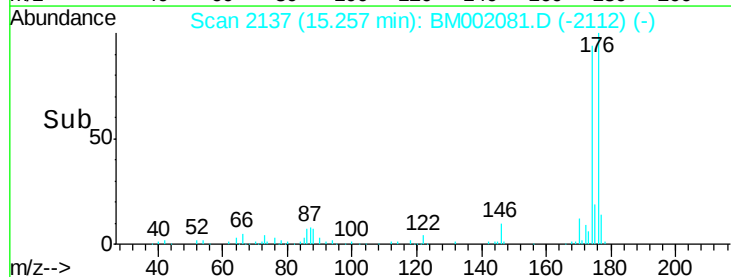
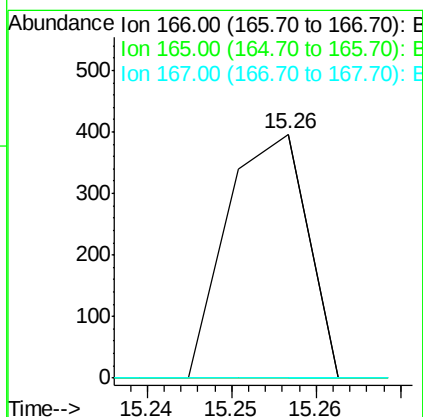
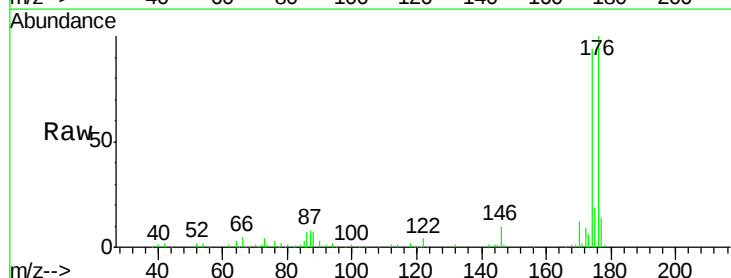
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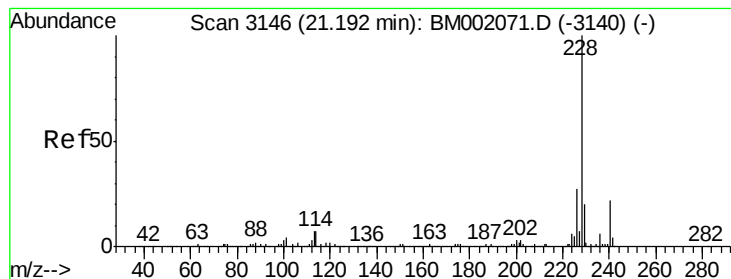
Tgt Ion:165 Resp: 1582
Ion Ratio Lower Upper
165 100
89 0.0 42.7 64.1#
121 0.0 14.8 22.2#



#59
Fluorene
Concen: 0.03 ng/ul
RT: 15.26 min Scan# 2137
Delta R.T. -0.05 min
Lab File: BM002081.D
Acq: 28 Jul 2015 04:57

Tgt Ion:166 Resp: 259
Ion Ratio Lower Upper
166 100
165 0.0 75.6 113.4#
167 0.0 10.5 15.7#





#83

Benzo(a)anthracene

Concen: 0.03 ng/ul

RT: 21.20 min Scan# 3148

Delta R.T. 0.01 min

Lab File: BM002081.D

Acq: 28 Jul 2015 04:57

Instrument :

BNA_M

ClientSampleId :

MDL-01-S-ML

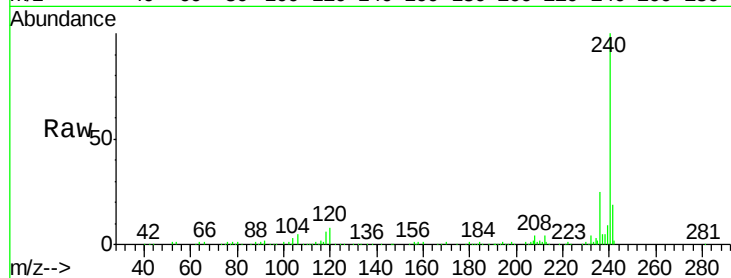
Tgt Ion:228 Resp: 560

Ion Ratio Lower Upper

228 100

229 0.0 15.4 23.2#

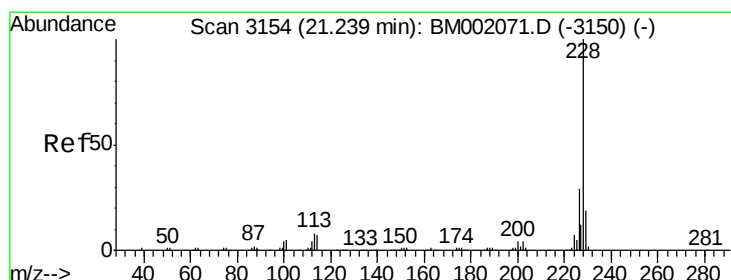
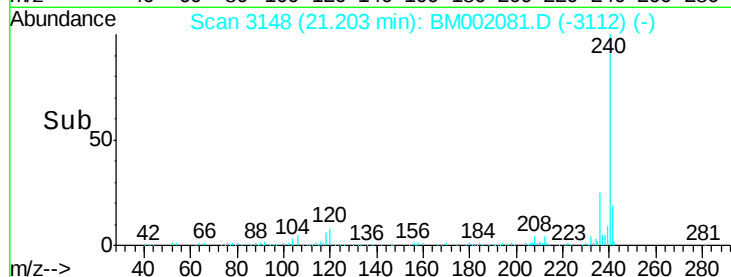
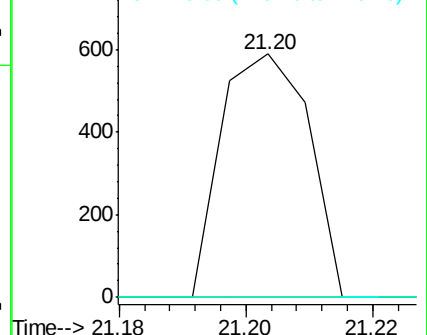
226 0.0 20.5 30.7#



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: 21.20 min Scan# 3148

Delta R.T. -0.04 min

Lab File: BM002081.D

Acq: 28 Jul 2015 04:57

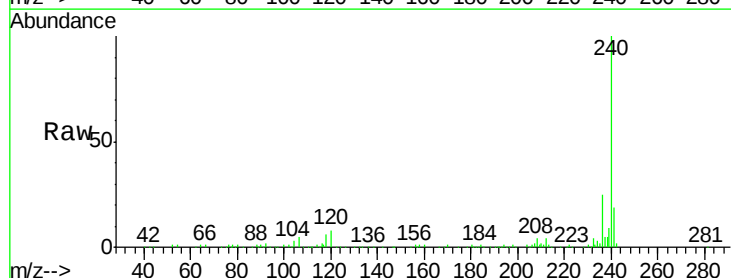
Tgt Ion:228 Resp: 560

Ion Ratio Lower Upper

228 100

226 0.0 22.3 33.5#

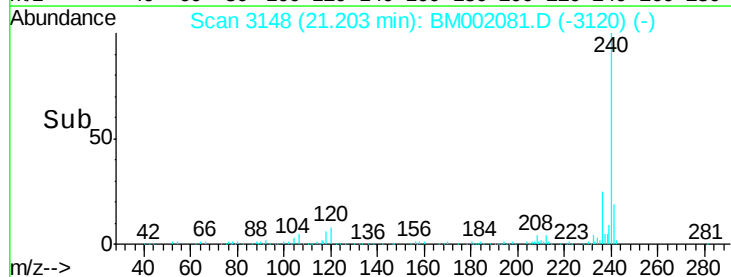
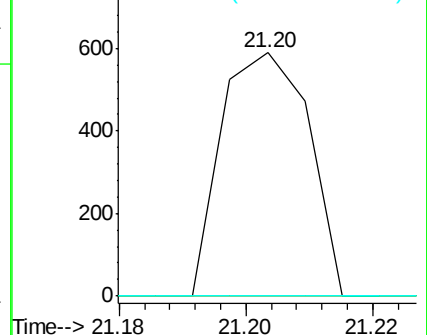
229 0.0 15.5 23.3#

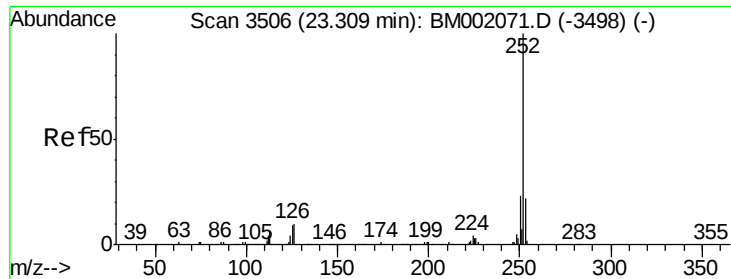


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#91

Benzo(a)pyrene

Concen: 0.06 ng/ul

RT: 23.27 min Scan# 3499

Delta R.T. -0.04 min

Lab File: BM002081.D

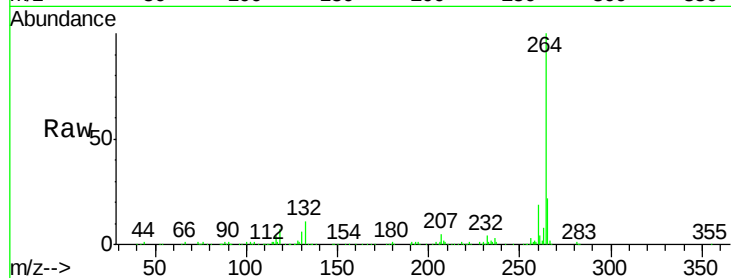
Acq: 28 Jul 2015 04:57

Instrument :

BNA_M

ClientSampleId :

MDL-01-S-ML



Tgt Ion:	252	Resp:	1043
Ion Ratio	Lower	Upper	
252	100		
253	45.2	17.2	25.8#
125	0.0	6.6	10.0#

