

Data Path : Z:\HPCHEM1\BNA M\DATA\BM012918\
 Data File : BM013965.D
 Acq On : 29 Jan 2018 19:29
 Operator : SJ/JU
 Sample : J1295-11
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 F6C09

Quant Time: Jan 30 02:47:43 2018
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM011018.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jan 30 02:42:12 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.57	152	104554	20.00	ng/ul	0.00
18) Naphthalene-d8	10.35	136	452480	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.23	164	281725	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.98	188	639917	20.00	ng/ul	0.00
75) Chrysene-d12	21.19	240	739014	20.00	ng/ul	0.00
83) Perylene-d12	23.37	264	674161	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.13	96	11969	4.52	ng/uL	0.00
5) Phenol-d5	6.76	99	241241	30.06	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.92	67	165598	34.05	ng/ul	0.00
9) 2-Chlorophenol-d4	7.10	132	207967	31.80	ng/ul	0.00
13) 4-Methylphenol-d8	8.29	113	208958	33.87	ng/ul	0.00
19) Nitrobenzene-d5	8.73	128	108941	31.03	ng/ul	0.00
22) 2-Nitrophenol-d4	9.45	143	125846	33.92	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.98	165	228571	31.89	ng/ul	0.00
29) 4-Chloroaniline-d4	10.50	131	259822	41.78	ng/ul	0.00
43) Dimethylphthalate-d6	13.65	166	741838	31.95	ng/ul	0.00
46) Acenaphthylene-d8	13.92	160	937508	31.66	ng/ul	0.00
51) 4-Nitrophenol-d4	14.47	143	69211	18.34	ng/ul	0.00
57) Fluorene-d10	15.23	176	658996	32.27	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.37	200	88251	22.91	ng/ul	0.00
70) Anthracene-d10	17.08	188	1066742	34.22	ng/ul	0.00
76) Pyrene-d10	19.38	212	1281836	37.25	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.23	264	1132179	36.54	ng/ul	0.00

Target Compounds

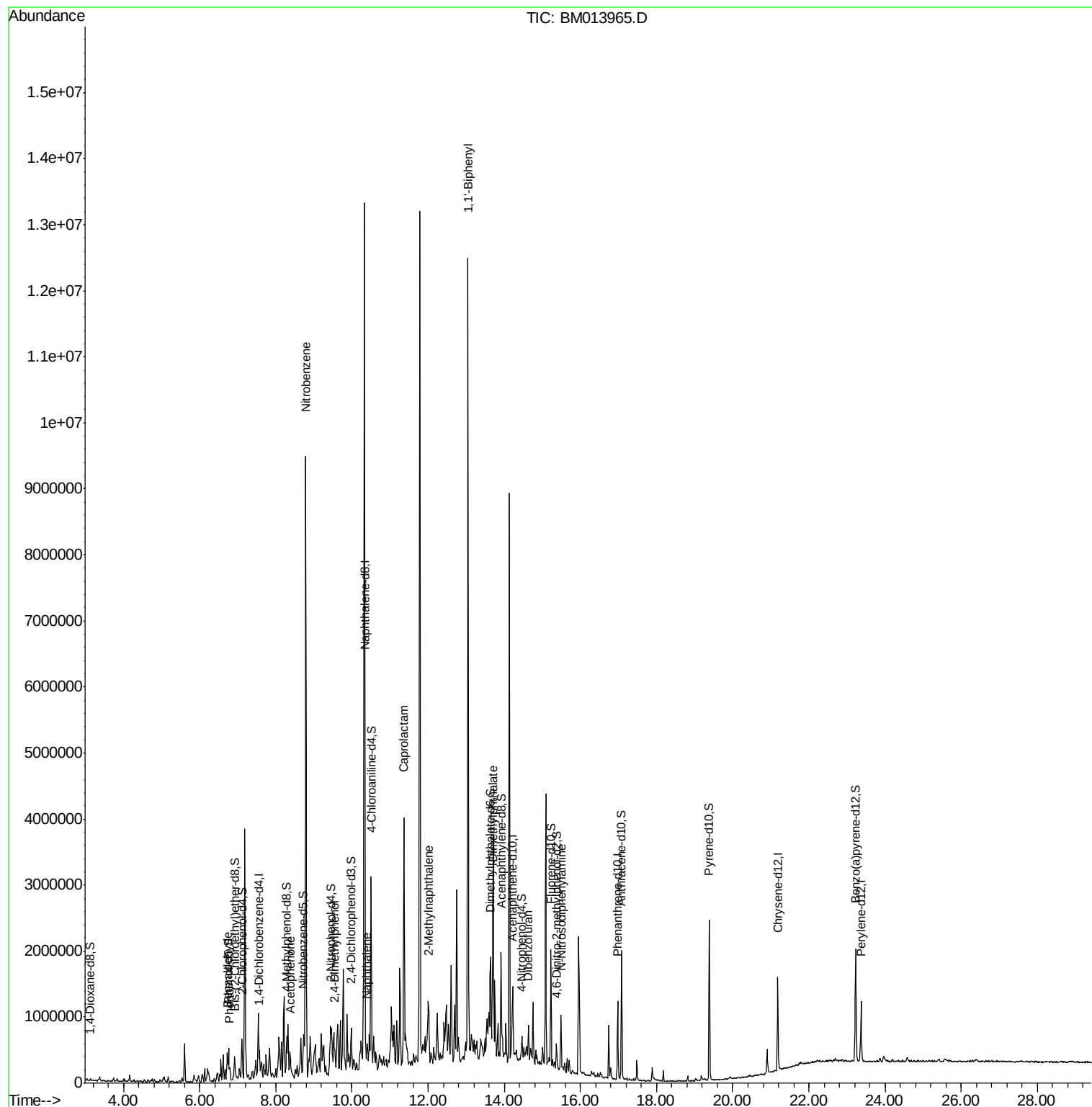
					Ovalue	
4) Benzaldehyde	6.72	77	6312	1.136	ng/ul#	1
6) Phenol	6.79	94	30301	3.764	ng/ul#	84
14) Acetophenone	8.36	105	49735	4.871	ng/ul#	36
20) Nitrobenzene	8.78	77	18931	2.087	ng/ul#	10
24) 2,4-Dimethylphenol	9.54	107	29726	3.647	ng/ul#	44
28) Naphthalene	10.39	128	143925	6.394	ng/ul#	96
32) Caprolactam	11.37	113	133952	69.713	ng/ul	81
34) 2-Methylnaphthalene	12.02	142	369941	22.042	ng/ul	93
40) 1,1'-Biphenyl	13.05	154	100645	4.292	ng/ul#	90
44) Dimethylphthalate	13.69	163	244718	10.719	ng/ul	99
53) Dibenzofuran	14.63	168	28563	1.012	ng/ul#	76
64) N-Nitrosodiphenylamine	15.50	169	22943	1.219	ng/ul#	46

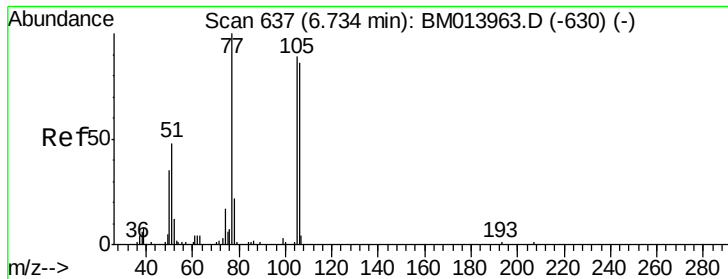
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#4

Benzaldehyde

Concen: 1.136 ng/ul

RT: 6.72 min Scan# 635

Delta R.T. -0.01 min

Lab File: BM013965.D

Acq: 29 Jan 2018 19:29

Instrument :

BNA_M

ClientSampleId :

F6C09

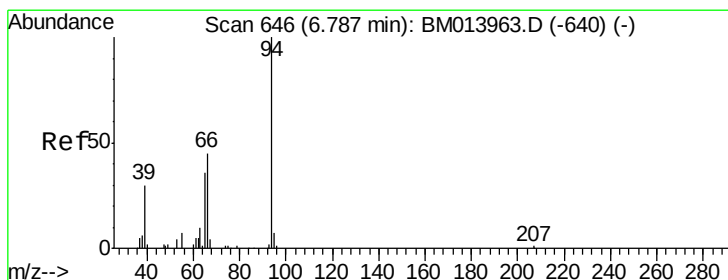
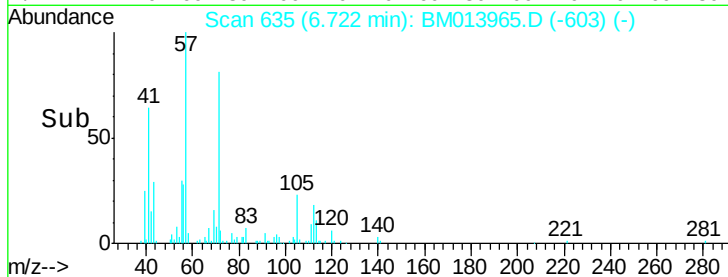
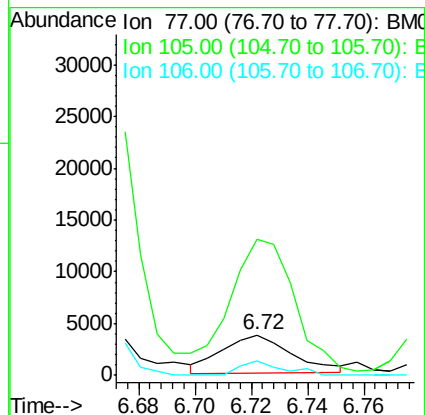
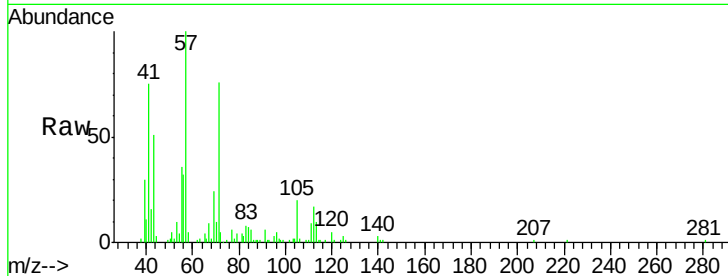
Tot Ion: 77 Resp: 6312

Ion Ratio Lower Upper

77 100

105 339.9 66.1 99.1#

106 36.8 67.8 101.6#



#6

Phenol

Concen: 3.764 ng/ul

RT: 6.79 min Scan# 646

Delta R.T. 0.00 min

Lab File: BM013965.D

Acq: 29 Jan 2018 19:29

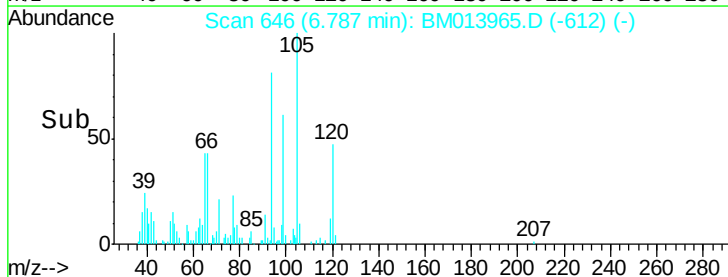
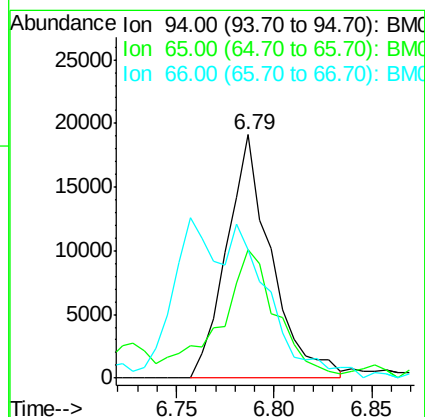
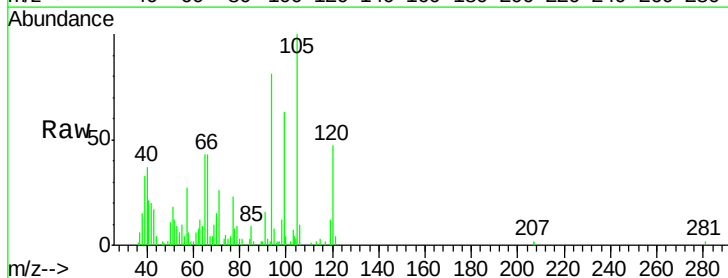
Tgt Ion: 94 Resp: 30301

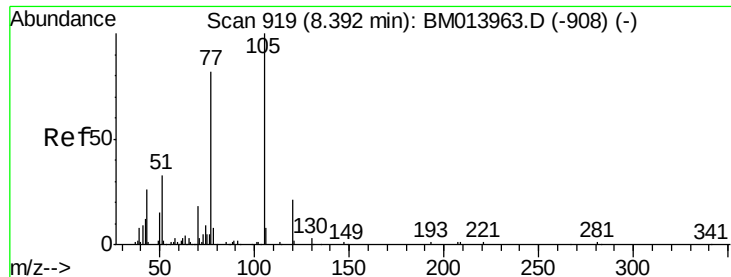
Ion Ratio Lower Upper

94 100

65 52.7 28.2 42.4#

66 52.9 47.2 70.8

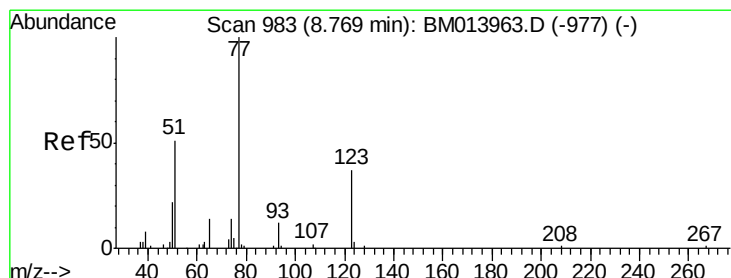
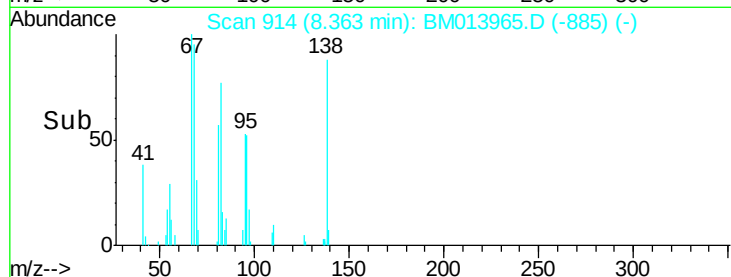
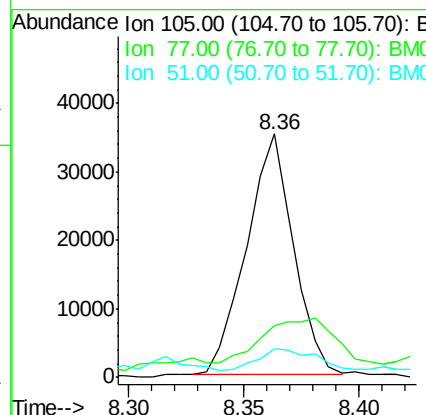
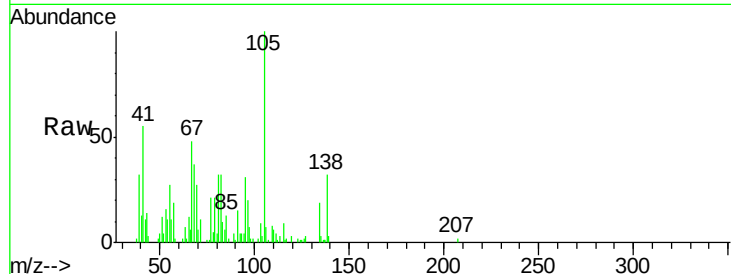




#14
Acetophenone
Concen: 4.871 ng/ul
RT: 8.36 min Scan# 914
Delta R.T. -0.03 min
Lab File: BM013965.D
Acq: 29 Jan 2018 19:29

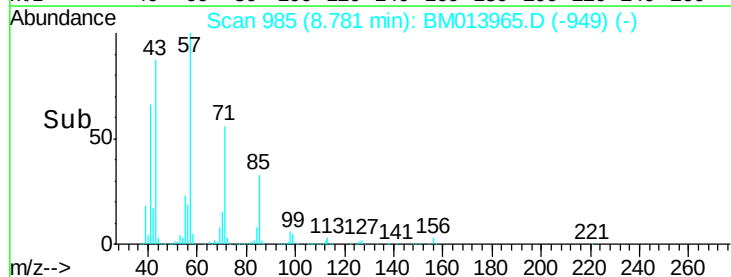
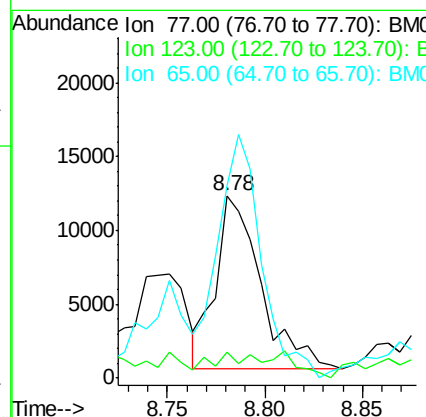
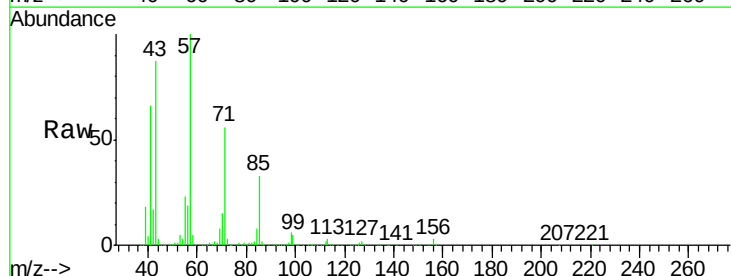
Instrument :
BNA_M
ClientSampleId :
F6C09

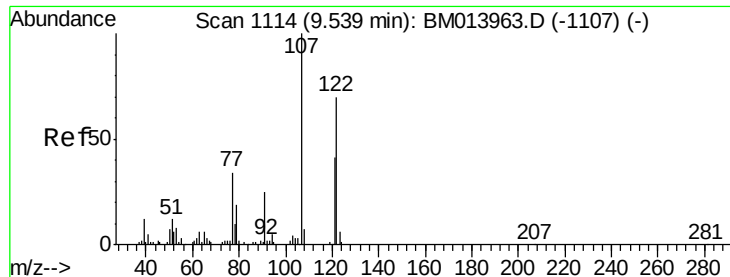
Tot Ion:105 Resp: 49735
Ion Ratio Lower Upper
105 100
77 21.4 74.2 111.4#
51 12.0 23.4 35.2#



#20
Nitrobenzene
Concen: 2.087 ng/ul
RT: 8.78 min Scan# 985
Delta R.T. 0.01 min
Lab File: BM013965.D
Acq: 29 Jan 2018 19:29

Tgt Ion: 77 Resp: 18931
Ion Ratio Lower Upper
77 100
123 14.4 31.0 46.6#
65 105.5 12.2 18.2#





#24

2,4-Dimethylphenol

Concen: 3.647 ng/ul

RT: 9.54 min Scan# 1114

Delta R.T. 0.00 min

Lab File: BM013965.D

Acq: 29 Jan 2018 19:29

Instrument :

BNA_M

ClientSampleId :

F6C09

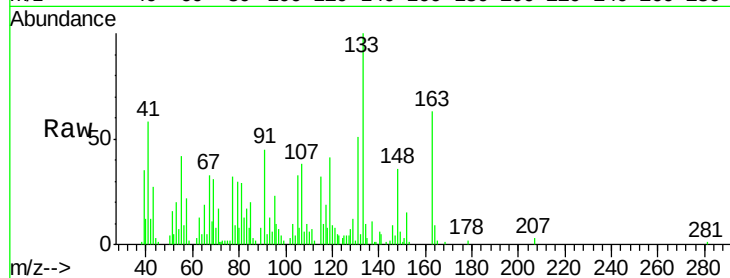
Tot Ion:107 Resp: 29726

Ion Ratio Lower Upper

107 100

121 21.6 31.9 47.9#

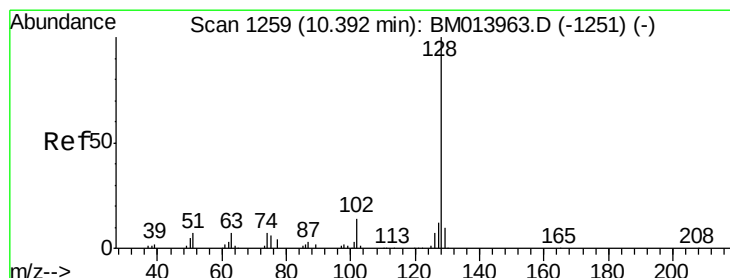
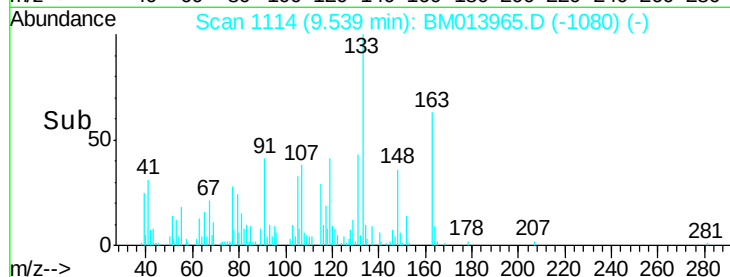
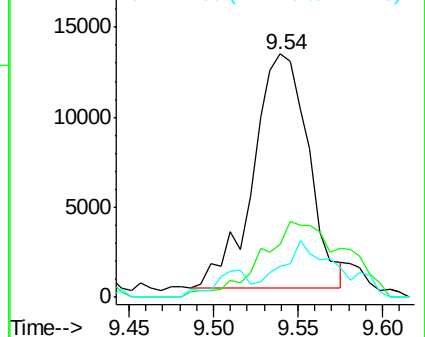
122 12.9 57.8 86.6#



Abundance Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E

Ion 122.00 (121.70 to 122.70): E



#28

Naphthalene

Concen: 6.394 ng/ul

RT: 10.39 min Scan# 1259

Delta R.T. 0.00 min

Lab File: BM013965.D

Acq: 29 Jan 2018 19:29

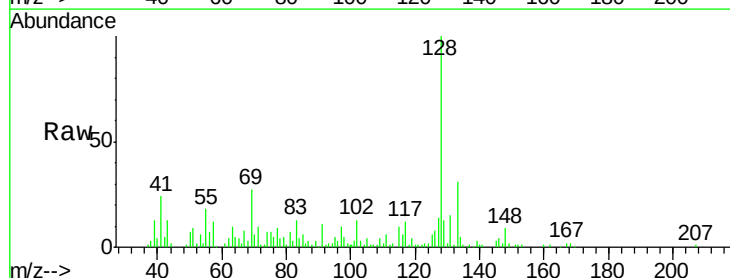
Tgt Ion:128 Resp: 143925

Ion Ratio Lower Upper

128 100

129 13.4 8.8 13.2#

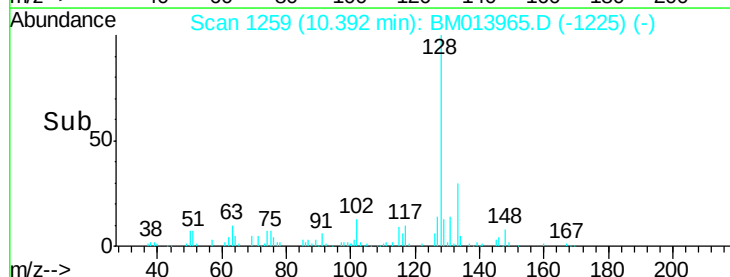
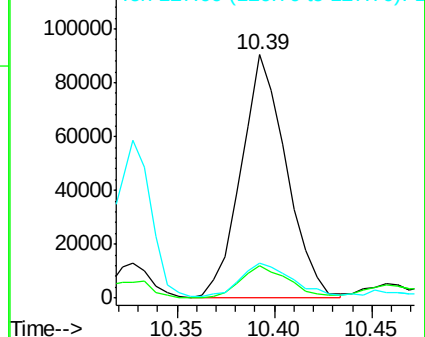
127 14.3 10.6 16.0

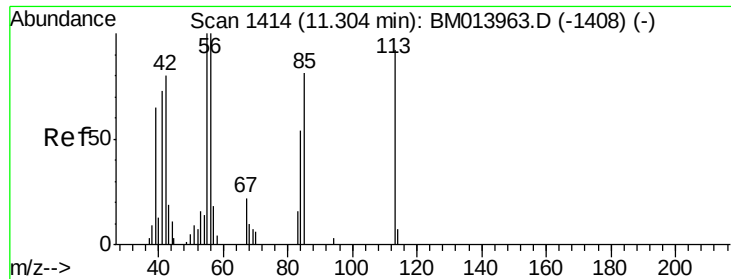


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E





#32

Caprolactam

Concen: 69.713 ng/ul

RT: 11.37 min Scan# 1425

Delta R.T. 0.06 min

Lab File: BM013965.D

Acq: 29 Jan 2018 19:29

Instrument :

BNA_M

ClientSampleId :

F6C09

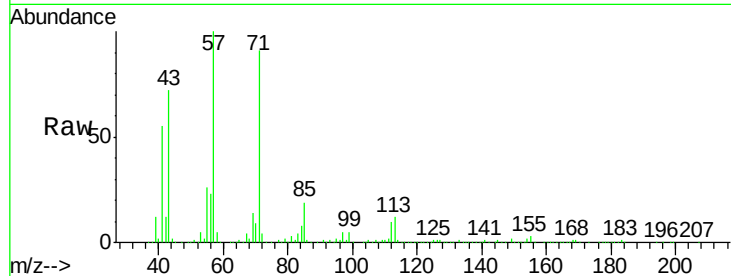
Tot Ion:113 Resp: 133952

Ion Ratio Lower Upper

113 100

55 212.2 208.0 312.0

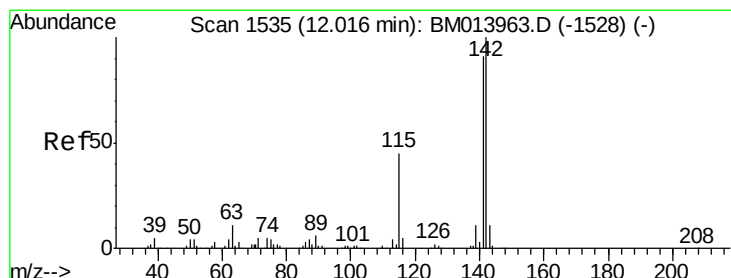
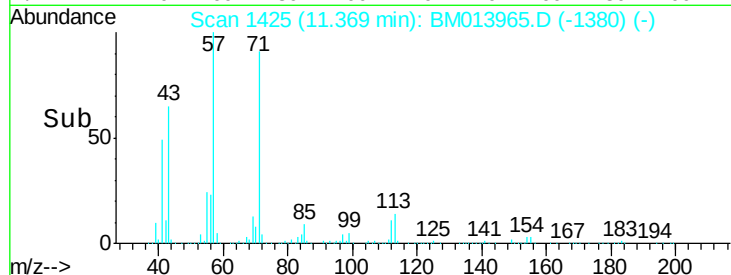
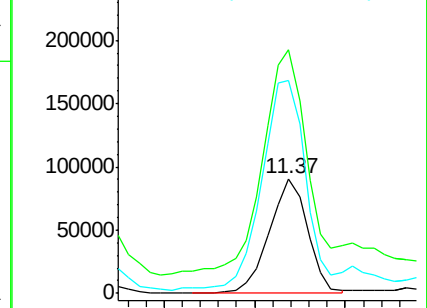
56 185.6 160.0 240.0



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BM0

Ion 56.00 (55.70 to 56.70): BM0



#34

2-Methylnaphthalene

Concen: 22.042 ng/ul

RT: 12.02 min Scan# 1535

Delta R.T. 0.00 min

Lab File: BM013965.D

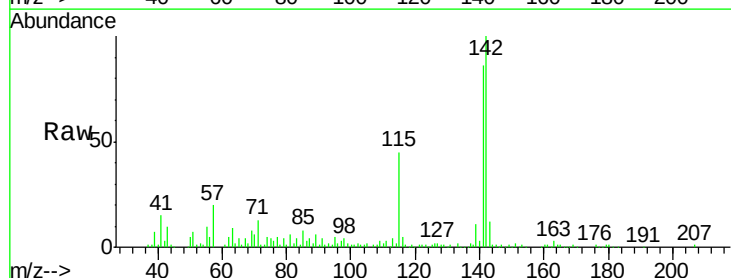
Acq: 29 Jan 2018 19:29

Tgt Ion:142 Resp: 369941

Ion Ratio Lower Upper

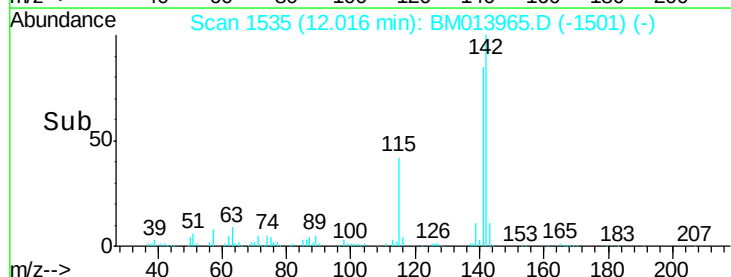
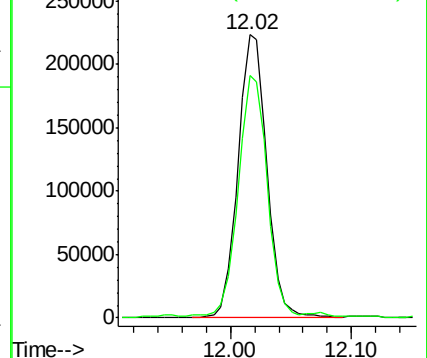
142 100

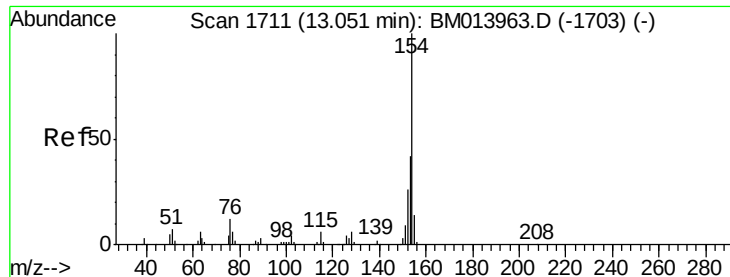
141 85.6 74.1 111.1



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

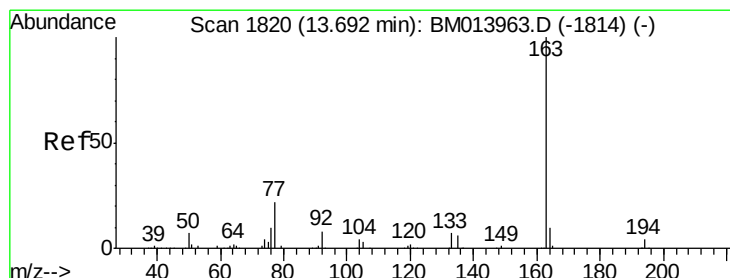
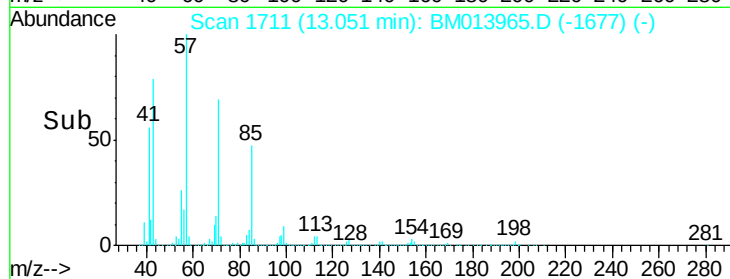
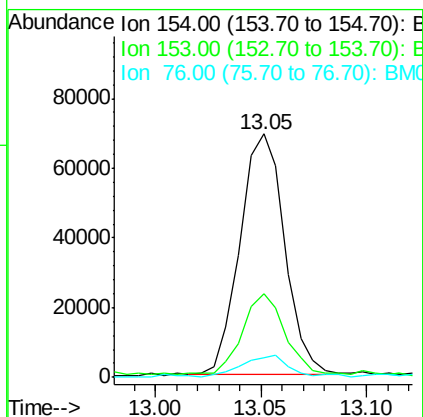
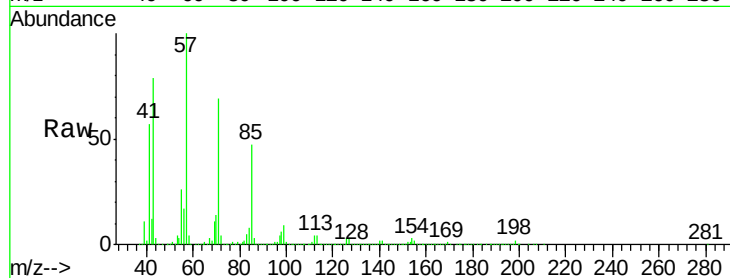




#40
1,1'-Biphenyl
Concen: 4.292 ng/ul
RT: 13.05 min Scan# 1711
Delta R.T. 0.00 min
Lab File: BM013965.D
Acq: 29 Jan 2018 19:29

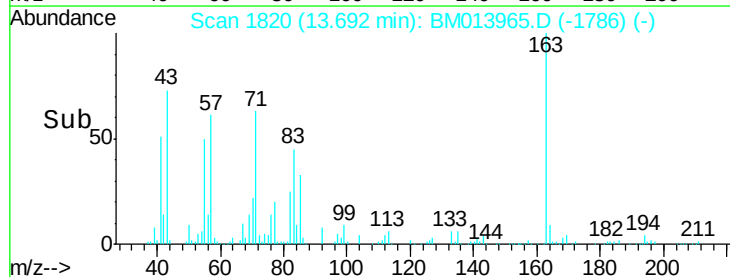
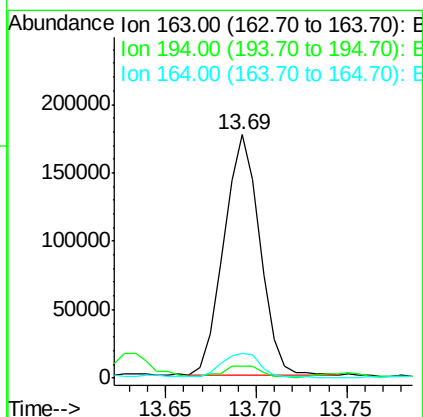
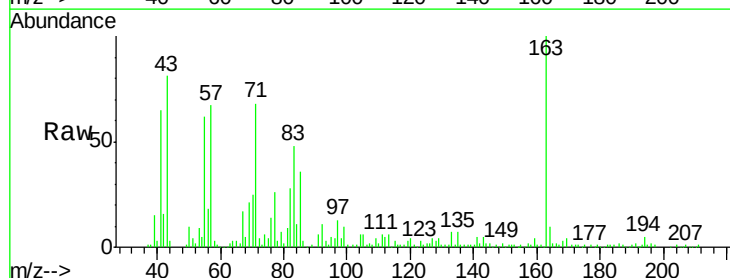
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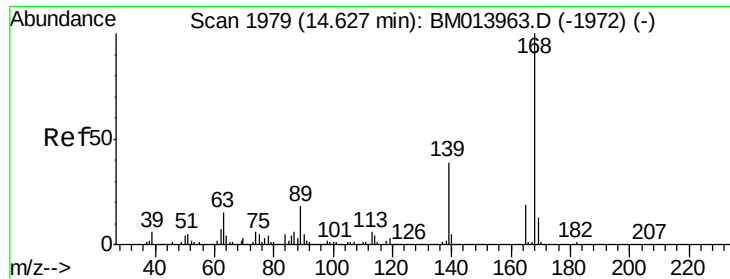
Tot Ion	Ratio	Lower	Upper
154	100		
153	34.2	32.6	48.8
76	8.2	8.5	12.7#



#44
Dimethylphthalate
Concen: 10.719 ng/ul
RT: 13.69 min Scan# 1820
Delta R.T. 0.00 min
Lab File: BM013965.D
Acq: 29 Jan 2018 19:29

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.9	3.5	5.3
164	10.0	8.2	12.4





#53

Dibenzofuran

Concen: 1.012 ng/ul

RT: 14.63 min Scan# 1980

Delta R.T. 0.01 min

Lab File: BM013965.D

Acq: 29 Jan 2018 19:29

Instrument :

BNA_M

ClientSampleId :

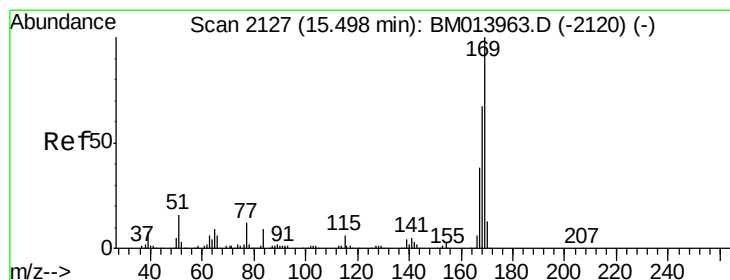
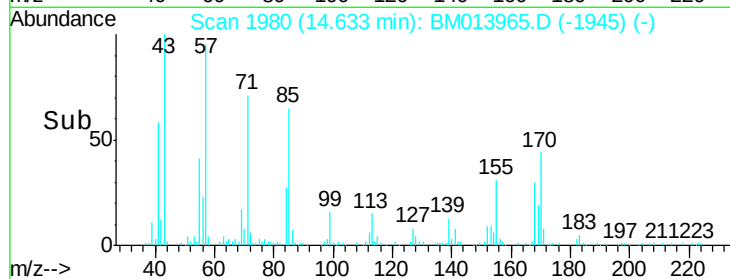
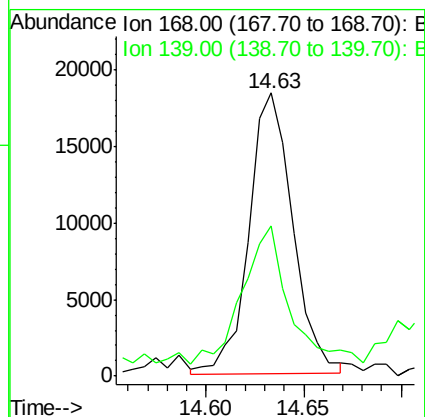
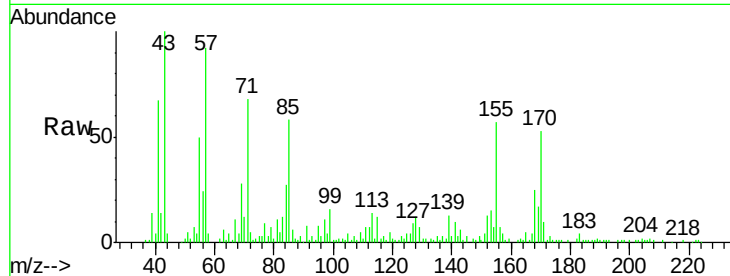
F6C09

Tot Ion:168 Resp: 28563

Ion Ratio Lower Upper

168 100

139 53.1 30.8 46.2#



#64

N-Nitrosodiphenylamine

Concen: 1.219 ng/ul

RT: 15.50 min Scan# 2127

Delta R.T. 0.00 min

Lab File: BM013965.D

Acq: 29 Jan 2018 19:29

Tgt Ion:169 Resp: 22943

Ion Ratio Lower Upper

169 100

168 18.1 54.0 81.0#

167 12.9 29.1 43.7#

