

Data Path : Z:\HPCHEM1\BNA M\DATA\BM102417\
 Data File : BM012432.D
 Acq On : 25 Oct 2017 00:14
 Operator : SJ/JU
 Sample : I6032-06
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 TWP-B-31

Quant Time: Oct 25 00:59:18 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM102417.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Oct 25 00:51:00 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.88	152	629202	20.00	ng/ul	0.00
18) Naphthalene-d8	10.67	136	2705547	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.51	164	1778171	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.24	188	4009487	20.00	ng/ul	0.00
75) Chrysene-d12	21.42	240	3494184	20.00	ng/ul	0.00
83) Perylene-d12	23.72	264	3085335	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.36	96	91969	7.47	ng/uL	0.00
5) Phenol-d5	7.04	99	432269	8.22	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.21	67	950481	30.46	ng/ul	0.00
9) 2-Chlorophenol-d4	7.42	132	1010618	25.67	ng/ul	0.00
13) 4-Methylphenol-d8	8.58	113	811594	18.07	ng/ul	0.00
19) Nitrobenzene-d5	9.03	128	667788	39.41	ng/ul	0.00
22) 2-Nitrophenol-d4	9.76	143	634537	36.35	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.29	165	1349219	29.18	ng/ul	0.00
29) 4-Chloroaniline-d4	10.79	131	355275	7.29	ng/ul	-0.02
43) Dimethylphthalate-d6	13.92	166	4619283	29.74	ng/ul	0.00
46) Acenaphthylene-d8	14.20	160	5631457	30.65	ng/ul	0.00
51) 4-Nitrophenol-d4	14.70	143	183339	7.94	ng/ul	0.00
57) Fluorene-d10	15.50	176	3913778	29.77	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.61	200	620393	31.97	ng/ul	0.00
70) Anthracene-d10	17.34	188	6040981	31.62	ng/ul	0.00
76) Pyrene-d10	19.63	212	6133957	38.26	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.57	264	4645921	31.70	ng/ul	0.00

Target Compounds

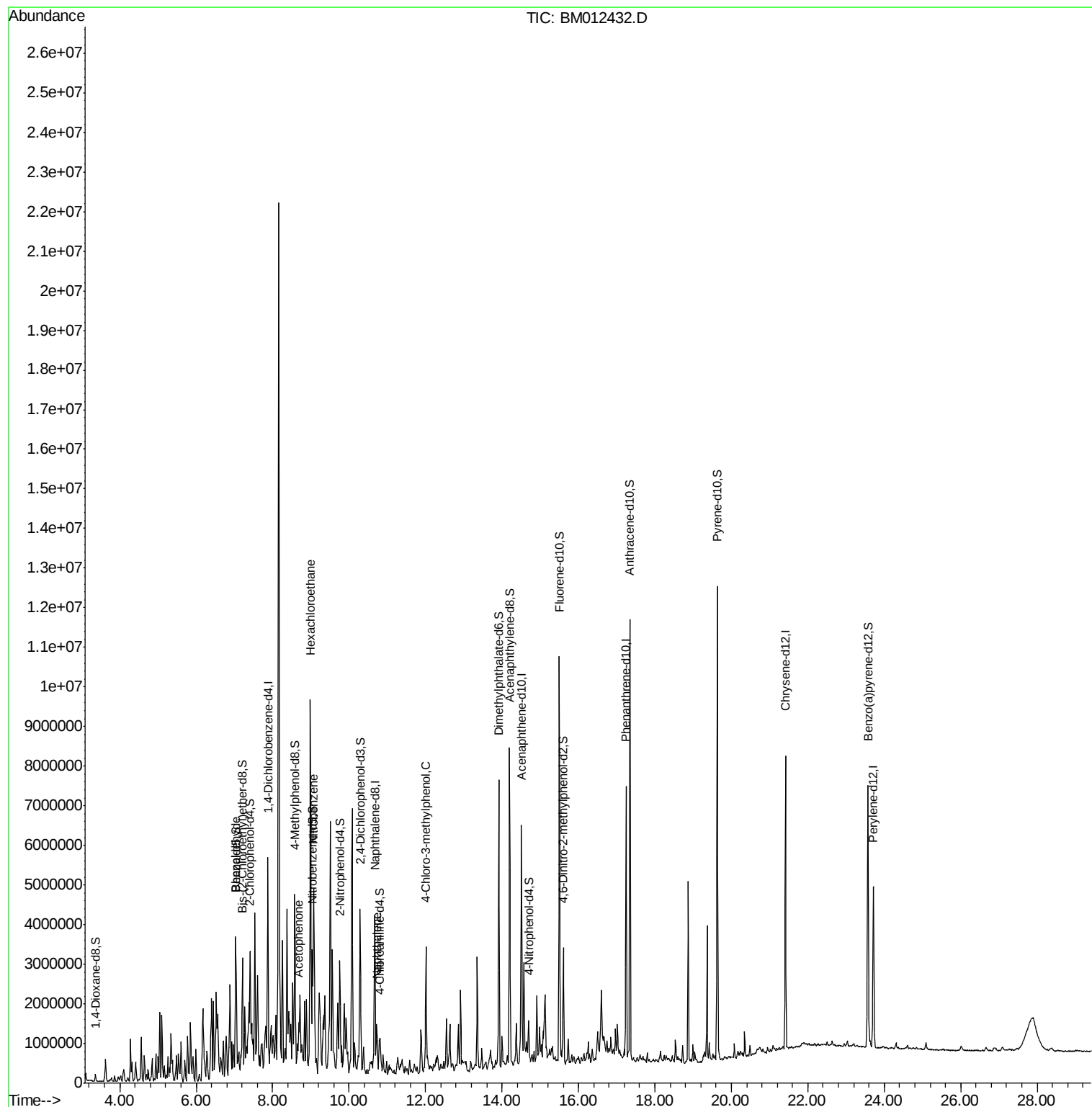
						Ovalue
4) Benzaldehyde	7.03	77	48040	1.68	ng/ul#	15
14) Acetophenone	8.69	105	608322	8.62	ng/ul#	29
17) Hexachloroethane	8.99	117	761449	44.60	ng/ul#	1
20) Nitrobenzene	9.07	77	324508	6.65	ng/ul#	21
28) Naphthalene	10.72	128	219611	1.64	ng/ul#	81
33) 4-Chloro-3-methylphenol	12.01	107	675695	13.33	ng/ul#	21

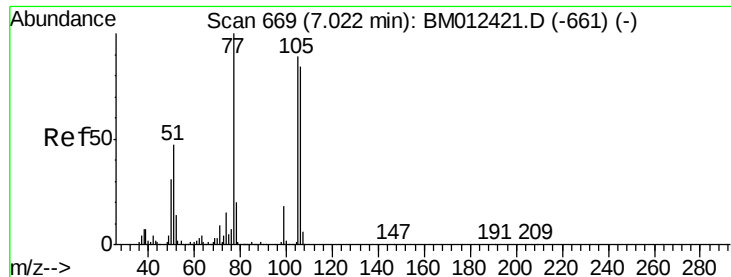
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#4

Benzaldehyde

Concen: 1.68 ng/ul

RT: 7.03 min Scan# 671

Delta R.T. 0.01 min

Lab File: BM012432.D

Acq: 25 Oct 2017 00:14

Instrument :

BNA_M

ClientSampled :

TWP-B-31

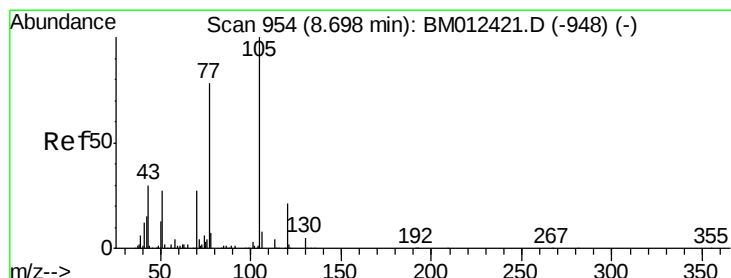
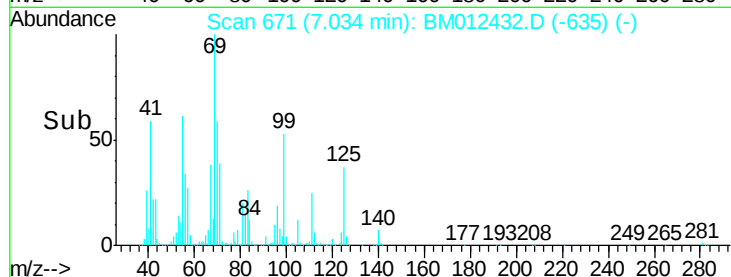
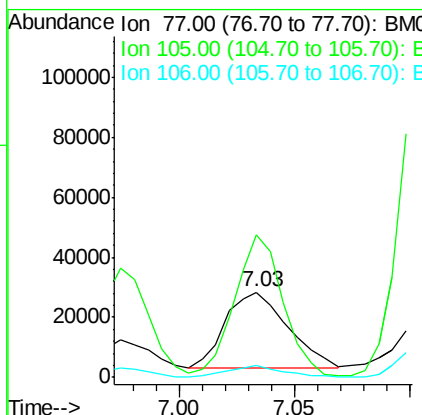
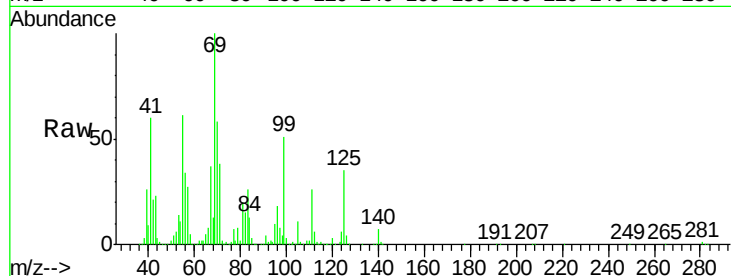
Tot Ion: 77 Resp: 48040

Ion Ratio Lower Upper

77 100

105 166.8 66.1 99.1#

106 14.5 67.8 101.6#



#14

Acetophenone

Concen: 8.62 ng/ul

RT: 8.69 min Scan# 952

Delta R.T. -0.01 min

Lab File: BM012432.D

Acq: 25 Oct 2017 00:14

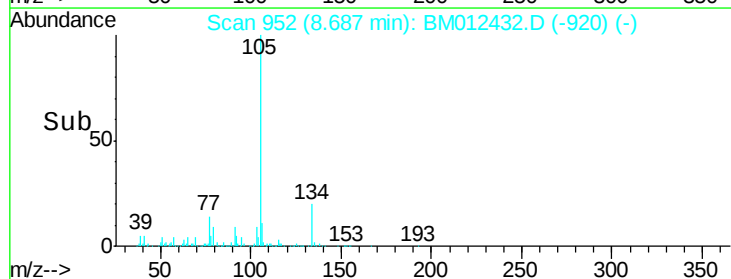
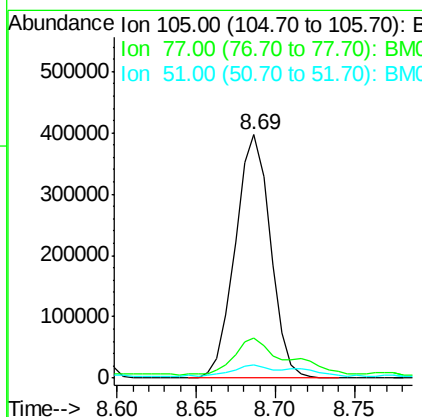
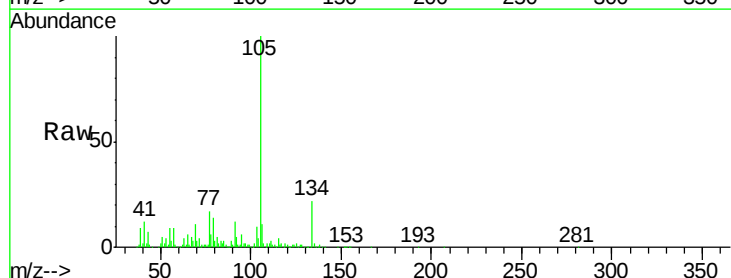
Tgt Ion: 105 Resp: 608322

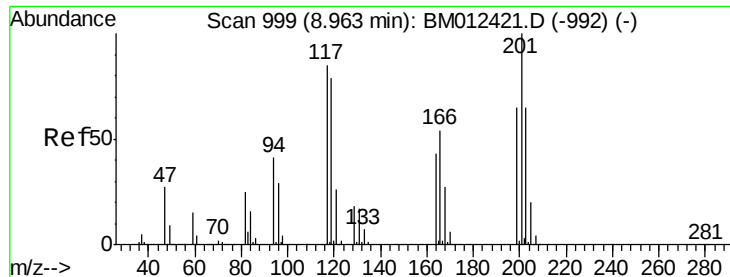
Ion Ratio Lower Upper

105 100

77 16.5 74.2 111.4#

51 5.4 23.4 35.2#





#17

Hexachloroethane

Concen: 44.60 ng/ul

RT: 8.99 min Scan# 1003

Delta R.T. 0.02 min

Lab File: BM012432.D

Acq: 25 Oct 2017 00:14

Instrument :

BNA_M

ClientSampled :

TWP-B-31

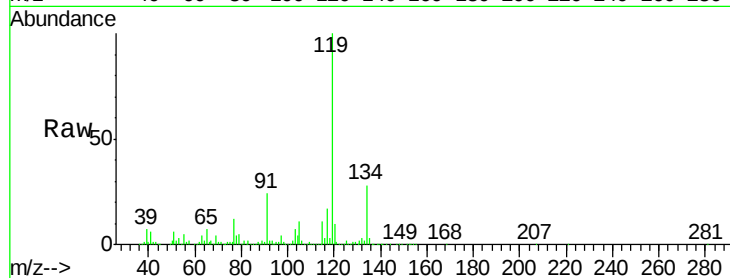
Tot Ion:117 Resp: 761449

Ion Ratio Lower Upper

117 100

201 0.0 111.6 167.4#

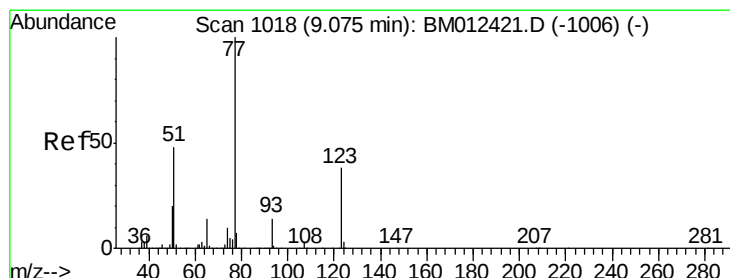
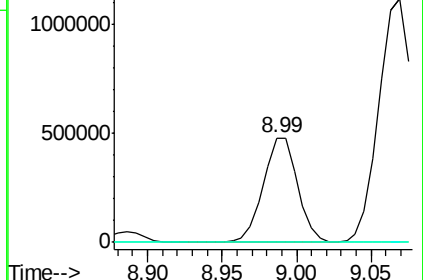
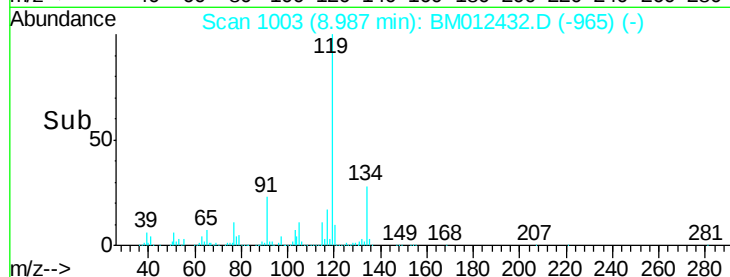
199 0.0 67.8 101.6#



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: 6.65 ng/ul

RT: 9.07 min Scan# 1018

Delta R.T. 0.00 min

Lab File: BM012432.D

Acq: 25 Oct 2017 00:14

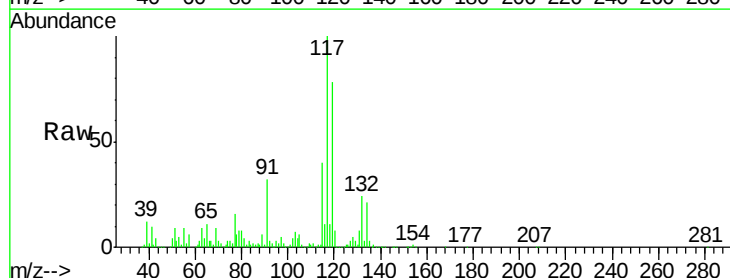
Tgt Ion: 77 Resp: 324508

Ion Ratio Lower Upper

77 100

123 3.1 31.0 46.6#

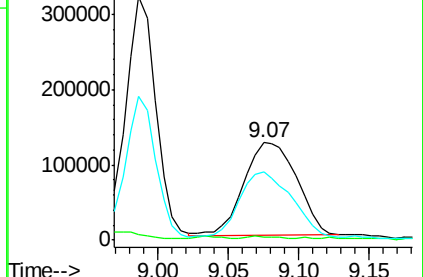
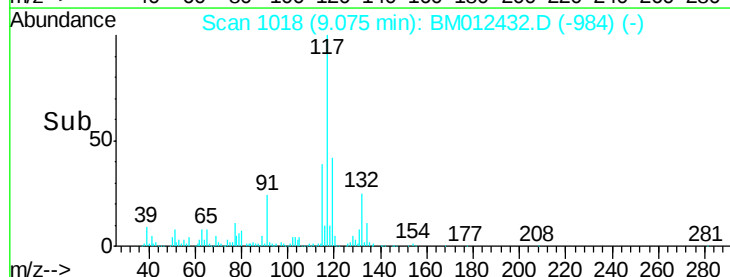
65 69.9 12.2 18.2#

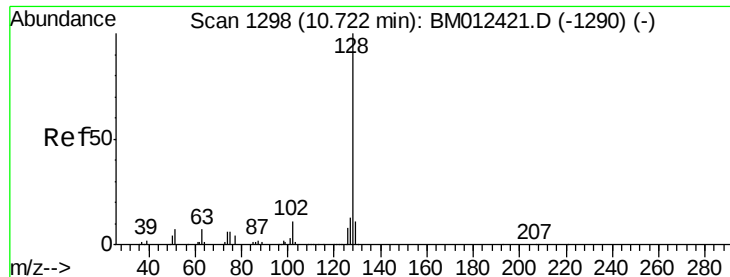


Abundance Ion 77.00 (76.70 to 77.70): BMC

Ion 123.00 (122.70 to 123.70): BMC

Ion 65.00 (64.70 to 65.70): BMC

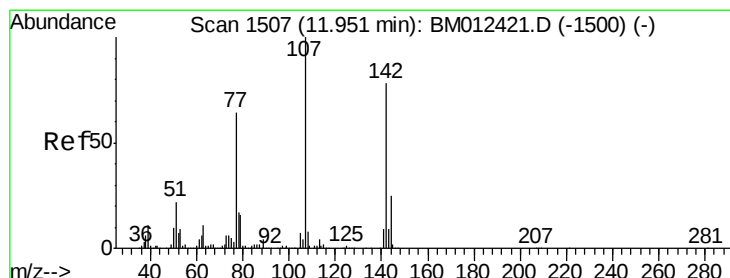
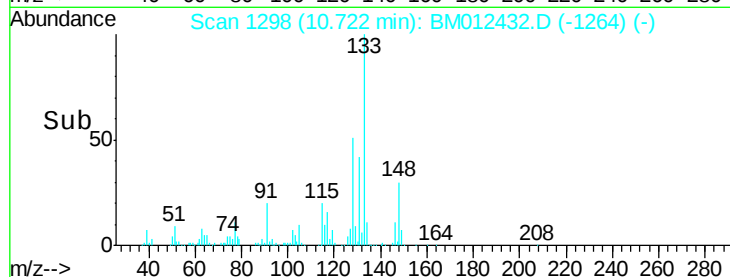
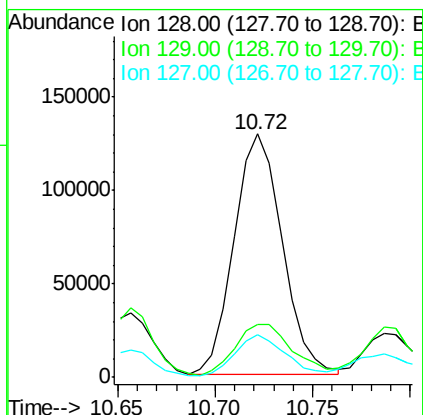
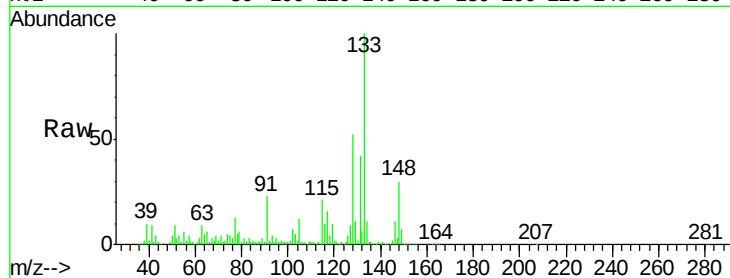




#28
Naphthalene
Concen: 1.64 ng/ul
RT: 10.72 min Scan# 1298
Delta R.T. 0.00 min
Lab File: BM012432.D
Acq: 25 Oct 2017 00:14

Instrument :
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Tot Ion:128 Resp: 219611
Ion Ratio Lower Upper
128 100
129 22.0 8.8 13.2#
127 17.5 10.6 16.0#



#33
4-Chloro-3-methylphenol
Concen: 13.33 ng/ul
RT: 12.01 min Scan# 1517
Delta R.T. 0.06 min
Lab File: BM012432.D
Acq: 25 Oct 2017 00:14

Tgt Ion:107 Resp: 675695
Ion Ratio Lower Upper
107 100
144 0.0 20.4 30.6#
142 0.0 60.5 90.7#

