

Data Path : Z:\HPCHEM1\BNA M\DATA\BM022118\
 Data File : BM014320.D
 Acq On : 21 Feb 2018 10:45
 Operator : SJ/JU
 Sample : J1570-20
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C02W0

Quant Time: Feb 22 03:39:03 2018
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM021418.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Feb 22 03:35:18 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.58	152	1111	20.00	ng/ul	0.05
18) Naphthalene-d8	10.30	136	326807	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.19	164	259425	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.94	188	713017	20.00	ng/ul	0.00
75) Chrysene-d12	21.15	240	692407	20.00	ng/ul	0.00
83) Perylene-d12	23.32	264	562494	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.15	96	164	6.32	ng/uL	0.04
5) Phenol-d5	6.73	99	34203	364.26	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.88	67	107145	1885.00	ng/ul	0.00
9) 2-Chlorophenol-d4	7.07	132	117330	1629.55	ng/ul	0.00
13) 4-Methylphenol-d8	8.33	113	2209	26.89	ng/ul	0.08
19) Nitrobenzene-d5	8.69	128	77091	31.92	ng/ul	0.00
22) 2-Nitrophenol-d4	9.40	143	76493	30.60	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.94	165	128685	24.85	ng/ul	0.00
29) 4-Chloroaniline-d4	10.45	131	112	0.02	ng/ul	-0.01
43) Dimethylphthalate-d6	13.61	166	690255	32.22	ng/ul	0.00
46) Acenaphthylene-d8	13.87	160	863927	32.70	ng/ul	0.00
51) 4-Nitrophenol-d4	14.43	143	435	0.15	ng/ul	0.00
57) Fluorene-d10	15.19	176	677336	35.29	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.34	200	112140	26.22	ng/ul	0.00
70) Anthracene-d10	17.04	188	1174786	34.15	ng/ul	0.00
76) Pyrene-d10	19.34	212	1393703	39.03	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.19	264	998945	36.49	ng/ul	0.00

Target Compounds

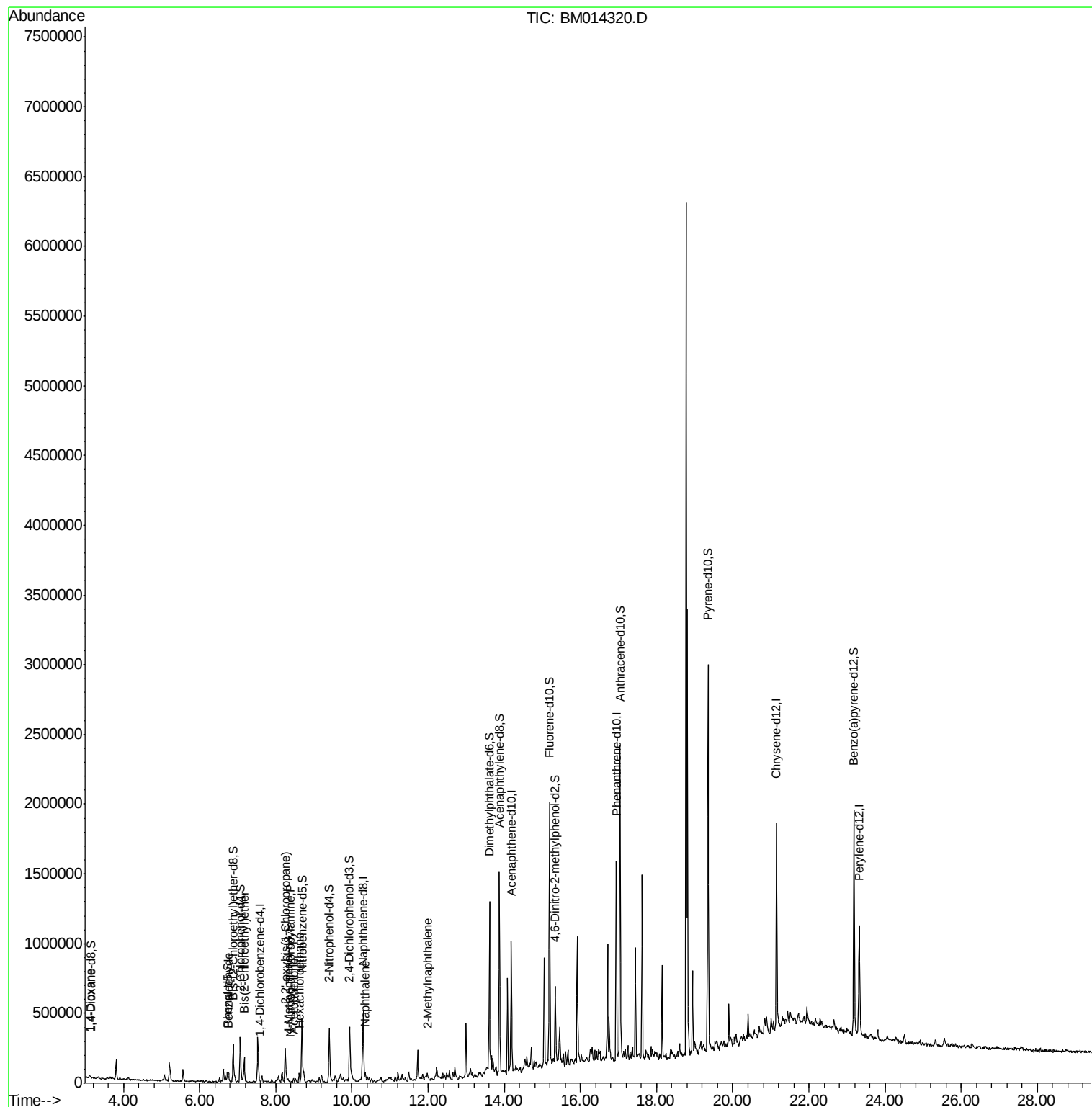
					Ovalue	
2) 1,4-Dioxane	3.14	88	4069	141.107	ng/uL#	65
4) Benzaldehyde	6.76	77	3667	95.786	ng/ul#	1
8) Bis(2-Chloroethyl)ether	7.17	93	299	4.182	ng/ul#	1
12) 2,2'-oxybis(1-Chloropropan	8.25	45	840	11.643	ng/ul#	1
14) Acetophenone	8.46	105	2018	14.236	ng/ul#	64
15) N-Nitroso-di-n-propylamine	8.39	70	217	3.055	ng/ul#	16
17) Hexachloroethane	8.62	117	5979	156.126	ng/ul#	1
28) Naphthalene	10.35	128	26552	1.582	ng/ul#	93
34) 2-Methylnaphthalene	11.98	142	27292	2.136	ng/ul	88

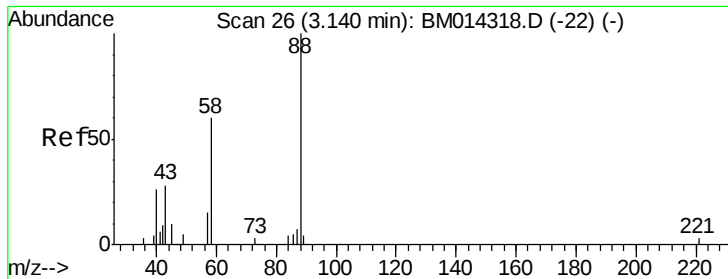
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Feb 22 03:35:18 2018
Response via : Initial Calibration





#2

1,4-Dioxane

Concen: 141.107 ng/uL

RT: 3.14 min Scan# 26

Delta R.T. 0.00 min

Lab File: BM014320.D

Acq: 21 Feb 2018 10:45

Instrument :

BNA_M

ClientSampleId :

C02W0

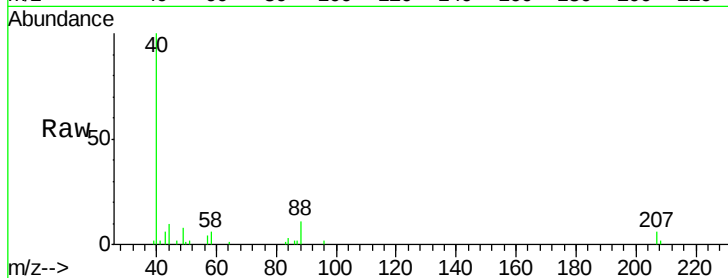
Tot Ion: 88 Resp: 4069

Ion Ratio Lower Upper

88 100

43 45.3 48.0 72.0#

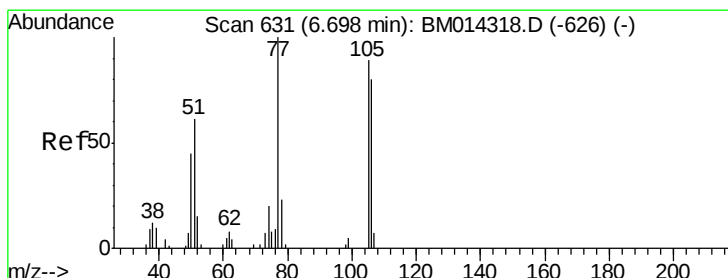
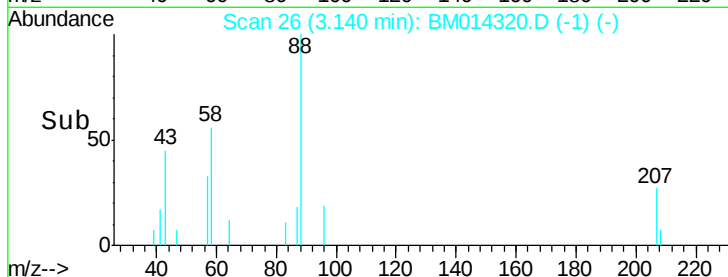
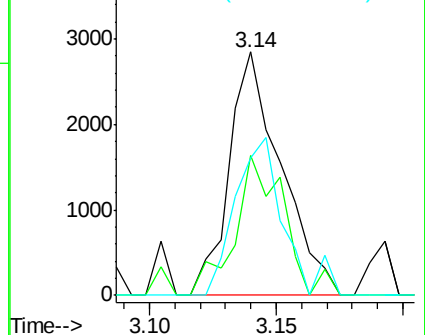
58 56.1 80.0 120.0#



Abundance Ion 88.00 (87.70 to 88.70): BM014320.D (-1) (-)

Ion 43.00 (42.70 to 43.70): BM014320.D (-1) (-)

Ion 58.00 (57.70 to 58.70): BM014320.D (-1) (-)



#4

Benzaldehyde

Concen: 95.786 ng/uL

RT: 6.76 min Scan# 642

Delta R.T. 0.06 min

Lab File: BM014320.D

Acq: 21 Feb 2018 10:45

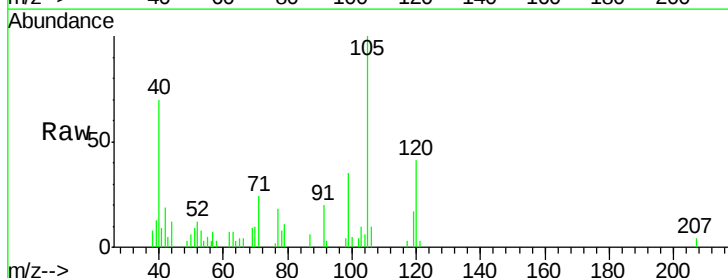
Tgt Ion: 77 Resp: 3667

Ion Ratio Lower Upper

77 100

105 549.0 66.1 99.1#

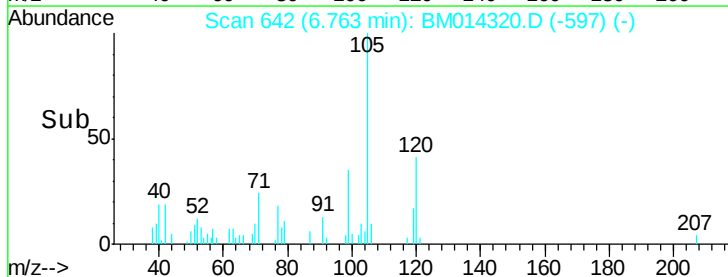
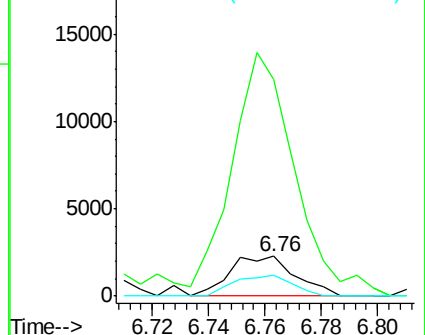
106 53.1 67.8 101.6#

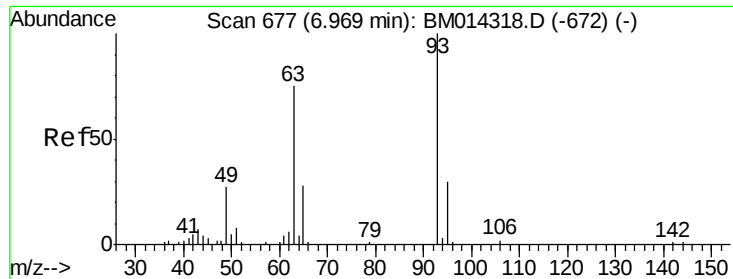


Abundance Ion 77.00 (76.70 to 77.70): BM014320.D (-597) (-)

Ion 105.00 (104.70 to 105.70): BM014320.D (-597) (-)

Ion 106.00 (105.70 to 106.70): BM014320.D (-597) (-)



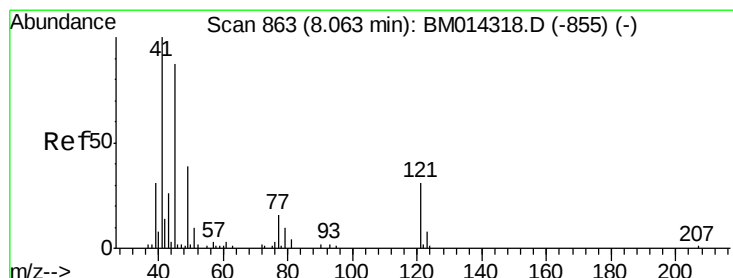
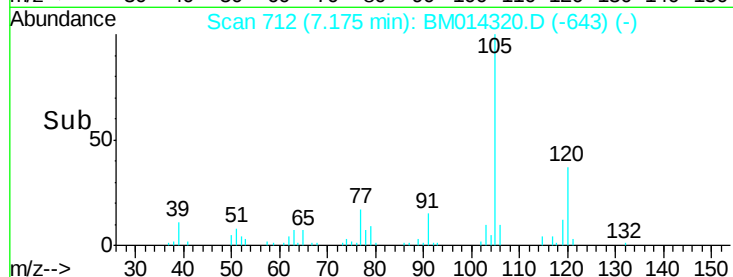
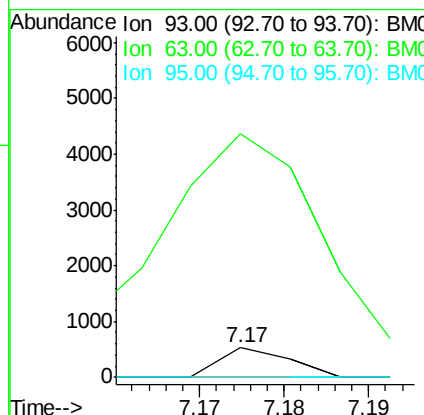
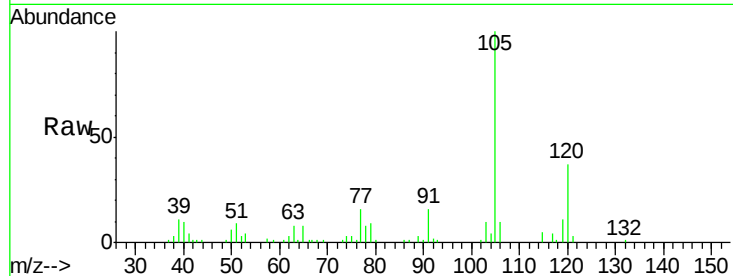


#8

Bis(2-Chloroethyl)ether
 Concen: 4.182 ng/ul
 RT: 7.17 min Scan# 712
 Delta R.T. 0.21 min
 Lab File: BM014320.D
 Acq: 21 Feb 2018 10:45

Instrument :
 BNA_M
 ClientSampled :
 C02W0

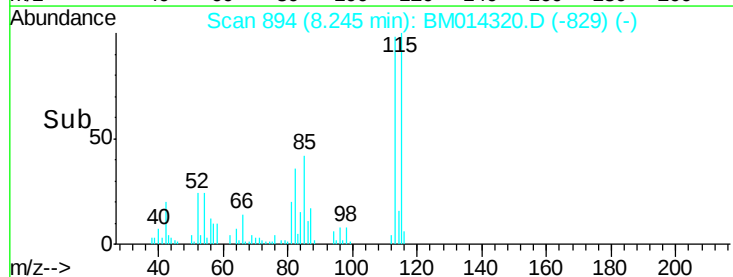
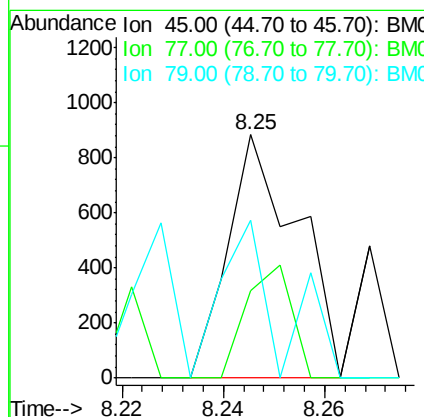
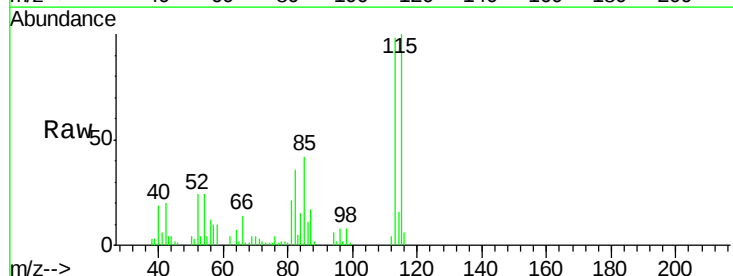
Tot Ion: 93 Resp: 299
 Ion Ratio Lower Upper
 93 100
 63 833.2 57.3 85.9#
 95 0.0 26.6 39.8#

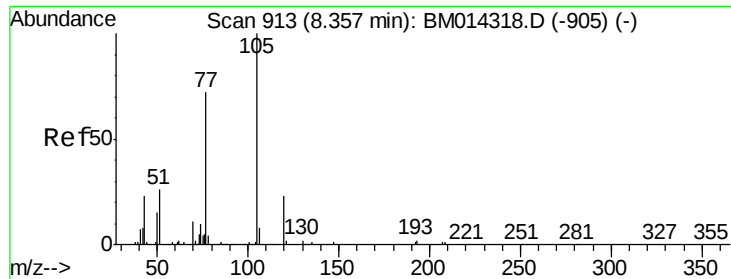


#12

2,2'-oxybis(1-Chloropropane)
 Concen: 11.643 ng/ul
 RT: 8.25 min Scan# 894
 Delta R.T. 0.18 min
 Lab File: BM014320.D
 Acq: 21 Feb 2018 10:45

Tgt Ion: 45 Resp: 840
 Ion Ratio Lower Upper
 45 100
 77 35.7 8.0 12.0#
 79 65.0 8.0 12.0#





#14

Acetophenone

Concen: 14.236 ng/ul

RT: 8.46 min Scan# 931

Delta R.T. 0.11 min

Lab File: BM014320.D

Acq: 21 Feb 2018 10:45

Instrument :

BNA_M

ClientSampleId :

C02W0

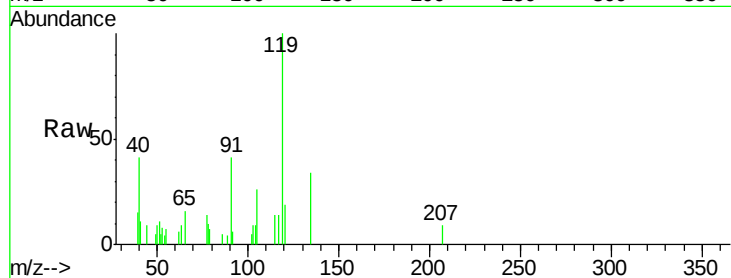
Tot Ion:105 Resp: 2018

Ion Ratio Lower Upper

105 100

77 55.0 74.2 111.4#

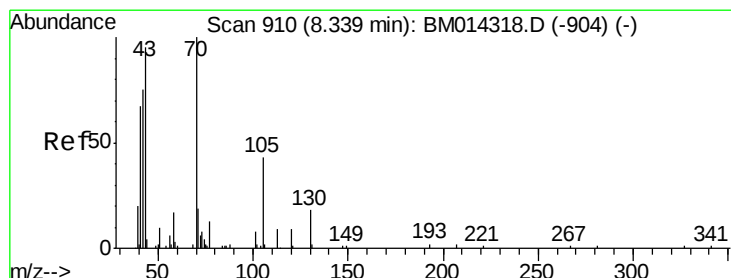
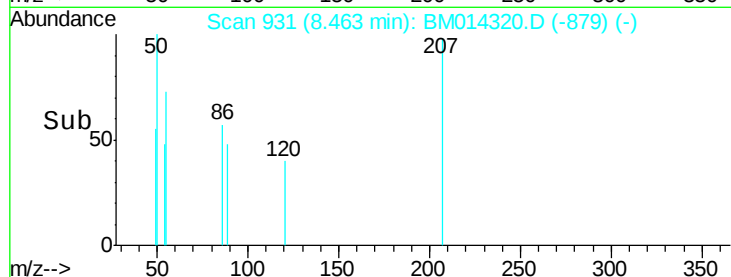
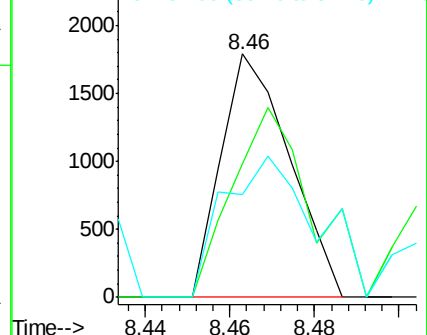
51 42.1 23.4 35.2#



Abundance Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BM0

Ion 51.00 (50.70 to 51.70): BM0



#15

N-Nitroso-di-n-propylamine

Concen: 3.055 ng/ul

RT: 8.39 min Scan# 919

Delta R.T. 0.05 min

Lab File: BM014320.D

Acq: 21 Feb 2018 10:45

Tgt Ion: 70 Resp: 217

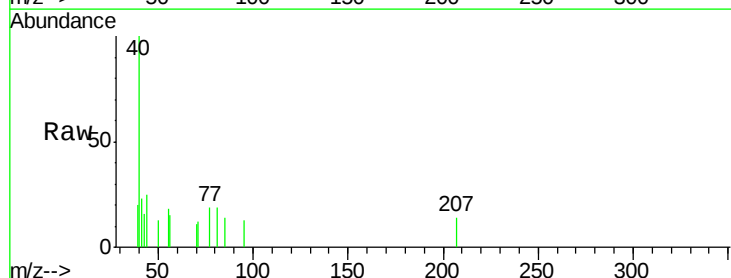
Ion Ratio Lower Upper

70 100

42 0.0 76.0 114.0#

101 0.0 6.7 10.1#

130 0.0 14.6 22.0#

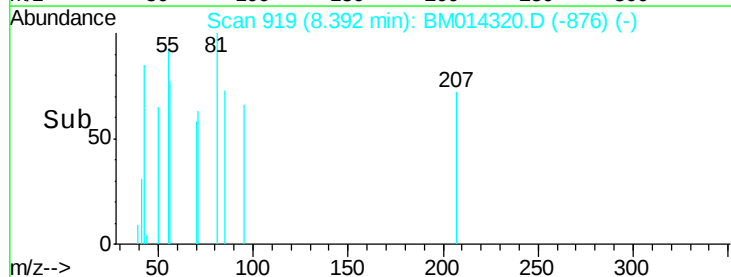
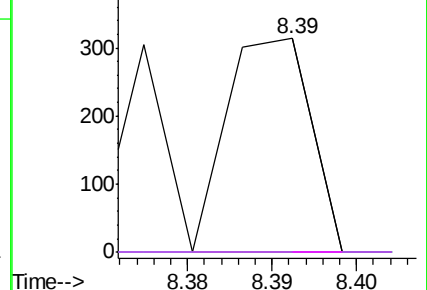


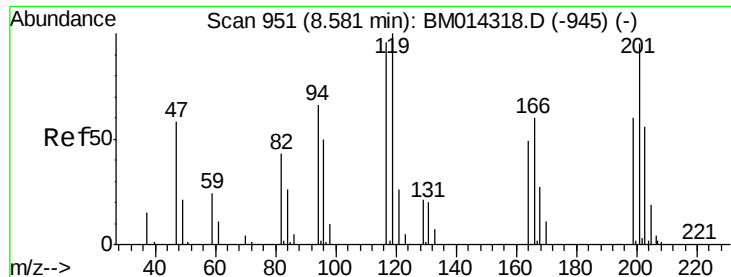
Abundance Ion 70.00 (69.70 to 70.70): BM0

Ion 42.00 (41.70 to 42.70): BM0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E

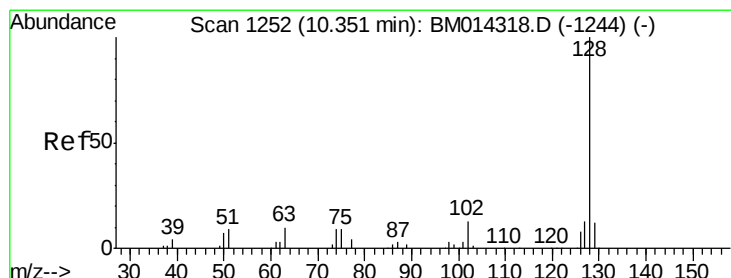
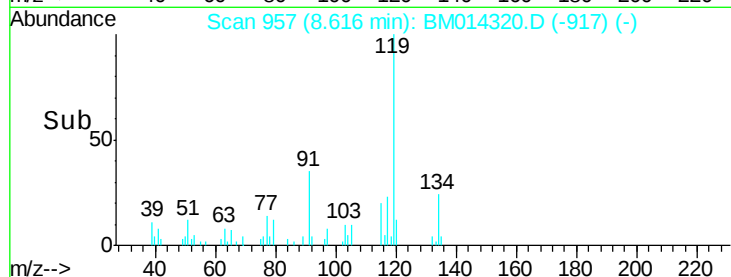
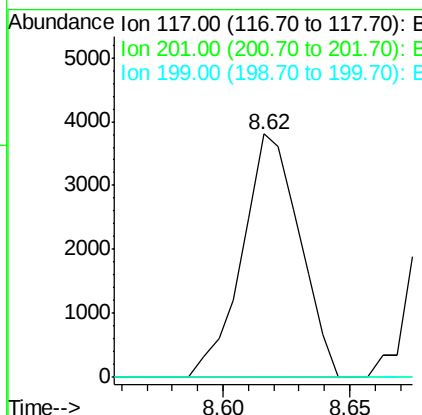
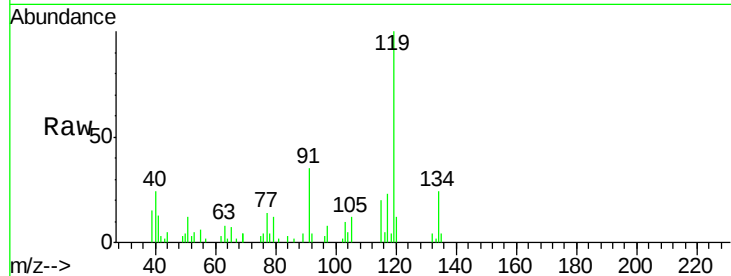




#17
Hexachloroethane
Concen: 156.126 ng/ul
RT: 8.62 min Scan# 957
Delta R.T. 0.04 min
Lab File: BM014320.D
Acq: 21 Feb 2018 10:45

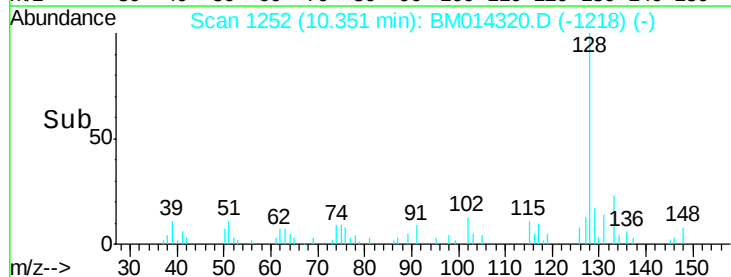
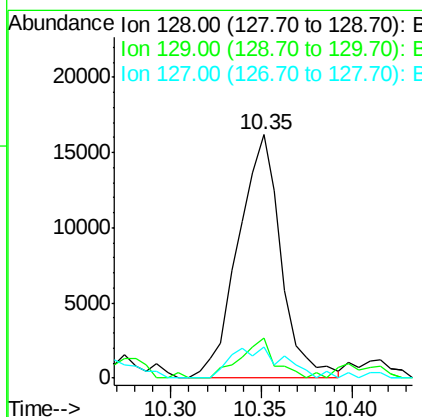
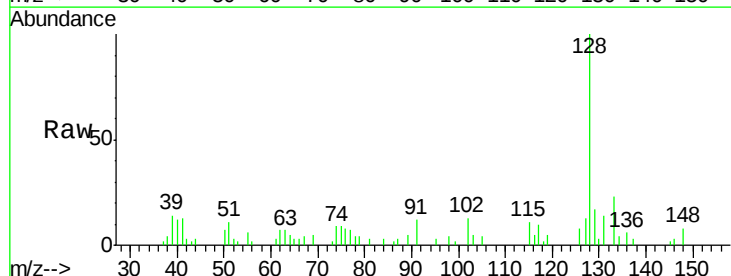
Instrument :
BNA_M
ClientSampleId :
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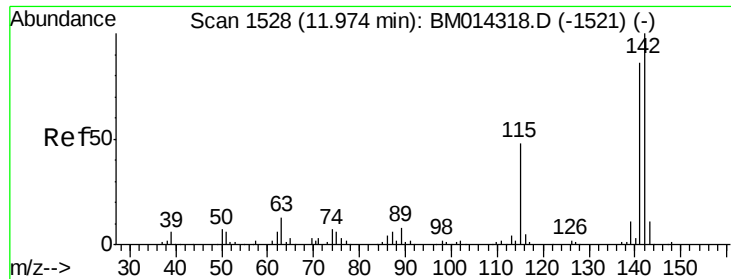
Tot Ion:117 Resp: 5979
Ion Ratio Lower Upper
117 100
201 0.0 111.6 167.4#
199 0.0 67.8 101.6#



#28
Naphthalene
Concen: 1.582 ng/ul
RT: 10.35 min Scan# 1252
Delta R.T. 0.00 min
Lab File: BM014320.D
Acq: 21 Feb 2018 10:45

Tgt Ion:128 Resp: 26552
Ion Ratio Lower Upper
128 100
129 16.7 8.8 13.2#
127 12.8 10.6 16.0





#34

2-Methylnaphthalene

Concen: 2.136 ng/ul

RT: 11.98 min Scan# 1529

Delta R.T. 0.01 min

Lab File: BM014320.D

Acq: 21 Feb 2018 10:45

Instrument :

BNA_M

ClientSampleId :

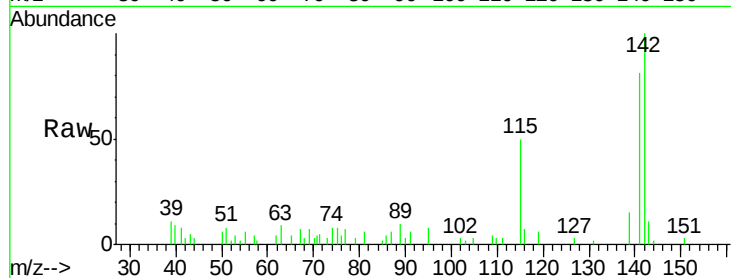
C02W0

Tot Ion:142 Resp: 27292

Ion Ratio Lower Upper

142 100

141 81.3 74.1 111.1



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

