

Data Path : Z:\HPCHEM1\BNA M\DATA\BM012518\
 Data File : BM013815.D
 Acq On : 25 Jan 2018 20:48
 Operator : SJ/JU
 Sample : J1243-18
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Jan 26 00:25:46 2018
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM011018.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Jan 26 00:22:17 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	114450	20.00	ng/ul	0.00
18) Naphthalene-d8	10.37	136	421921	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.24	164	243325	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.00	188	565650	20.00	ng/ul	0.00
75) Chrysene-d12	21.20	240	612290	20.00	ng/ul	0.00
83) Perylene-d12	23.39	264	597587	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.15	96	12185	4.21	ng/uL	0.00
5) Phenol-d5	6.78	99	223240	25.41	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.94	67	135149	25.39	ng/ul	0.00
9) 2-Chlorophenol-d4	7.13	132	198962	27.79	ng/ul	0.00
13) 4-Methylphenol-d8	8.30	113	192867	28.55	ng/ul	-0.01
19) Nitrobenzene-d5	8.75	128	101161	30.90	ng/ul	0.00
22) 2-Nitrophenol-d4	9.46	143	110007	31.80	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.00	165	196092	29.34	ng/ul	0.00
29) 4-Chloroaniline-d4	10.52	131	234212	40.39	ng/ul	0.00
43) Dimethylphthalate-d6	13.66	166	630638	31.45	ng/ul	0.00
46) Acenaphthylene-d8	13.93	160	771094	30.15	ng/ul	0.00
51) 4-Nitrophenol-d4	14.49	143	70121	21.52	ng/ul	0.00
57) Fluorene-d10	15.24	176	522931	29.65	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.39	200	75108	22.06	ng/ul	0.00
70) Anthracene-d10	17.10	188	797544	28.95	ng/ul	0.00
76) Pyrene-d10	19.40	212	899682	31.56	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.25	264	860644	31.33	ng/ul	0.00

Target Compounds

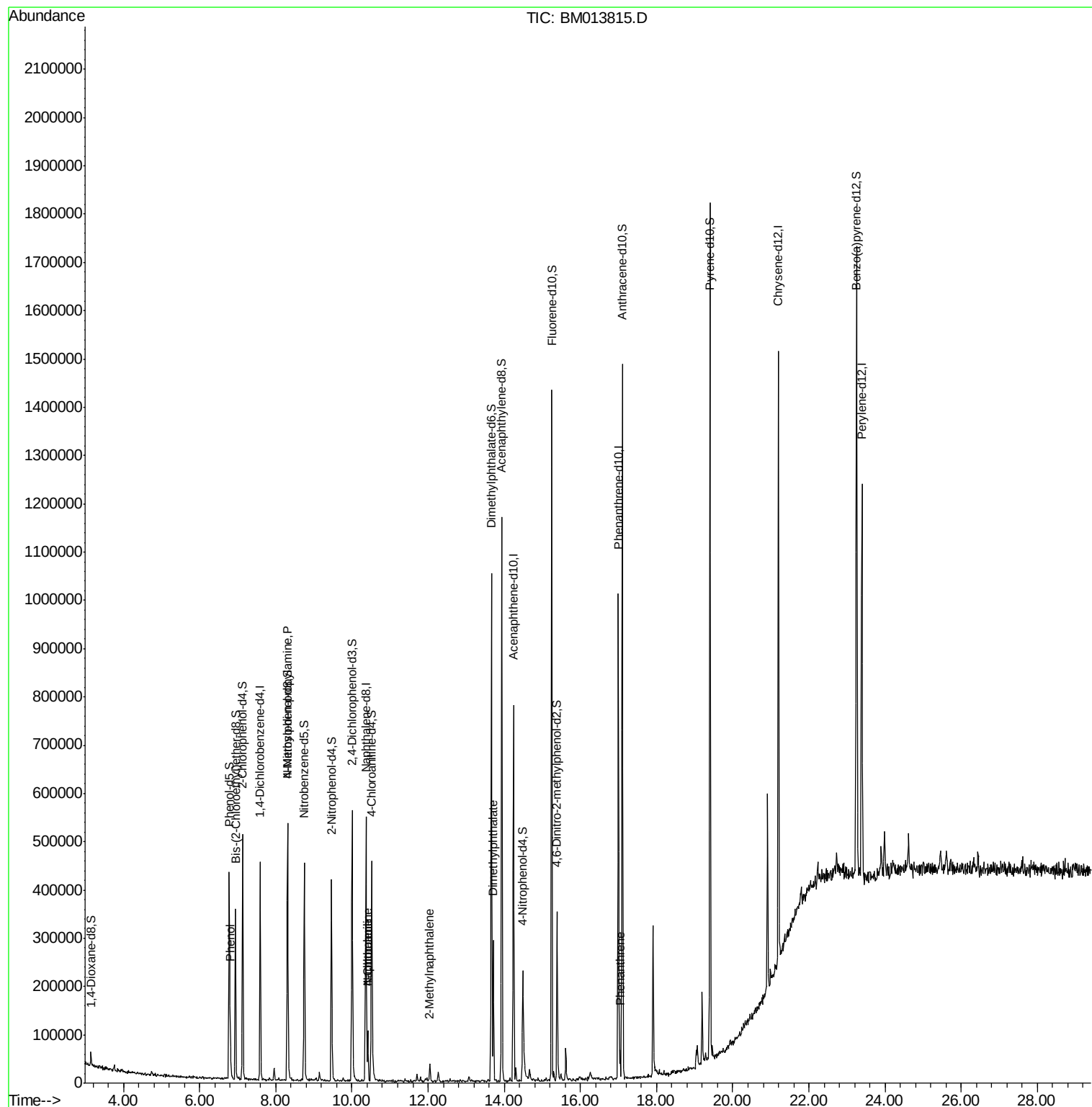
					Ovalue
6) Phenol	6.80	94	33298	3.778 ng/ul	95
15) N-Nitroso-di-n-propylamine	8.30	70	5969	1.095 ng/ul#	1
28) Naphthalene	10.42	128	79178	3.772 ng/ul	98
30) 4-Chloroaniline	10.42	127	10994	1.912 ng/ul#	38
34) 2-Methylnaphthalene	12.05	142	20518	1.311 ng/ul	87
44) Dimethylphthalate	13.71	163	173633	8.806 ng/ul	99
69) Phenanthrene	17.04	178	31701	1.008 ng/ul#	96

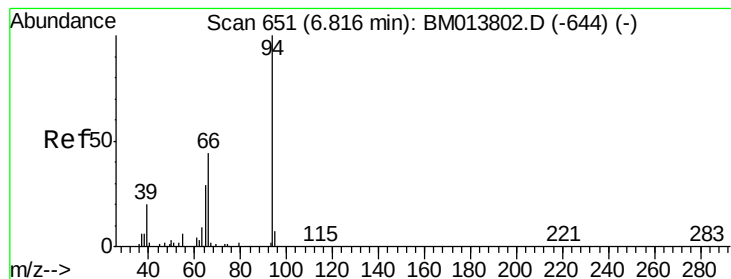
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Phenol

Concen: 3.778 ng/ul

RT: 6.80 min Scan# 649

Delta R.T. -0.01 min

Lab File: BM013815.D

Acq: 25 Jan 2018 20:48

Instrument :

BNA_M

ClientSampled :

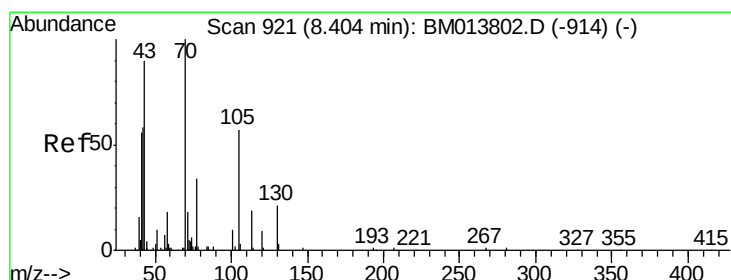
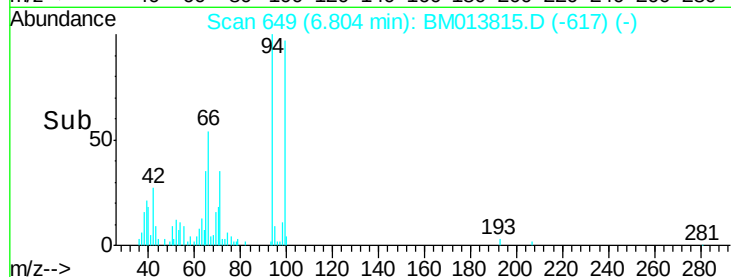
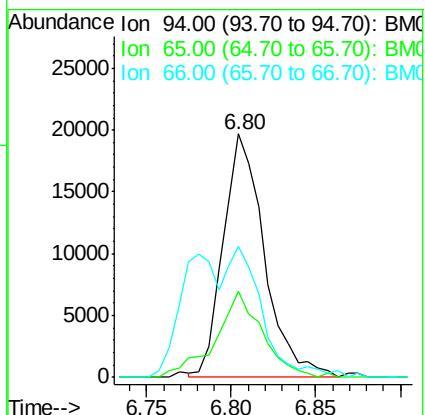
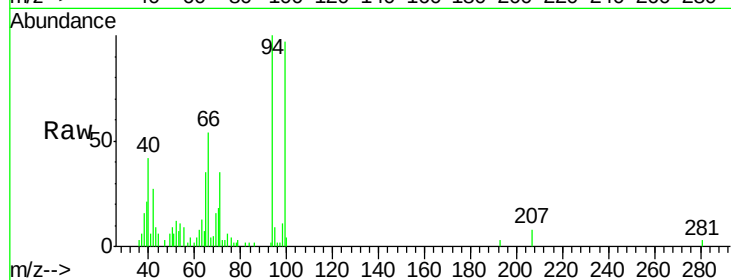
Tot Ion: 94 Resp: 33298

Ion Ratio Lower Upper

94 100

65 35.5 28.2 42.4

66 53.6 47.2 70.8



#15

N-Nitroso-di-n-propylamine

Concen: 1.095 ng/ul

RT: 8.30 min Scan# 904

Delta R.T. -0.10 min

Lab File: BM013815.D

Acq: 25 Jan 2018 20:48

Tgt Ion: 70 Resp: 5969

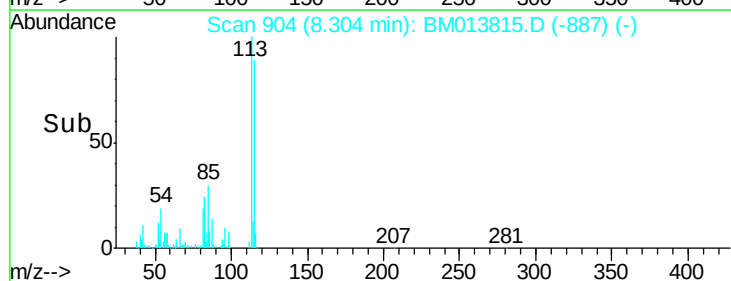
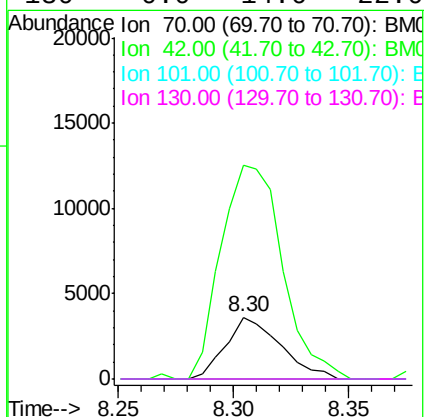
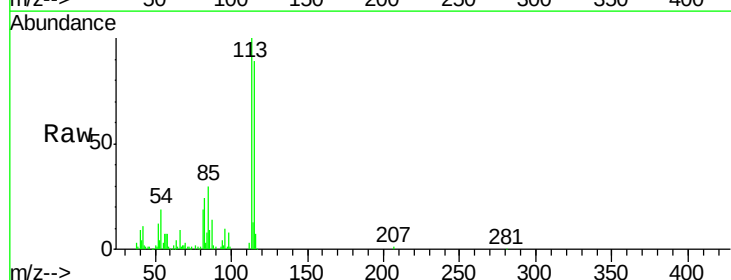
Ion Ratio Lower Upper

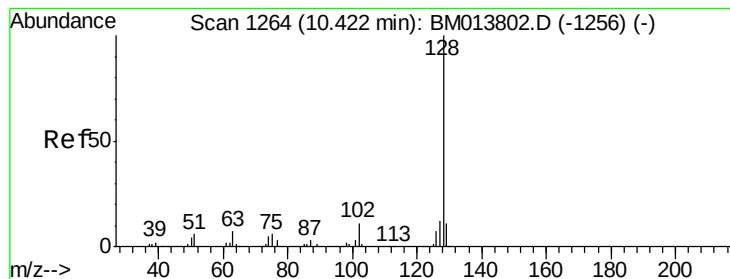
70 100

42 345.8 76.0 114.0#

101 0.0 6.7 10.1#

130 0.0 14.6 22.0#





#28

Naphthalene

Concen: 3.772 ng/ul

RT: 10.42 min Scan# 1263

Delta R.T. -0.01 min

Lab File: BM013815.D

Acq: 25 Jan 2018 20:48

Instrument :

BNA_M

ClientSampleId :

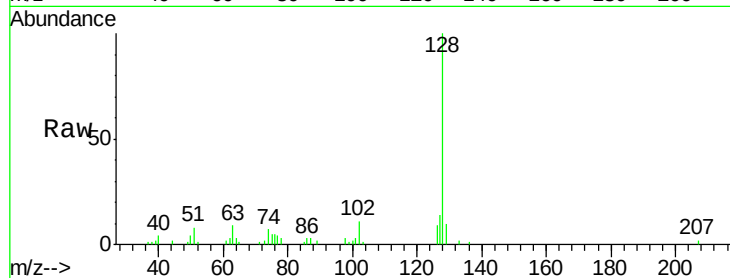
Tot Ion:128 Resp: 79178

Ion Ratio Lower Upper

128 100

129 10.3 8.8 13.2

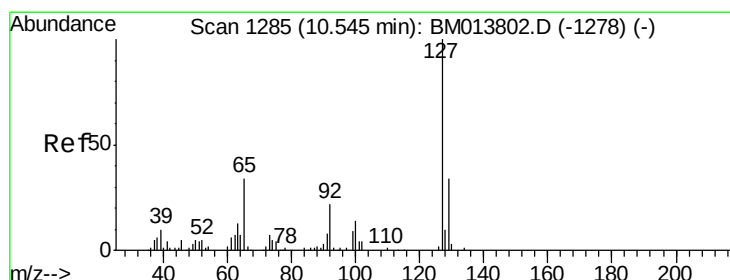
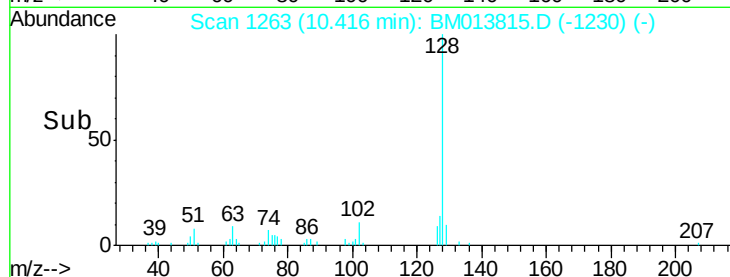
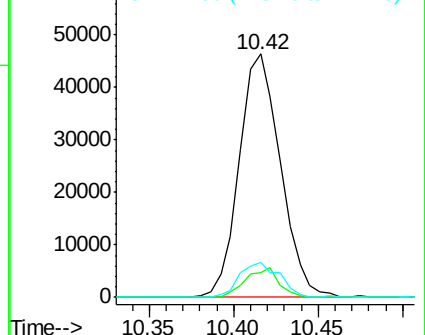
127 14.3 10.6 16.0



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



#30

4-Chloroaniline

Concen: 1.912 ng/ul

RT: 10.42 min Scan# 1263

Delta R.T. -0.13 min

Lab File: BM013815.D

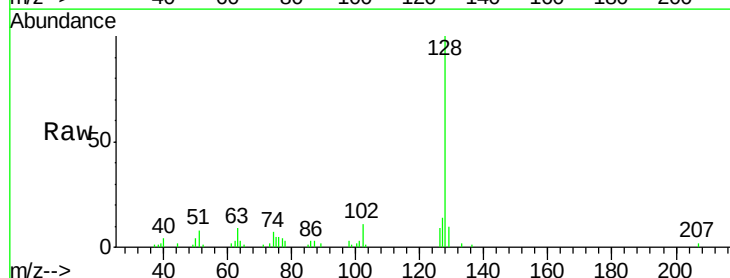
Acq: 25 Jan 2018 20:48

Tgt Ion:127 Resp: 10994

Ion Ratio Lower Upper

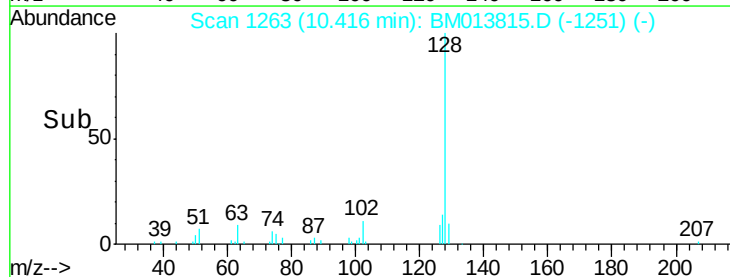
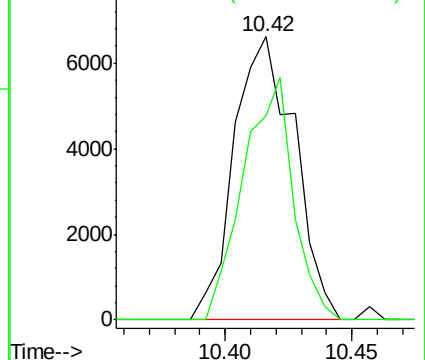
127 100

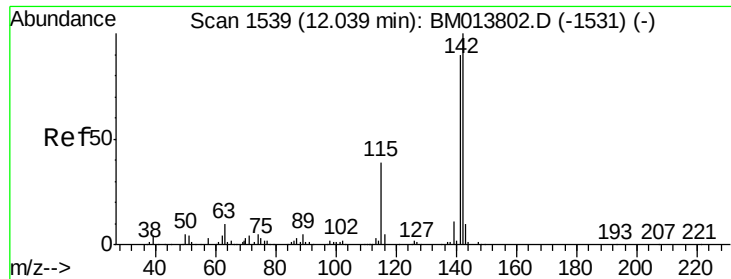
129 72.0 28.4 42.6#



Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

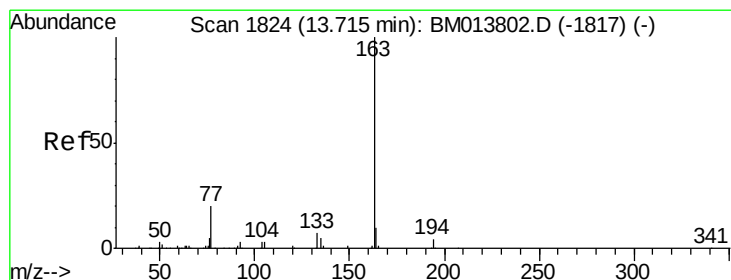
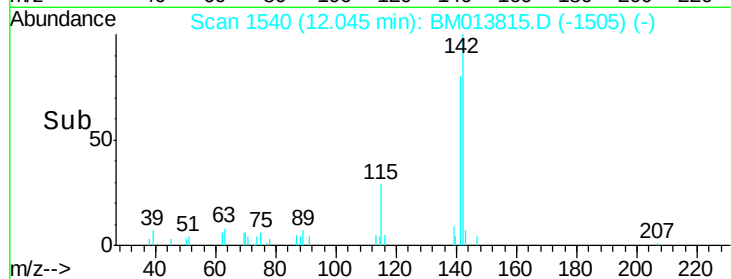
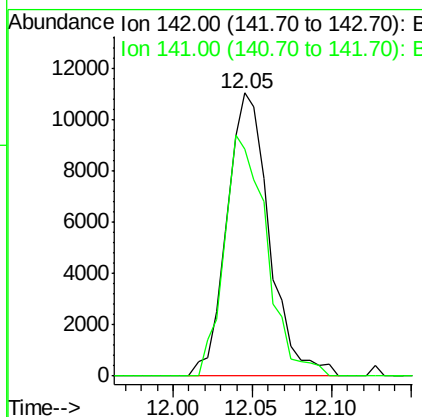
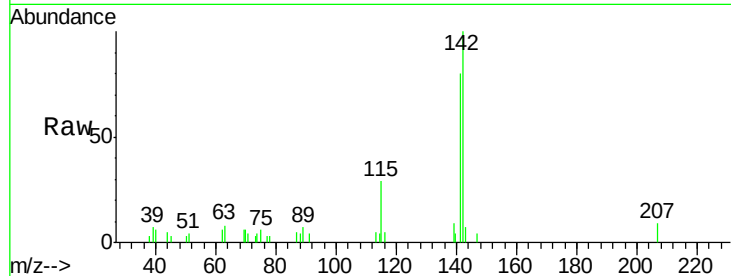




#34
 2-Methylnaphthalene
 Concen: 1.311 ng/ul
 RT: 12.05 min Scan# 1540
 Delta R.T. 0.01 min
 Lab File: BM013815.D
 Acq: 25 Jan 2018 20:48

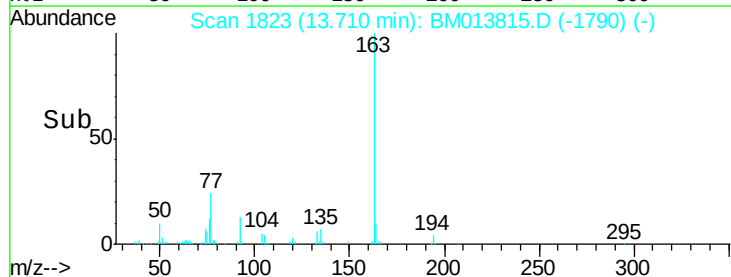
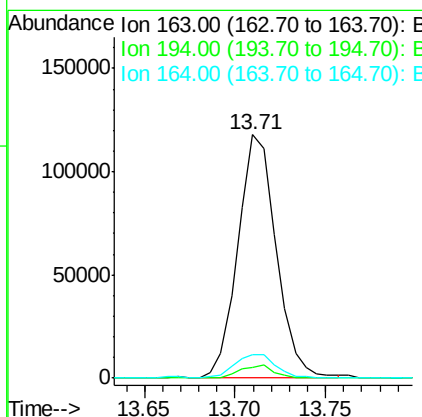
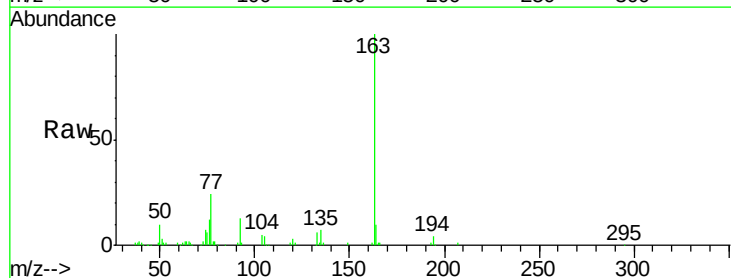
Instrument :
 BNA_M
 ClientSampleId :

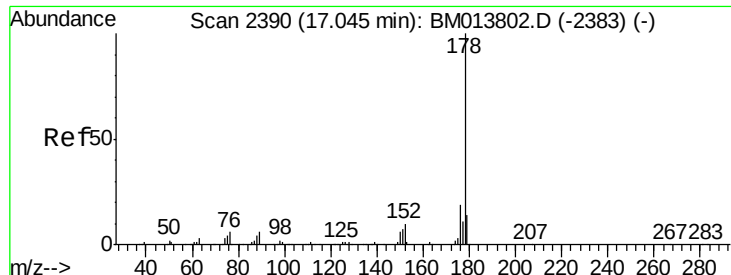
Tot Ion:142 Resp: 20518
 Ion Ratio Lower Upper
 142 100
 141 80.3 74.1 111.1



#44
 Dimethylphthalate
 Concen: 8.806 ng/ul
 RT: 13.71 min Scan# 1823
 Delta R.T. -0.01 min
 Lab File: BM013815.D
 Acq: 25 Jan 2018 20:48

Tgt Ion:163 Resp: 173633
 Ion Ratio Lower Upper
 163 100
 194 4.3 3.5 5.3
 164 9.7 8.2 12.4





#69

Phenanthrene

Concen: 1.008 ng/ul

RT: 17.04 min Scan# 2389

Delta R.T. -0.01 min

Lab File: BM013815.D

Acq: 25 Jan 2018 20:48

Instrument :

BNA_M

ClientSampleId :

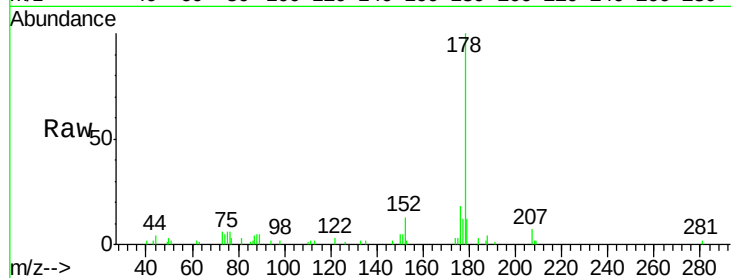
Tot Ion:178 Resp: 31701

Ion Ratio Lower Upper

178 100

179 11.9 12.6 19.0#

176 18.5 14.9 22.3



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E

