

Data Path : Z:\HPCHEM1\BNA M\DATA\BM100817\
 Data File : BM011997.D
 Acq On : 09 Oct 2017 03:27
 Operator : SJ/JU
 Sample : I5722-01
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Oct 09 03:59:14 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM100317.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Oct 09 03:46:05 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.86	152	299951	20.00	ng/ul	0.00
18) Naphthalene-d8	10.66	136	1335889	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.49	164	3588553	20.00	ng/ul	-0.01
61) Phenanthrene-d10	17.24	188	2005613	20.00	ng/ul	0.00
75) Chrysene-d12	21.42	240	2293971	20.00	ng/ul	0.00
83) Perylene-d12	23.74	264	2086569	20.00	ng/ul	0.00

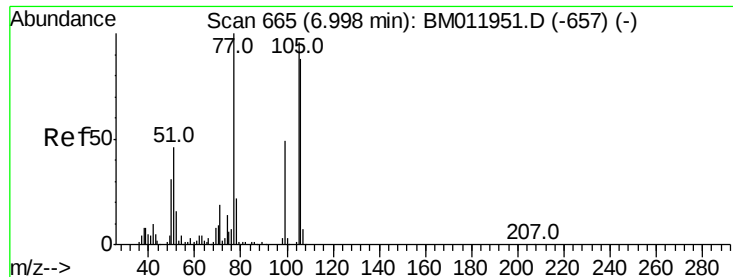
System Monitoring Compounds

3) 1,4-Dioxane-d8	3.26	96	41893	6.61	ng/uL	0.00
5) Phenol-d5	7.02	99	398002	15.42	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.18	67	1011108	66.20	ng/ul	0.00
9) 2-Chlorophenol-d4	7.39	132	763333	36.87	ng/ul	0.00
13) 4-Methylphenol-d8	8.56	113	537829	24.11	ng/ul	0.00
19) Nitrobenzene-d5	9.02	128	444362	46.71	ng/ul	0.00
22) 2-Nitrophenol-d4	9.75	143	577179	53.86	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.29	165	926317	42.78	ng/ul	0.01
29) 4-Chloroaniline-d4	10.76	131	456386	19.31	ng/ul	-0.03
43) Dimethylphthalate-d6	13.91	166	3122288	10.04	ng/ul	0.00
46) Acenaphthylene-d8	14.19	160	3740651	10.24	ng/ul	0.00
51) 4-Nitrophenol-d4	14.72	143	127696	2.35	ng/ul	0.02
57) Fluorene-d10	15.49	176	2694552	9.82	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.62	200	492661	36.51	ng/ul	0.00
70) Anthracene-d10	17.34	188	4264898	43.15	ng/ul	0.00
76) Pyrene-d10	19.63	212	5162982	49.90	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.59	264	4328360	43.12	ng/ul	0.00

Target Compounds

					Ovalue	
4) Benzaldehyde	6.99	77	230119	17.894	ng/ul#	11
15) N-Nitroso-di-n-propylamine	8.62	70	202891	12.146	ng/ul#	63
17) Hexachloroethane	8.96	117	268051	33.024	ng/ul#	1
20) Nitrobenzene	9.05	77	100969	4.393	ng/ul#	54
21) Isophorone	9.57	82	684248	15.965	ng/ul#	1
23) 2-Nitrophenol	9.77	139	43688	3.879	ng/ul#	1
24) 2,4-Dimethylphenol	9.86	107	217616	9.010	ng/ul#	82
28) Naphthalene	10.71	128	105357	1.572	ng/ul#	23
44) Dimethylphthalate	13.99	163	680810	2.275	ng/ul#	94

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



#4

Benzaldehyde

Concen: 17.894 ng/ul

RT: 6.99 min Scan# 663

Delta R.T. -0.01 min

Lab File: BM011997.D

Acq: 09 Oct 2017 03:27

Instrument :

BNA_M

ClientSampleId :

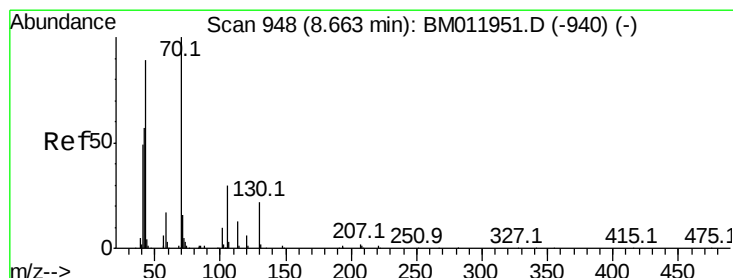
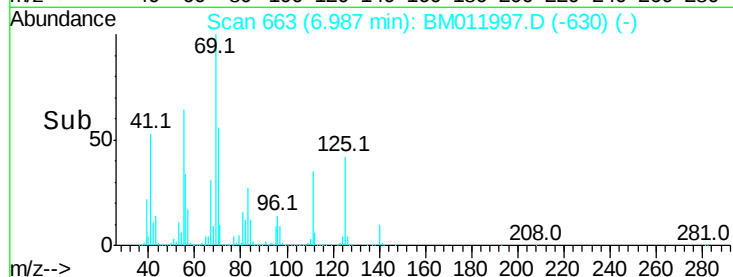
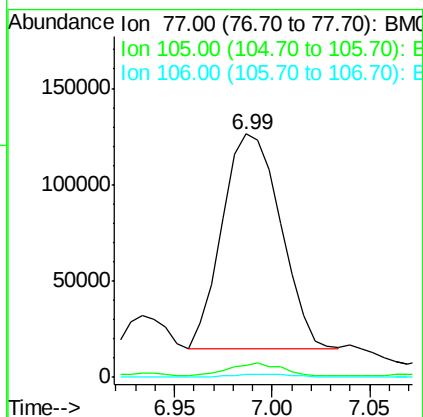
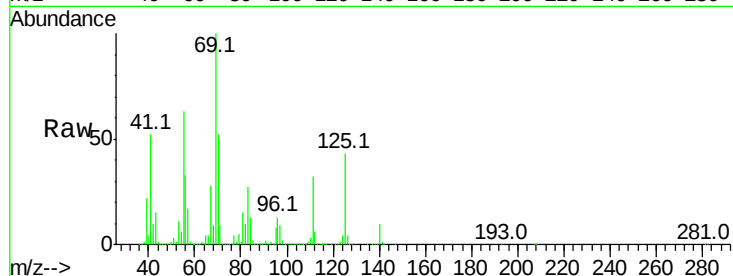
Tot Ion: 77 Resp: 230119

Ion Ratio Lower Upper

77 100

105 4.8 66.1 99.1#

106 1.1 67.8 101.6#



#15

N-Nitroso-di-n-propylamine

Concen: 12.146 ng/ul

RT: 8.62 min Scan# 941

Delta R.T. -0.04 min

Lab File: BM011997.D

Acq: 09 Oct 2017 03:27

Tgt Ion: 70 Resp: 202891

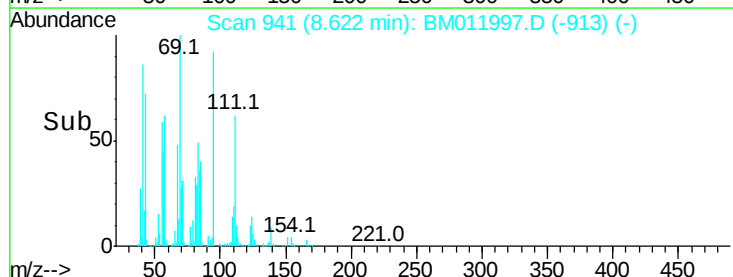
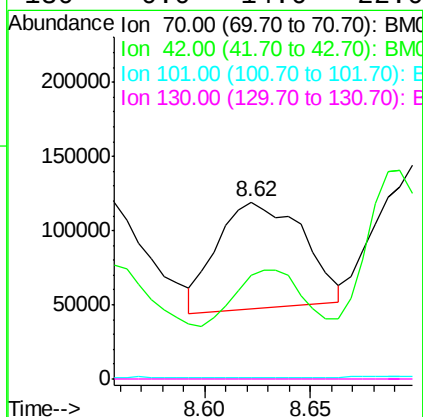
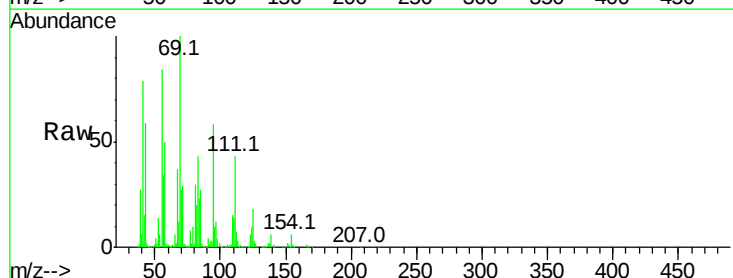
Ion Ratio Lower Upper

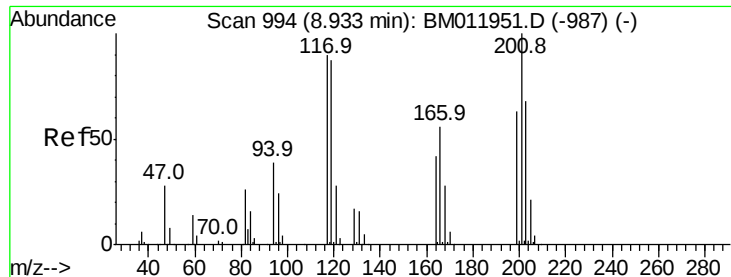
70 100

42 58.4 76.0 114.0#

101 0.7 6.7 10.1#

130 0.0 14.6 22.0#





#17

Hexachloroethane

Concen: 33.024 ng/ul

RT: 8.96 min Scan# 999

Delta R.T. 0.04 min

Lab File: BM011997.D

Acq: 09 Oct 2017 03:27

Instrument :

BNA_M

ClientSampled :

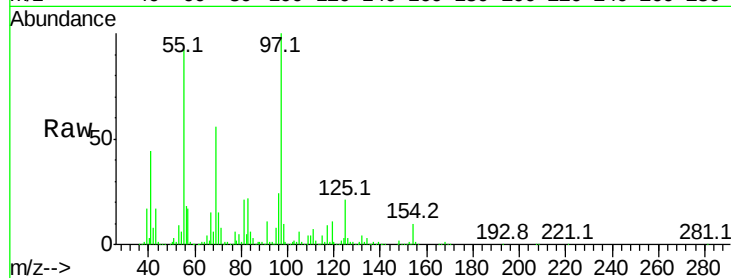
Tot Ion:117 Resp: 268051

Ion Ratio Lower Upper

117 100

201 0.0 111.6 167.4#

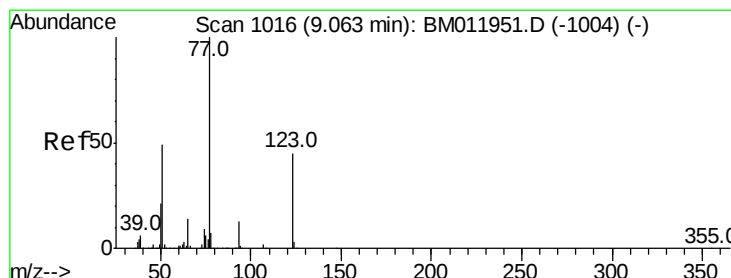
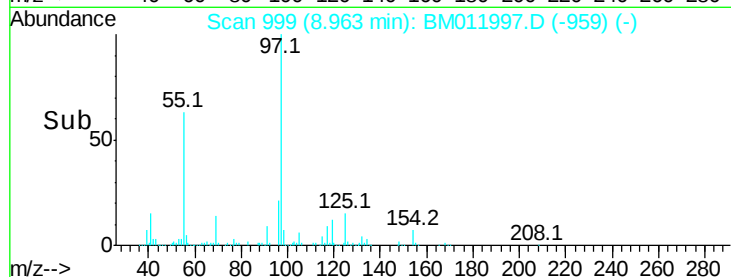
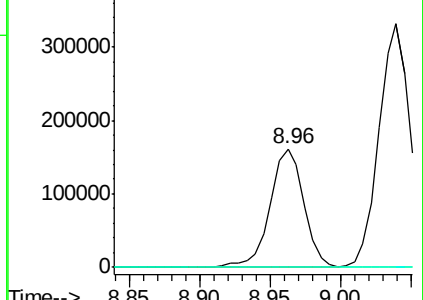
199 0.0 67.8 101.6#



Abundance Ion 117.00 (116.70 to 117.70): E

Ion 201.00 (200.70 to 201.70): E

Ion 199.00 (198.70 to 199.70): E



#20

Nitrobenzene

Concen: 4.393 ng/ul

RT: 9.05 min Scan# 1013

Delta R.T. -0.01 min

Lab File: BM011997.D

Acq: 09 Oct 2017 03:27

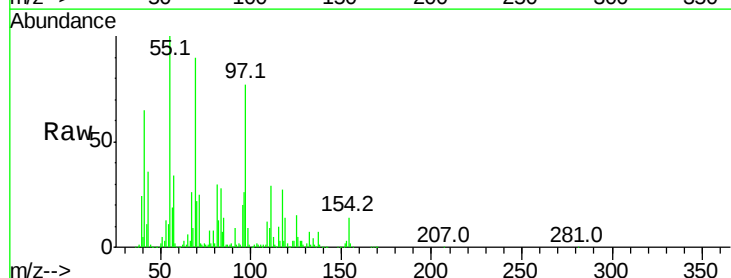
Tgt Ion: 77 Resp: 100969

Ion Ratio Lower Upper

77 100

123 41.7 31.0 46.6

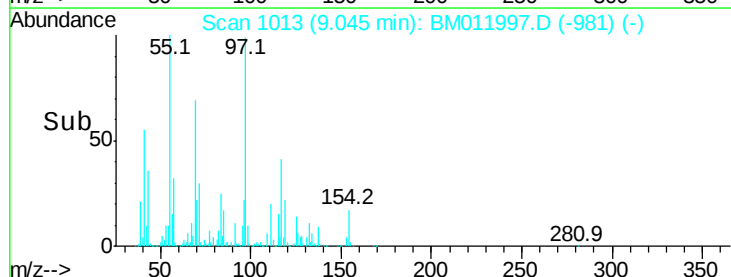
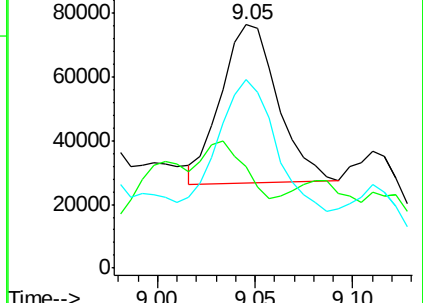
65 77.7 12.2 18.2#

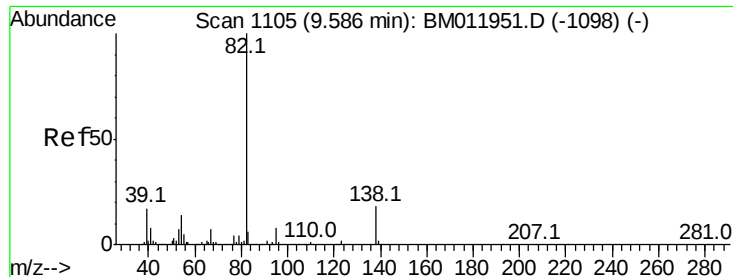


Abundance Ion 77.00 (76.70 to 77.70): BM0

Ion 123.00 (122.70 to 123.70): E

Ion 65.00 (64.70 to 65.70): BM0





#21

Isophorone

Concen: 15.965 ng/ul

RT: 9.57 min Scan# 1103

Delta R.T. -0.01 min

Lab File: BM011997.D

Acq: 09 Oct 2017 03:27

Instrument :

BNA_M

ClientSampleId :

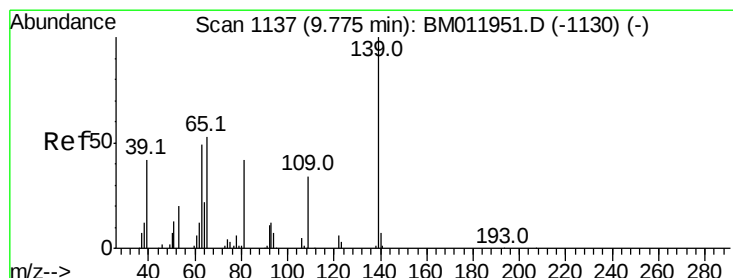
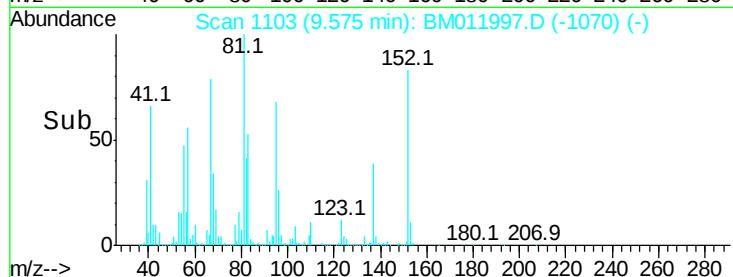
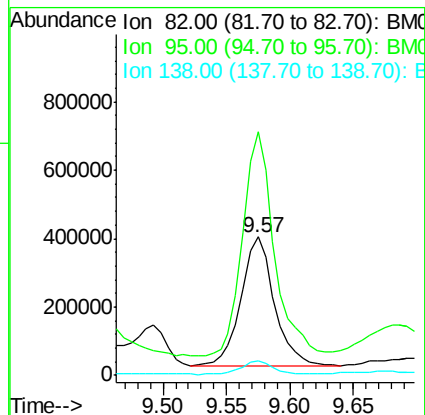
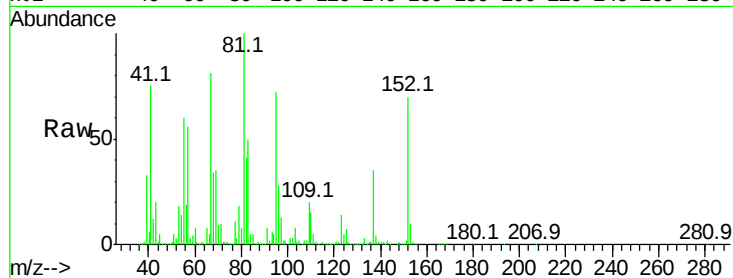
Tot Ion: 82 Resp: 684248

Ion Ratio Lower Upper

82 100

95 175.7 7.8 11.8#

138 10.4 11.9 17.9#



#23

2-Nitrophenol

Concen: 3.879 ng/ul

RT: 9.77 min Scan# 1136

Delta R.T. 0.00 min

Lab File: BM011997.D

Acq: 09 Oct 2017 03:27

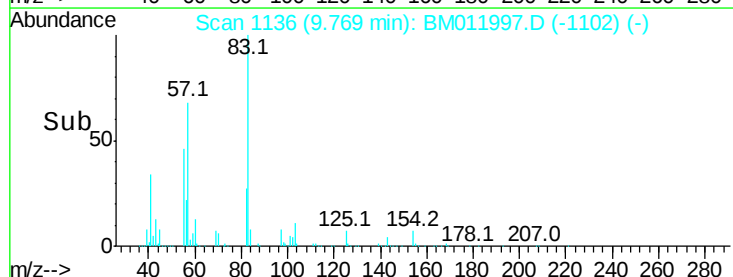
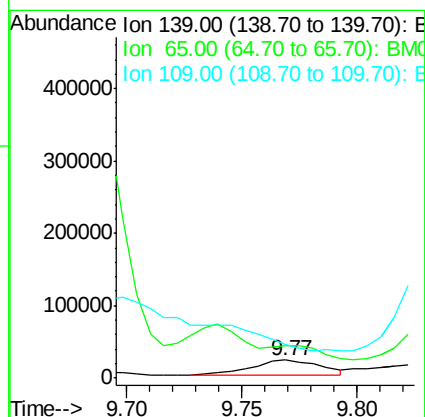
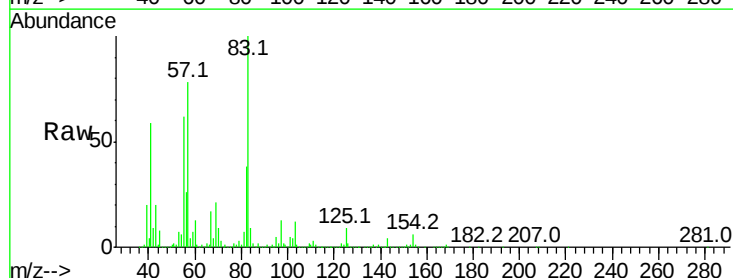
Tgt Ion: 139 Resp: 43688

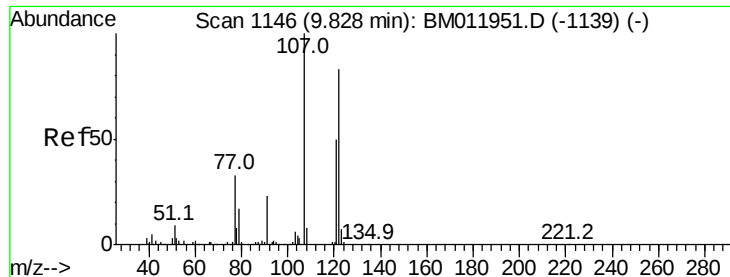
Ion Ratio Lower Upper

139 100

65 179.5 55.4 83.0#

109 185.0 42.2 63.2#

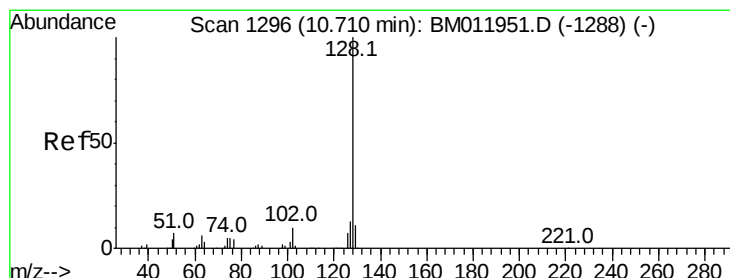
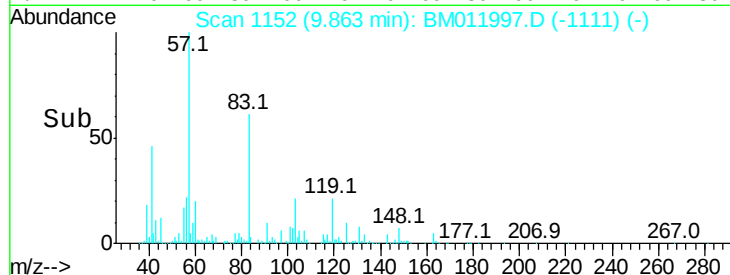
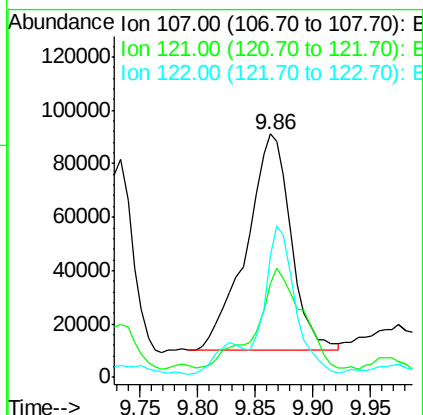
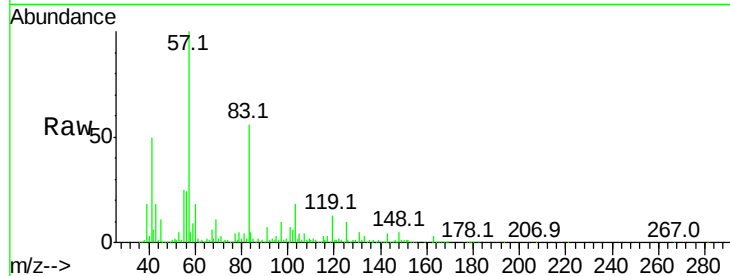




#24
2,4-Dimethylphenol
Concen: 9.010 ng/ul
RT: 9.86 min Scan# 1152
Delta R.T. 0.04 min
Lab File: BM011997.D
Acq: 09 Oct 2017 03:27

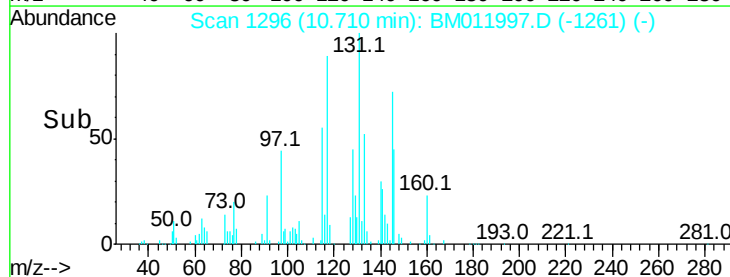
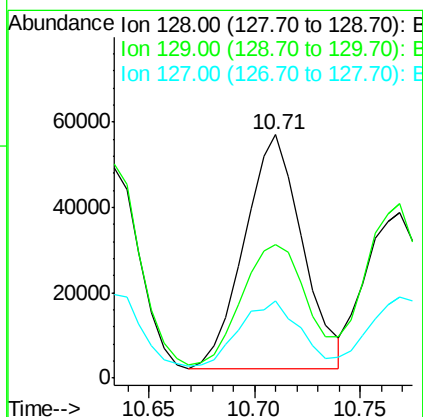
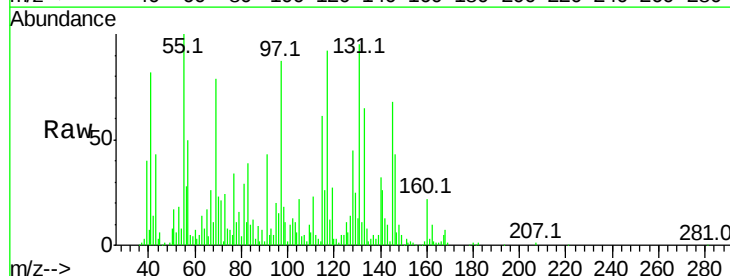
Instrument :
BNA_M
ClientSampled :

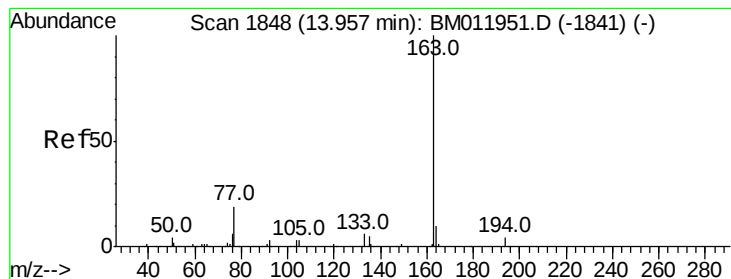
Tot Ion:107 Resp: 217616
Ion Ratio Lower Upper
107 100
121 38.6 31.9 47.9
122 50.1 57.8 86.6#



#28
Naphthalene
Concen: 1.572 ng/ul
RT: 10.71 min Scan# 1296
Delta R.T. 0.01 min
Lab File: BM011997.D
Acq: 09 Oct 2017 03:27

Tgt Ion:128 Resp: 105357
Ion Ratio Lower Upper
128 100
129 54.6 8.8 13.2#
127 31.5 10.6 16.0#





#44

Dimethylphthalate

Concen: 2.275 ng/ul

RT: 13.99 min Scan# 1853

Delta R.T. 0.04 min

Lab File: BM011997.D

Acq: 09 Oct 2017 03:27

Instrument :

BNA_M

ClientSampleId :

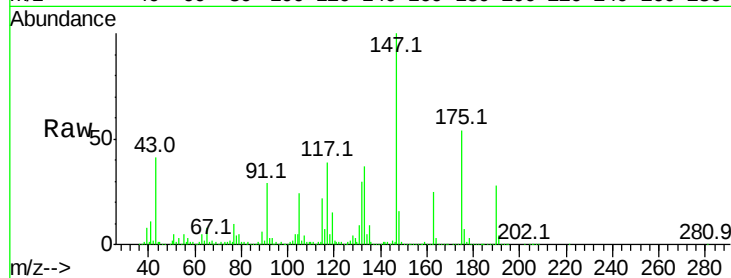
Tot Ion:163 Resp: 680810

Ion Ratio Lower Upper

163 100

194 0.2 3.5 5.3#

164 11.5 8.2 12.4



Abundance

Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

