

Data Path : Z:\HPCHEM1\BNA M\DATA\BM112017\
 Data File : BM013073.D
 Acq On : 21 Nov 2017 08:51
 Operator : SJ/JU
 Sample : I6405-09
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Nov 21 14:01:42 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM111617.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Nov 21 07:39:32 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	253944	20.00	ng/ul	0.00
18) Naphthalene-d8	10.49	136	993704	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.36	164	521002	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.10	188	1052322	20.00	ng/ul	0.00
75) Chrysene-d12	21.28	240	1004076	20.00	ng/ul	0.00
83) Perylene-d12	23.51	264	1004583	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.25	96	32892	6.00	ng/uL	0.00
5) Phenol-d5	6.90	99	126170	5.74	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	7.05	67	349592	28.01	ng/ul	0.00
9) 2-Chlorophenol-d4	7.25	132	404485	23.01	ng/ul	0.00
13) 4-Methylphenol-d8	8.43	113	243981	13.54	ng/ul	0.00
19) Nitrobenzene-d5	8.87	128	244861	34.57	ng/ul	0.00
22) 2-Nitrophenol-d4	9.58	143	279021	41.42	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.13	165	450588	26.35	ng/ul	0.01
29) 4-Chloroaniline-d4	10.65	131	1909	0.11	ng/ul	0.01
43) Dimethylphthalate-d6	13.77	166	1296630	28.37	ng/ul	0.00
46) Acenaphthylene-d8	14.05	160	1650138	28.34	ng/ul	0.00
51) 4-Nitrophenol-d4	14.55	143	719	0.10	ng/ul	-0.01
57) Fluorene-d10	15.35	176	1099116	28.30	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.47	200	163778	35.89	ng/ul	0.00
70) Anthracene-d10	17.20	188	1566187	29.07	ng/ul	0.00
76) Pyrene-d10	19.49	212	1582272	30.85	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.37	264	1504307	29.53	ng/ul	0.00

Target Compounds

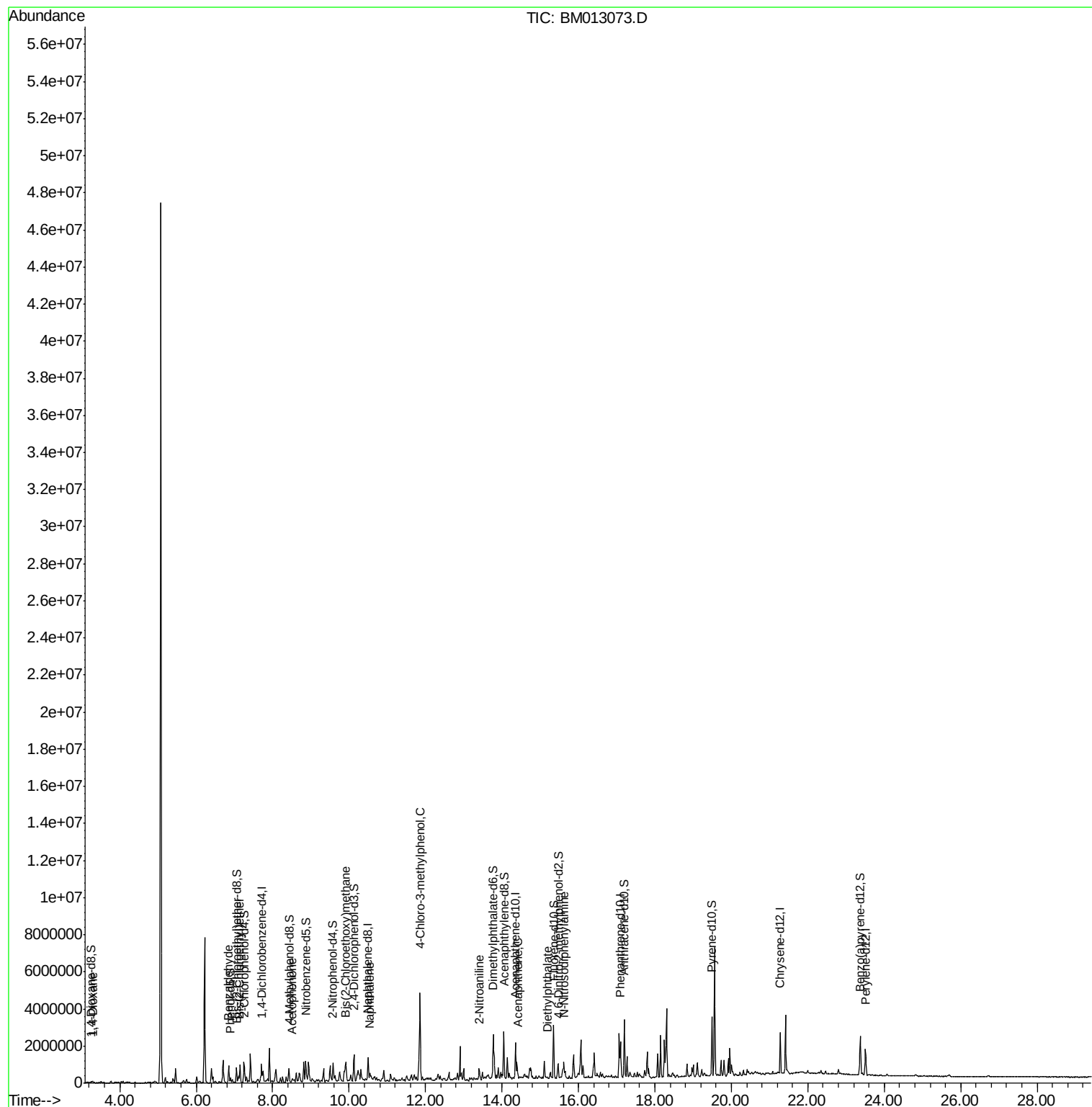
					Ovalue	
2) 1,4-Dioxane	3.29	88	42053	6.982	ng/uL#	63
4) Benzaldehyde	6.85	77	49686	4.191	ng/ul#	15
8) Bis(2-Chloroethyl)ether	7.15	93	474355	29.020	ng/ul	98
14) Acetophenone	8.52	105	96703	3.502	ng/ul#	27
25) Bis(2-Chloroethoxy)methane	9.92	93	24958	1.200	ng/ul#	1
28) Naphthalene	10.55	128	207069	4.044	ng/ul	98
33) 4-Chloro-3-methylphenol	11.86	107	1075409	63.538	ng/ul#	21
42) 2-Nitroaniline	13.40	65	20836	2.820	ng/ul#	18
49) Acenaphthene	14.42	153	41281	1.145	ng/ul	94
56) Diethylphthalate	15.19	149	47291	1.070	ng/ul	96
64) N-Nitrosodiphenylamine	15.62	169	292410	8.851	ng/ul	99

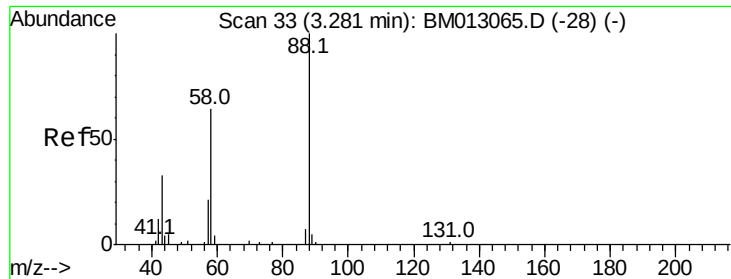
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#2

1,4-Dioxane

Concen: 6.982 ng/uL

RT: 3.29 min Scan# 34

Delta R.T. 0.01 min

Lab File: BM013073.D

Acq: 21 Nov 2017 08:51

Instrument :

BNA_M

ClientSampleId :

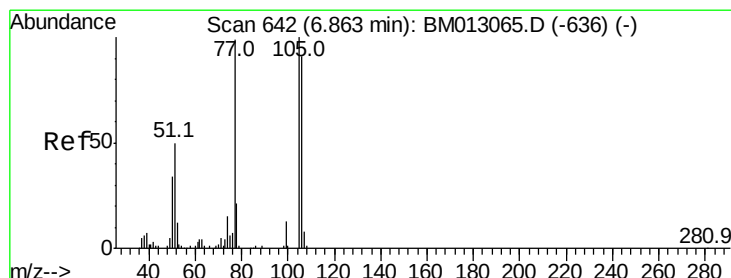
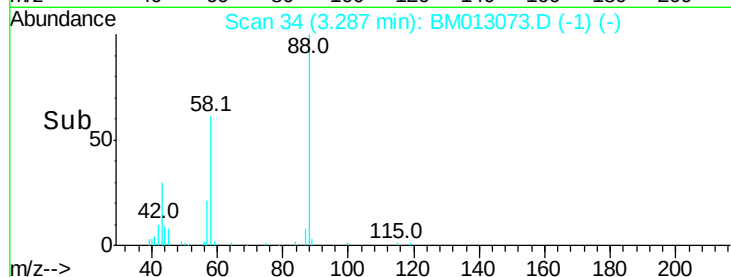
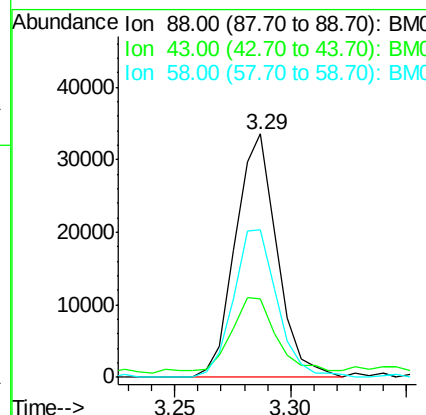
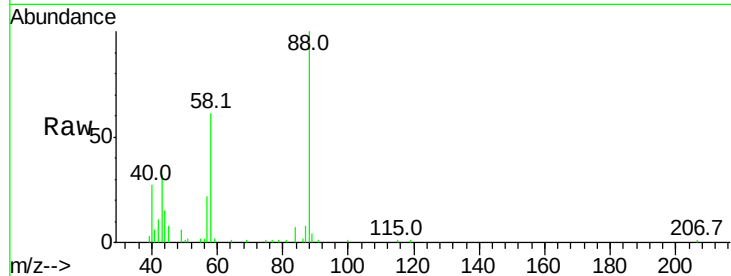
Tot Ion: 88 Resp: 42053

Ion Ratio Lower Upper

88 100

43 31.4 48.0 72.0#

58 63.5 80.0 120.0#



#4

Benzaldehyde

Concen: 4.191 ng/uL

RT: 6.85 min Scan# 639

Delta R.T. -0.02 min

Lab File: BM013073.D

Acq: 21 Nov 2017 08:51

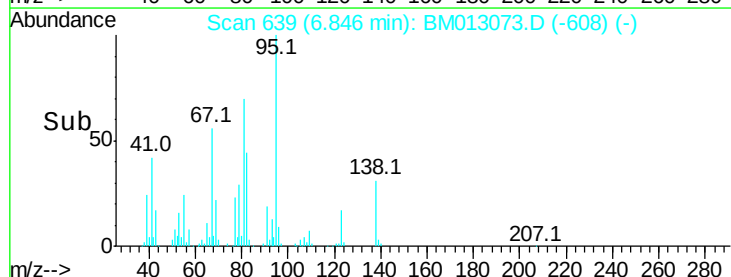
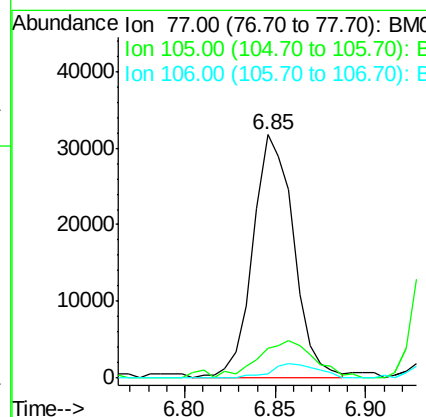
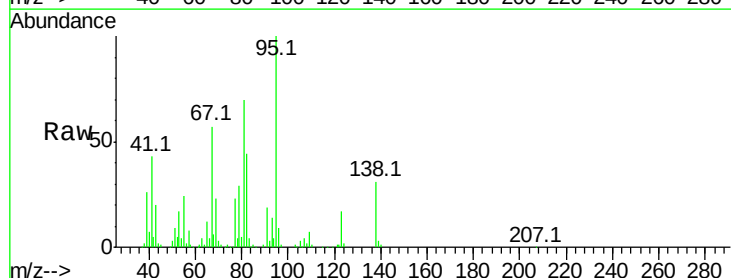
Tgt Ion: 77 Resp: 49686

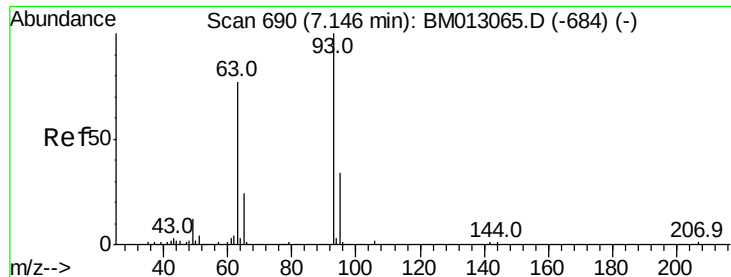
Ion Ratio Lower Upper

77 100

105 12.5 66.1 99.1#

106 1.7 67.8 101.6#



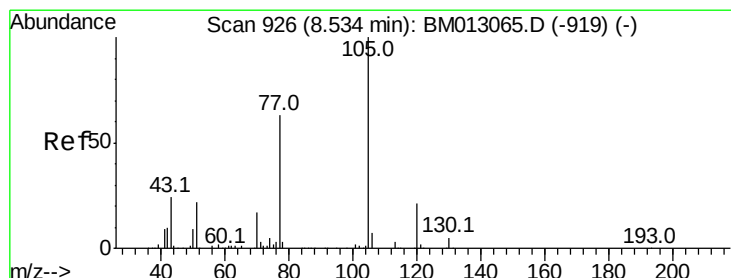
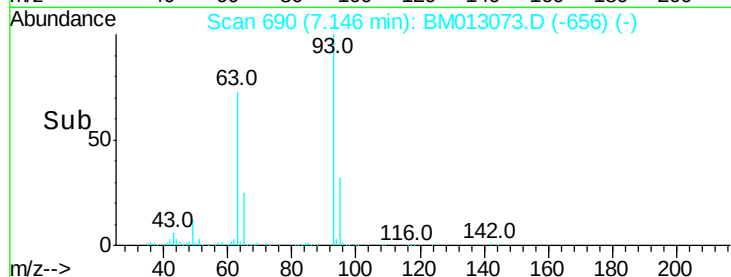
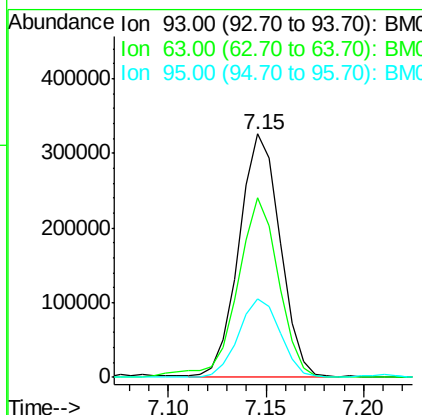
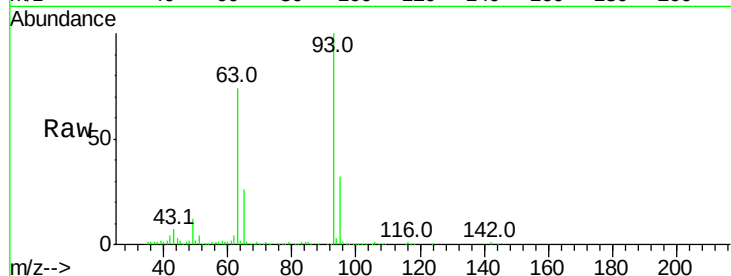


#8

Bis(2-Chloroethyl)ether
 Concen: 29.020 ng/ul
 RT: 7.15 min Scan# 690
 Delta R.T. 0.00 min
 Lab File: BM013073.D
 Acq: 21 Nov 2017 08:51

Instrument :
 BNA_M
 ClientSampled :

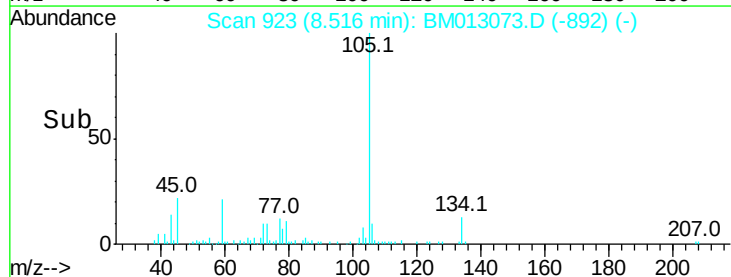
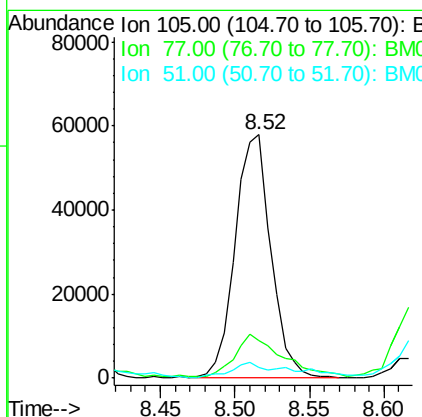
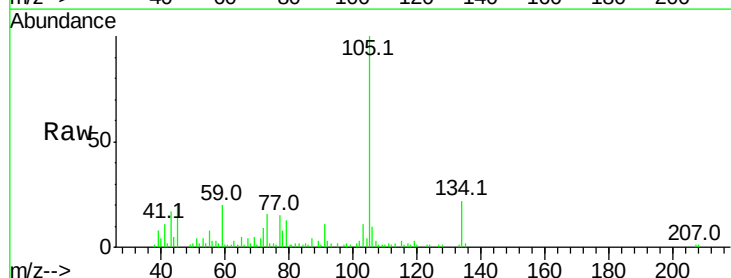
Tot Ion	Ratio	Lower	Upper
93	100		
63	73.5	57.3	85.9
95	32.4	26.6	39.8

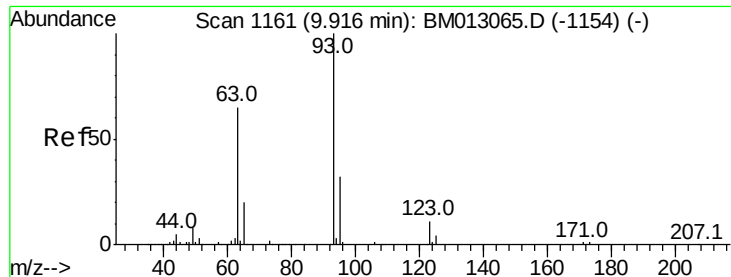


#14

Acetophenone
 Concen: 3.502 ng/ul
 RT: 8.52 min Scan# 923
 Delta R.T. -0.02 min
 Lab File: BM013073.D
 Acq: 21 Nov 2017 08:51

Tgt Ion	Ratio	Lower	Upper
105	100		
77	15.5	74.2	111.4#
51	4.3	23.4	35.2#





#25

Bis(2-Chloroethoxy)methane

Concen: 1.200 ng/ul

RT: 9.92 min Scan# 1161

Delta R.T. 0.00 min

Lab File: BM013073.D

Acq: 21 Nov 2017 08:51

Instrument :

BNA_M

ClientSampleId :

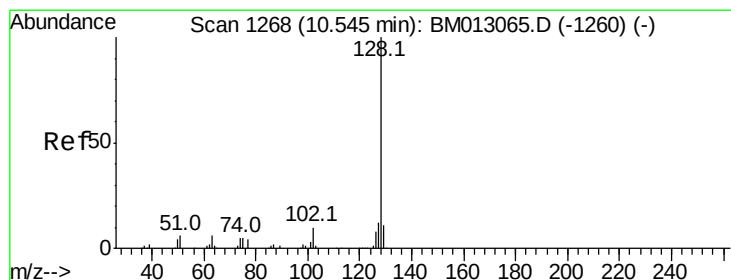
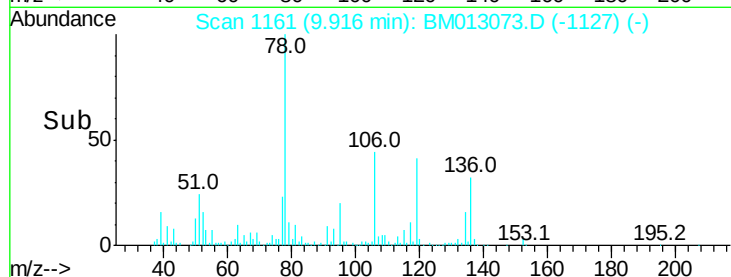
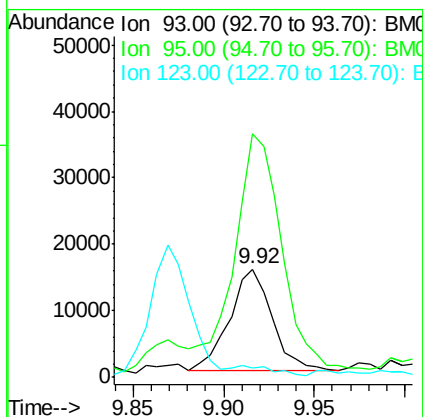
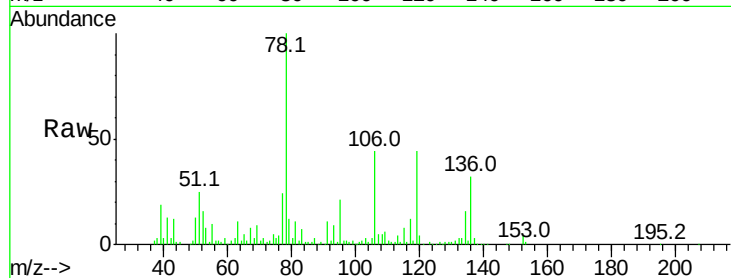
Tot Ion: 93 Resp: 24958

Ion	Ratio	Lower	Upper
93	100		
95	224.5	28.5	42.7#
123	9.2	8.9	13.3

93 100

95 224.5 28.5 42.7#

123 9.2 8.9 13.3



#28

Naphthalene

Concen: 4.044 ng/ul

RT: 10.55 min Scan# 1268

Delta R.T. 0.00 min

Lab File: BM013073.D

Acq: 21 Nov 2017 08:51

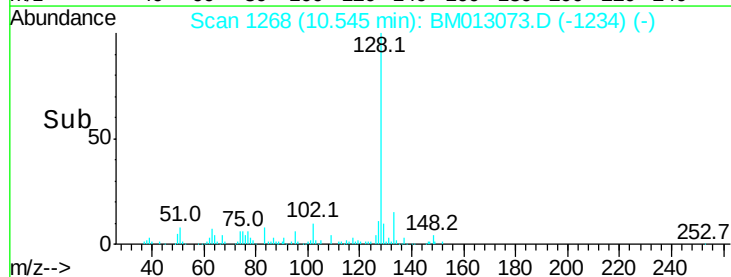
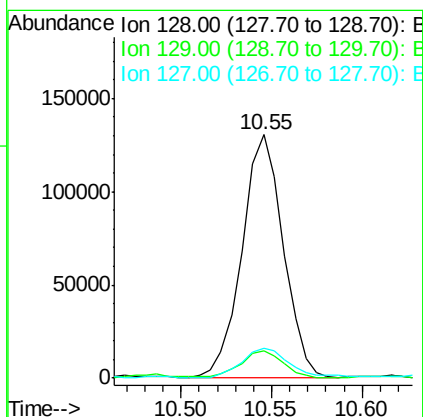
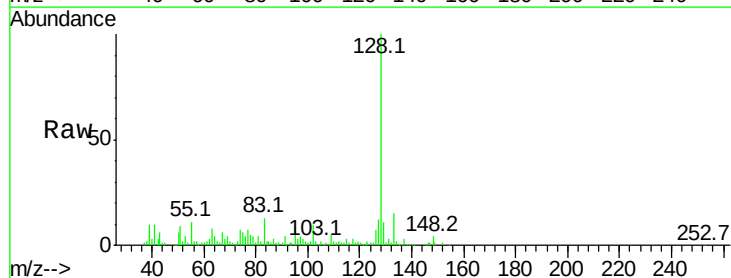
Tgt Ion: 128 Resp: 207069

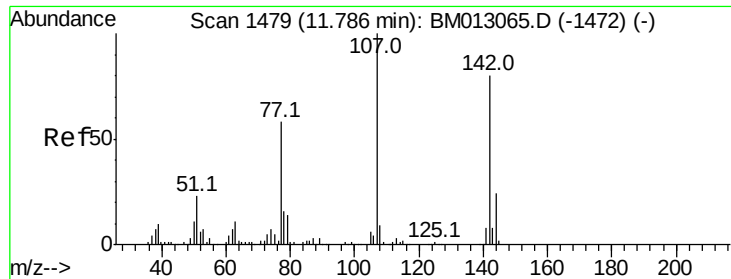
Ion	Ratio	Lower	Upper
128	100		
129	11.0	8.8	13.2
127	12.1	10.6	16.0

128 100

129 11.0 8.8 13.2

127 12.1 10.6 16.0

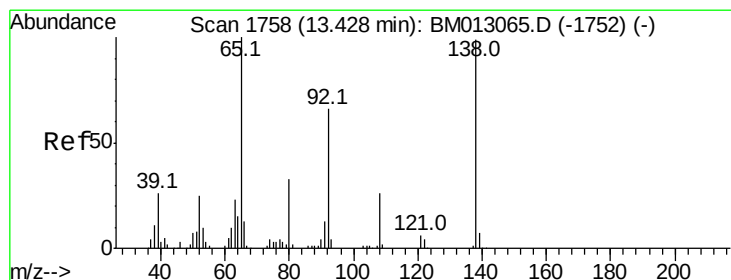
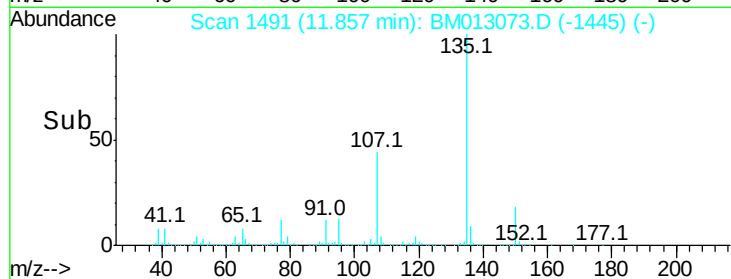
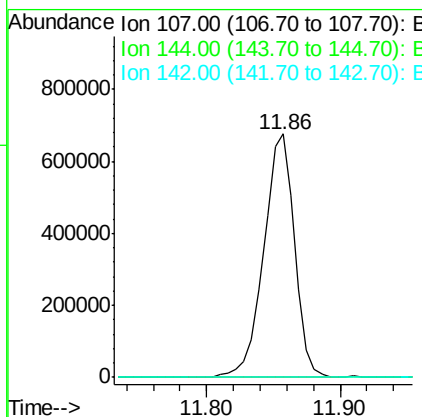
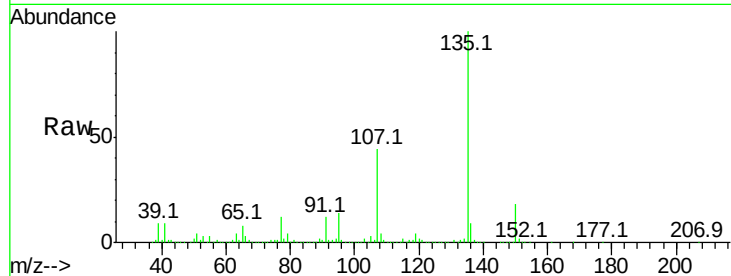




#33
 4-Chloro-3-methylphenol
 Concen: 63.538 ng/ul
 RT: 11.86 min Scan# 1491
 Delta R.T. 0.07 min
 Lab File: BM013073.D
 Acq: 21 Nov 2017 08:51

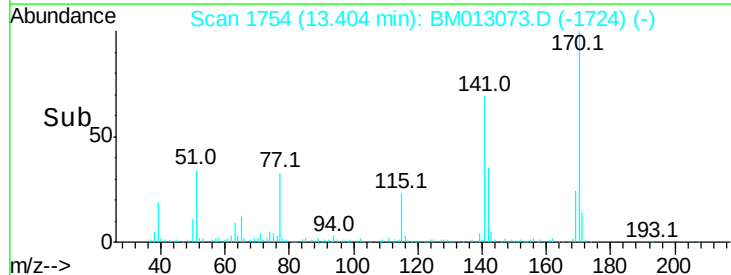
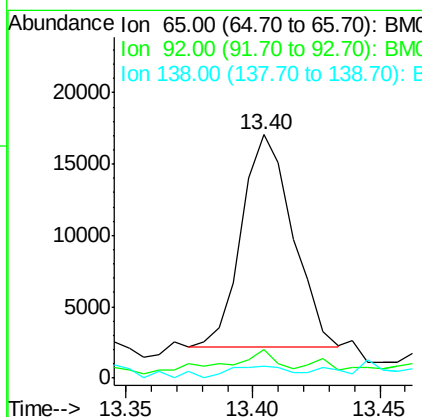
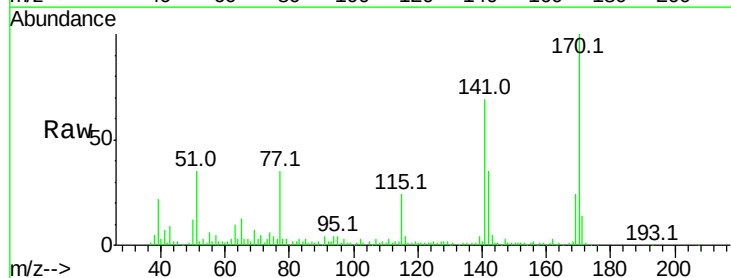
Instrument :
 BNA_M
 ClientSampled :

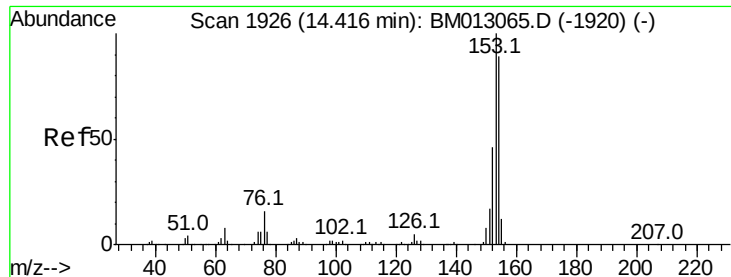
Tot Ion:107 Resp: 1075409
 Ion Ratio Lower Upper
 107 100
 144 0.0 20.4 30.6#
 142 0.0 60.5 90.7#



#42
 2-Nitroaniline
 Concen: 2.820 ng/ul
 RT: 13.40 min Scan# 1754
 Delta R.T. -0.02 min
 Lab File: BM013073.D
 Acq: 21 Nov 2017 08:51

Tgt Ion: 65 Resp: 20836
 Ion Ratio Lower Upper
 65 100
 92 11.9 51.8 77.6#
 138 4.7 74.2 111.4#





#49

Acenaphthene

Concen: 1.145 ng/ul

RT: 14.42 min Scan# 1926

Delta R.T. 0.00 min

Lab File: BM013073.D

Acq: 21 Nov 2017 08:51

Instrument :

BNA_M

ClientSampleId :

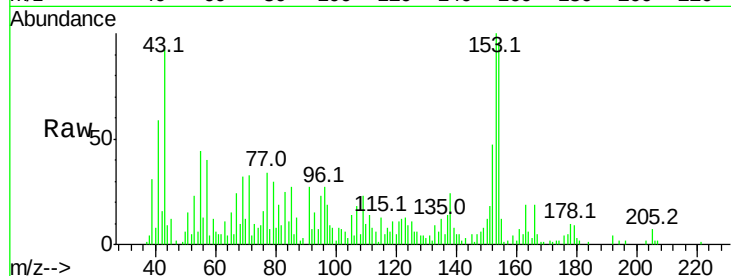
Tot Ion:153 Resp: 41281

Ion Ratio Lower Upper

153 100

152 46.9 37.6 56.4

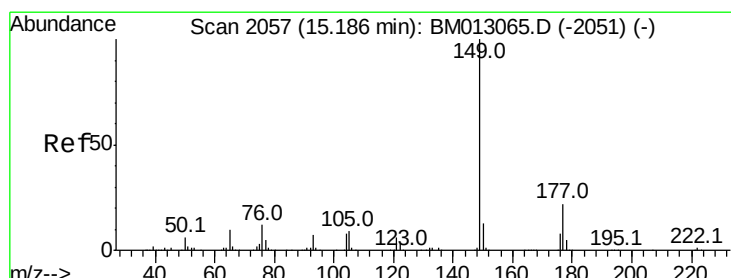
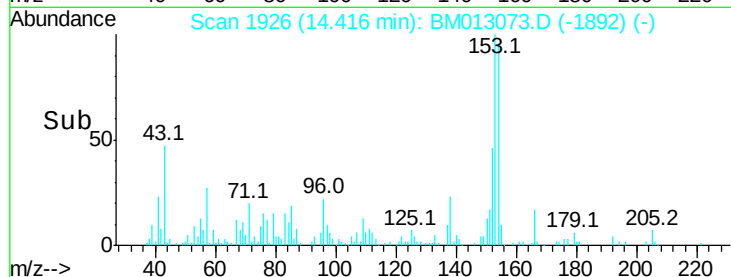
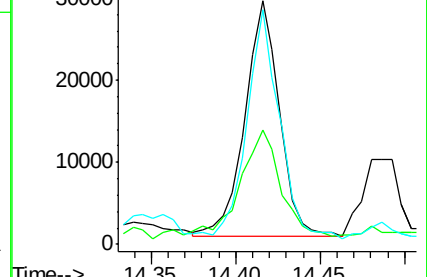
154 96.1 70.4 105.6



Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E



#56

Diethylphthalate

Concen: 1.070 ng/ul

RT: 15.19 min Scan# 2057

Delta R.T. 0.00 min

Lab File: BM013073.D

Acq: 21 Nov 2017 08:51

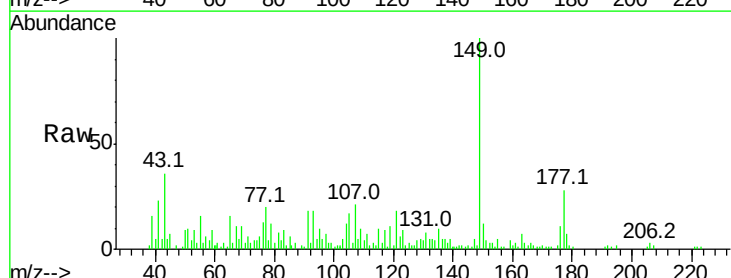
Tgt Ion:149 Resp: 47291

Ion Ratio Lower Upper

149 100

177 28.3 20.5 30.7

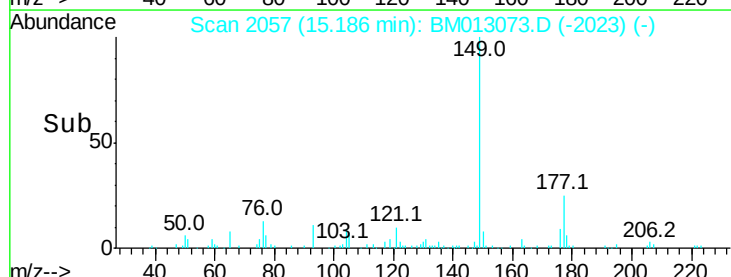
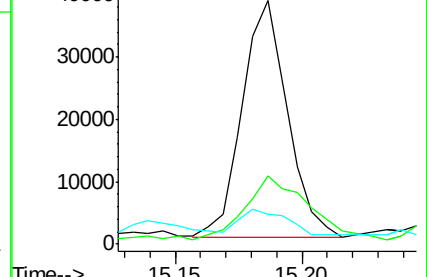
150 12.2 10.6 15.8

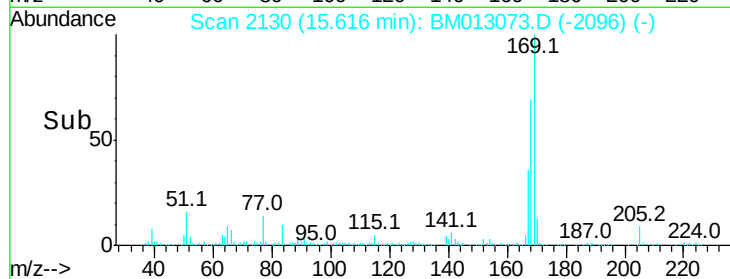
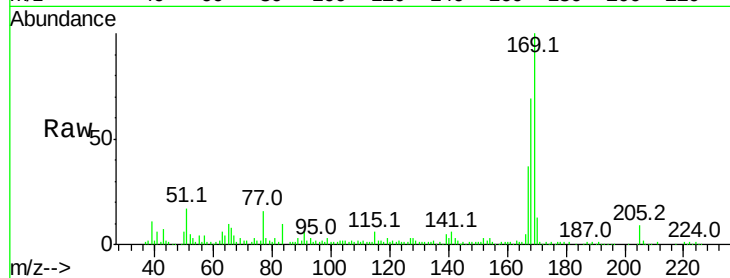
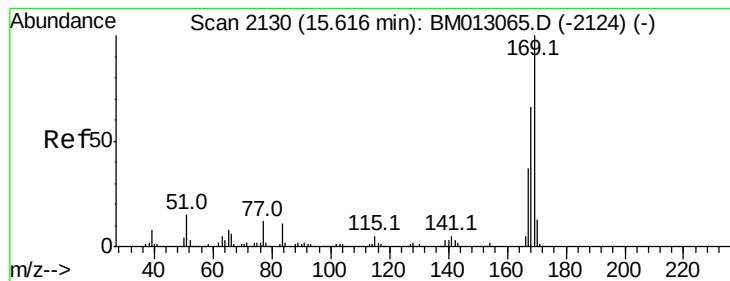


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E





#64

N-Nitrosodiphenylamine

Concen: 8.851 ng/ul

RT: 15.62 min Scan# 2130

Delta R.T. 0.00 min

Lab File: BM013073.D

Acq: 21 Nov 2017 08:51

Instrument :

BNA_M

ClientSampleId :

Tot Ion:169 Resp: 292410

Ion Ratio Lower Upper

169 100

168 69.1 54.0 81.0

167 36.6 29.1 43.7

