

Data Path : Z:\HPCHEM1\BNA M\DATA\BM022318\
 Data File : BM014333.D
 Acq On : 23 Feb 2018 16:32
 Operator : SJ/JU
 Sample : J1631-17
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Feb 23 23:18:06 2018
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM021418.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Feb 23 23:12:42 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.53	152	88994	20.00	ng/ul	0.00
18) Naphthalene-d8	10.29	136	423005	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.18	164	284068	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.94	188	683282	20.00	ng/ul	0.00
75) Chrysene-d12	21.15	240	576138	20.00	ng/ul	0.00
83) Perylene-d12	23.32	264	510124	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.10	96	12138	5.84	ng/uL	0.00
5) Phenol-d5	6.72	99	213916	28.44	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.88	67	139223	30.58	ng/ul	0.00
9) 2-Chlorophenol-d4	7.06	132	170708	29.60	ng/ul	0.00
13) 4-Methylphenol-d8	8.25	113	187966	28.56	ng/ul	0.00
19) Nitrobenzene-d5	8.69	128	89576	28.66	ng/ul	0.00
22) 2-Nitrophenol-d4	9.40	143	96939	29.96	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.93	165	185199	27.64	ng/ul	0.00
29) 4-Chloroaniline-d4	10.46	131	74309	11.26	ng/ul	0.00
43) Dimethylphthalate-d6	13.60	166	712326	30.37	ng/ul	0.00
46) Acenaphthylene-d8	13.87	160	900128	31.12	ng/ul	0.00
51) 4-Nitrophenol-d4	14.44	143	47445	14.65	ng/ul	0.01
57) Fluorene-d10	15.19	176	653898	31.11	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.34	200	85721	20.91	ng/ul	0.00
70) Anthracene-d10	17.04	188	1018123	30.88	ng/ul	0.00
76) Pyrene-d10	19.34	212	1069073	35.98	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.18	264	759172	30.58	ng/ul	0.00

Target Compounds

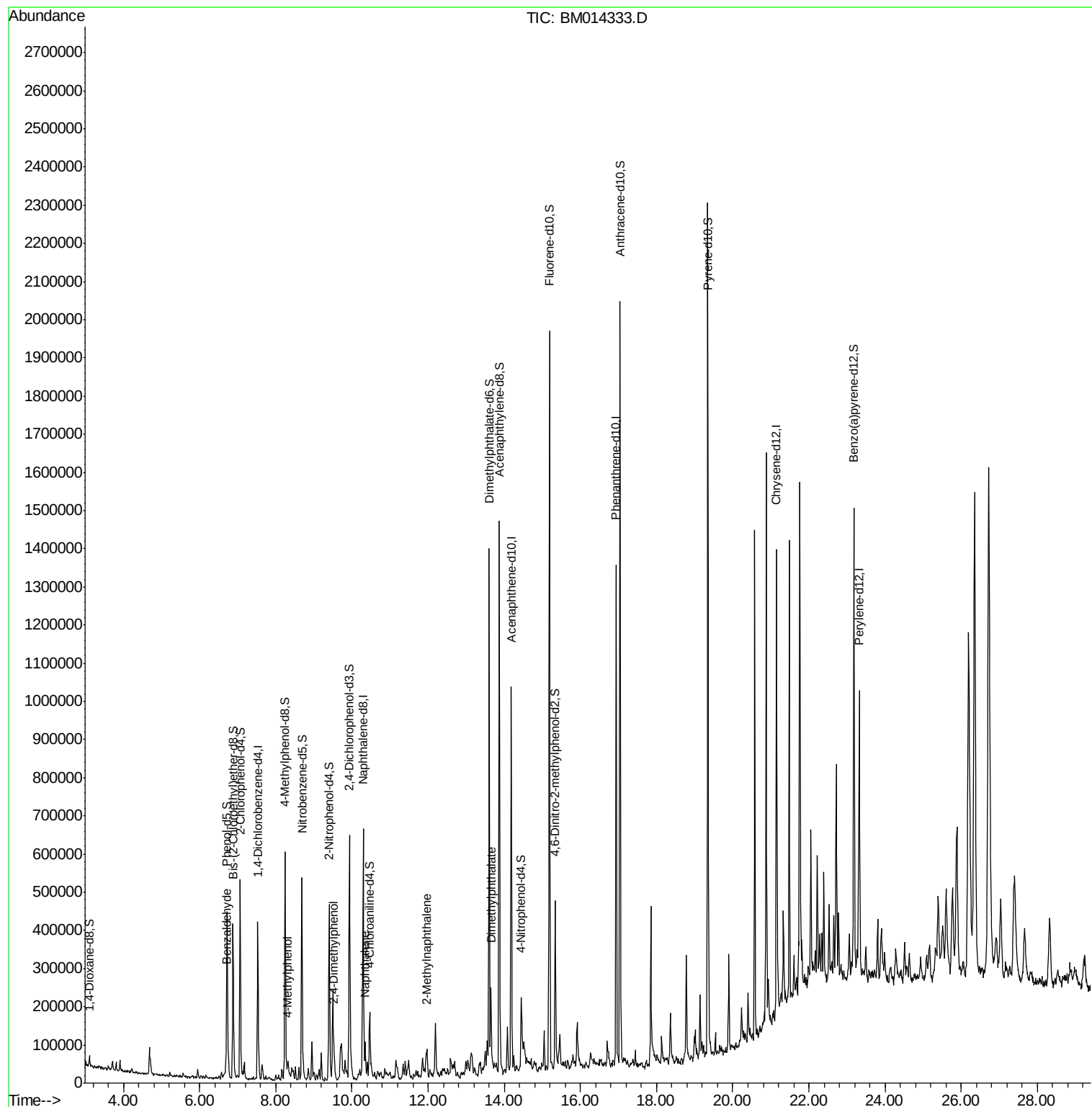
					Ovalue
4) Benzaldehyde	6.70	77	19596	6.390	ng/ul 88
16) 4-Methylphenol	8.31	108	9795	1.489	ng/ul 96
24) 2,4-Dimethylphenol	9.53	107	18766	2.184	ng/ul 92
28) Naphthalene	10.35	128	44461	2.046	ng/ul 94
34) 2-Methylnaphthalene	11.97	142	22002	1.331	ng/ul 92
44) Dimethylphthalate	13.65	163	102732	4.441	ng/ul# 94

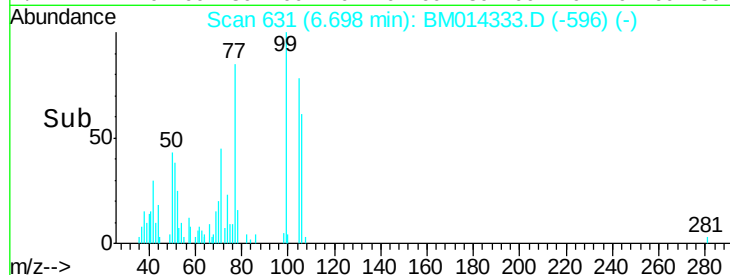
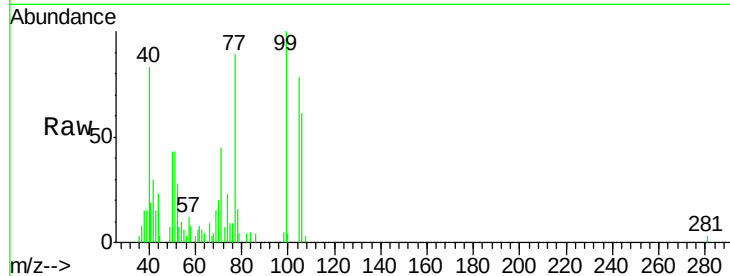
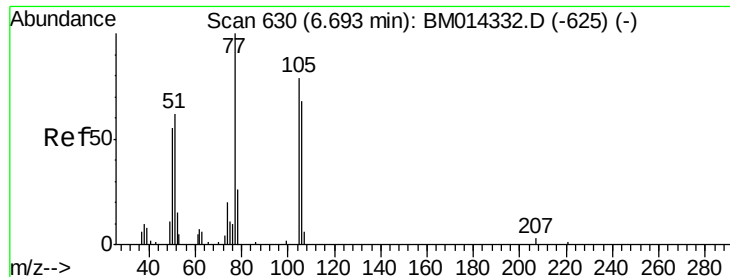
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#4

Benzaldehyde

Concen: 6.390 ng/ul

RT: 6.70 min Scan# 631

Delta R.T. 0.01 min

Lab File: BM014333.D

Acq: 23 Feb 2018 16:32

Instrument :

BNA_M

ClientSampled :

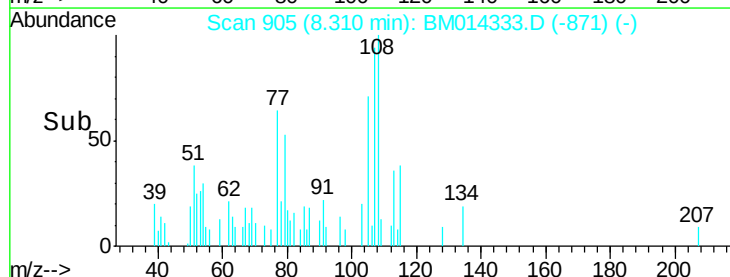
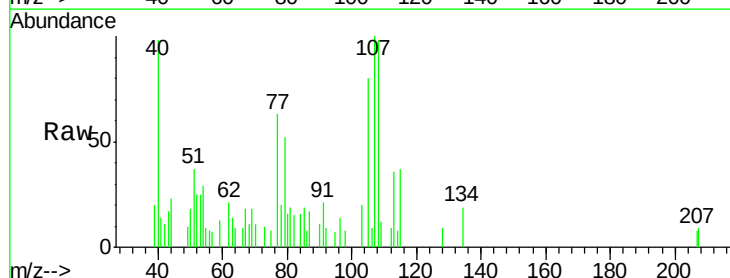
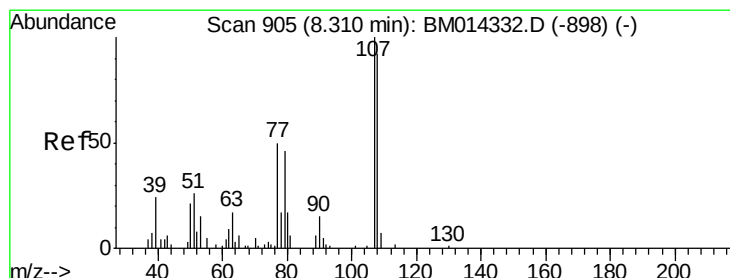
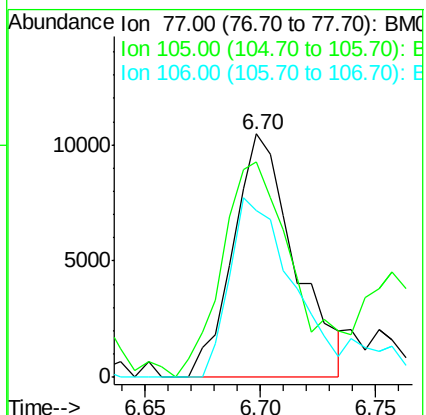
Tot Ion: 77 Resp: 19596

Ion Ratio Lower Upper

77 100

105 88.5 66.1 99.1

106 68.5 67.8 101.6



#16

4-Methylphenol

Concen: 1.489 ng/ul

RT: 8.31 min Scan# 905

Delta R.T. -0.00 min

Lab File: BM014333.D

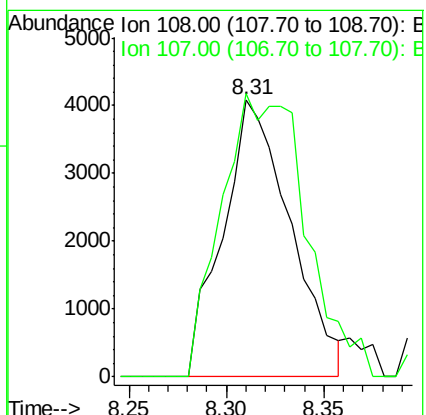
Acq: 23 Feb 2018 16:32

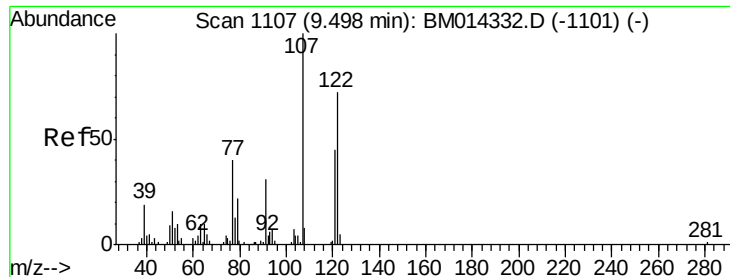
Tgt Ion: 108 Resp: 9795

Ion Ratio Lower Upper

108 100

107 102.1 84.9 127.3

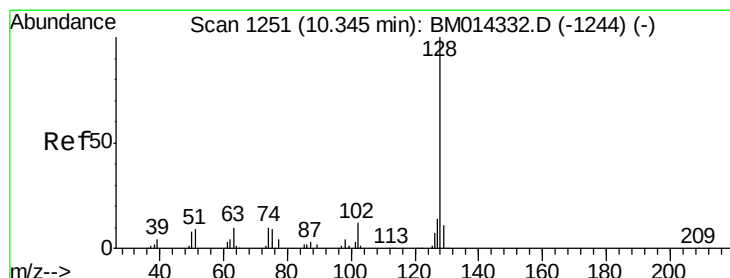
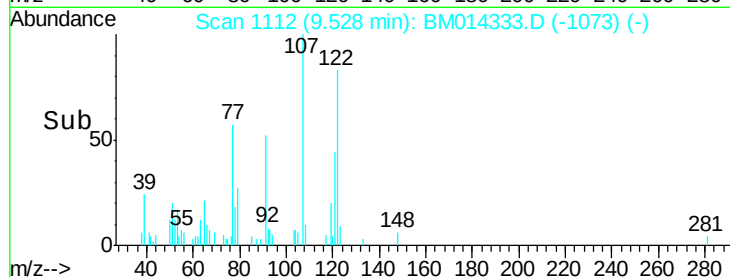
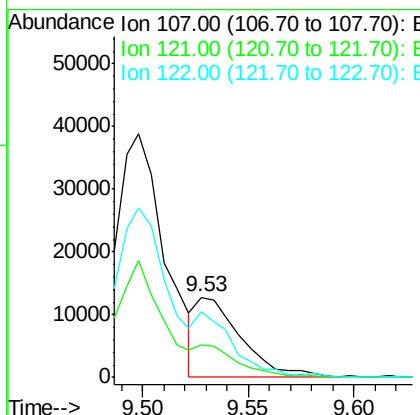
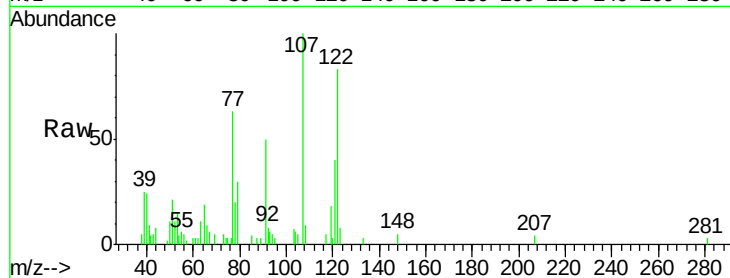




#24
 2,4-Dimethylphenol
 Concen: 2.184 ng/ul
 RT: 9.53 min Scan# 1112
 Delta R.T. 0.03 min
 Lab File: BM014333.D
 Acq: 23 Feb 2018 16:32

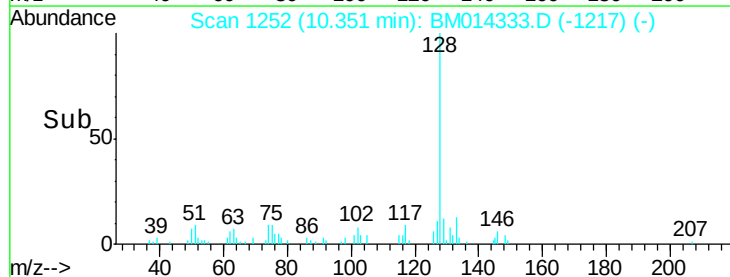
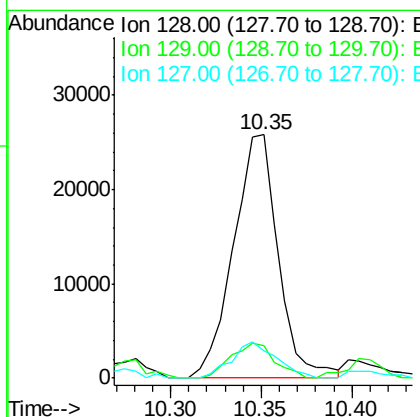
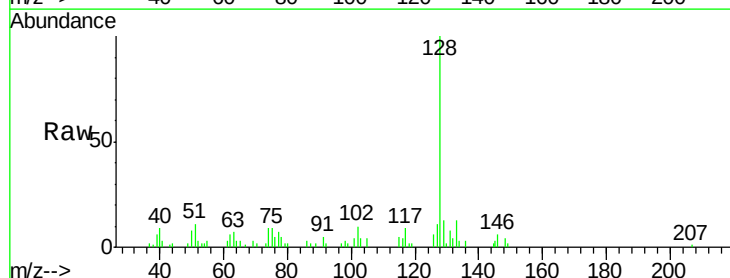
Instrument :
 BNA_M
 ClientSampleId :

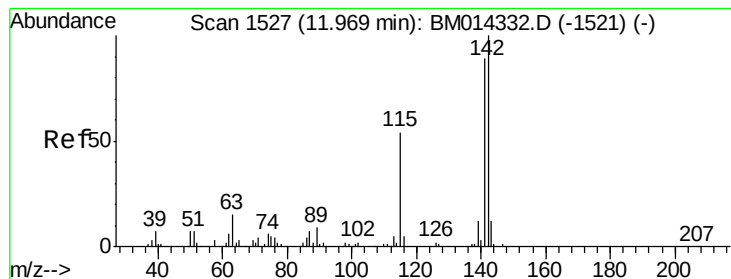
Tot Ion:107 Resp: 18766
 Ion Ratio Lower Upper
 107 100
 121 40.0 31.9 47.9
 122 82.6 57.8 86.6



#28
 Naphthalene
 Concen: 2.046 ng/ul
 RT: 10.35 min Scan# 1252
 Delta R.T. 0.01 min
 Lab File: BM014333.D
 Acq: 23 Feb 2018 16:32

Tgt Ion:128 Resp: 44461
 Ion Ratio Lower Upper
 128 100
 129 13.2 8.8 13.2
 127 11.1 10.6 16.0





#34

2-Methylnaphthalene

Concen: 1.331 ng/ul

RT: 11.97 min Scan# 1528

Delta R.T. 0.01 min

Lab File: BM014333.D

Acq: 23 Feb 2018 16:32

Instrument :

BNA_M

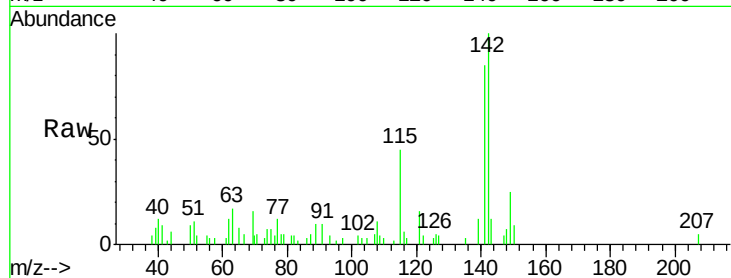
ClientSampleId :

Tot Ion:142 Resp: 22002

Ion Ratio Lower Upper

142 100

141 84.8 74.1 111.1



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

15000

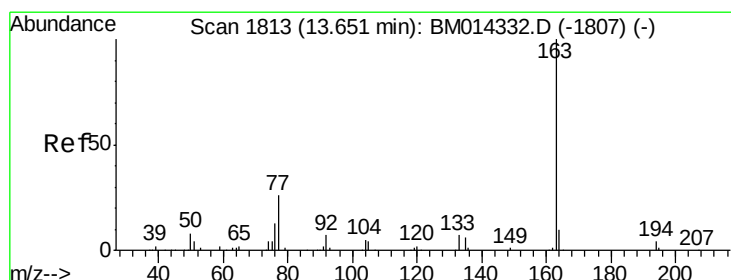
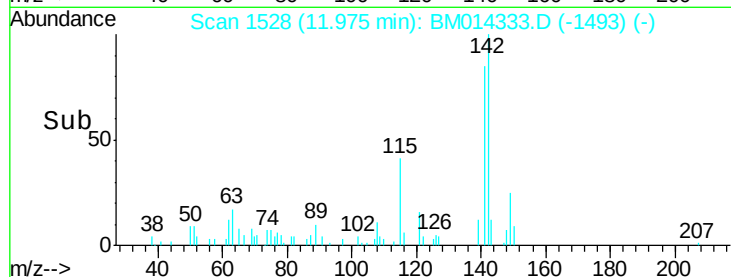
10000

5000

0

11.95 11.97 12.00

Time-->



#44

Dimethylphthalate

Concen: 4.441 ng/ul

RT: 13.65 min Scan# 1813

Delta R.T. -0.00 min

Lab File: BM014333.D

Acq: 23 Feb 2018 16:32

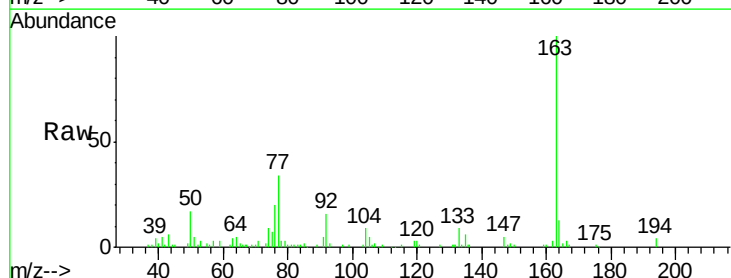
Tgt Ion:163 Resp: 102732

Ion Ratio Lower Upper

163 100

194 3.5 3.5 5.3

164 13.0 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

80000

60000

40000

20000

0

13.60 13.65 13.70

Time-->

