

Data Path : U:\HPCHEM1\BNA M\DATA\BM012418\
 Data File : BM013770.D
 Acq On : 24 Jan 2018 16:27
 Operator : SJ/JU
 Sample : J1223-03
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Jan 24 18:25:10 2018
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM011018.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jan 24 08:36:53 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	121957	20.00	ng/ul	0.00
18) Naphthalene-d8	10.37	136	461459	20.00	ng/ul	-0.01
35) Acenaphthene-d10	14.25	164	267100	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.00	188	639892	20.00	ng/ul	0.00
75) Chrysene-d12	21.20	240	734800	20.00	ng/ul	0.00
83) Perylene-d12	23.40	264	729141	20.00	ng/ul	-0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.15	96	13585	4.40	ng/uL	0.00
5) Phenol-d5	6.78	99	269832	28.82	ng/ul	-0.01
7) Bis-(2-Chloroethyl)ether-d	6.95	67	167989	29.61	ng/ul	0.00
9) 2-Chlorophenol-d4	7.13	132	235639	30.89	ng/ul	-0.01
13) 4-Methylphenol-d8	8.31	113	228588	31.76	ng/ul	-0.01
19) Nitrobenzene-d5	8.75	128	115394	32.23	ng/ul	-0.01
22) 2-Nitrophenol-d4	9.47	143	131286	34.70	ng/ul	-0.01
26) 2,4-Dichlorophenol-d3	10.00	165	228231	31.22	ng/ul	-0.01
29) 4-Chloroaniline-d4	10.52	131	291187	45.92	ng/ul	-0.01
43) Dimethylphthalate-d6	13.67	166	745934	33.89	ng/ul	0.00
46) Acenaphthylene-d8	13.94	160	920726	32.80	ng/ul	0.00
51) 4-Nitrophenol-d4	14.48	143	91031	25.44	ng/ul	0.00
57) Fluorene-d10	15.25	176	626897	32.38	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.39	200	79578	20.66	ng/ul	0.00
70) Anthracene-d10	17.10	188	999544	32.07	ng/ul	0.00
76) Pyrene-d10	19.40	212	1146219	33.50	ng/ul	-0.01
87) Benzo(a)pyrene-d12	23.26	264	1152367	34.39	ng/ul	-0.01

Target Compounds

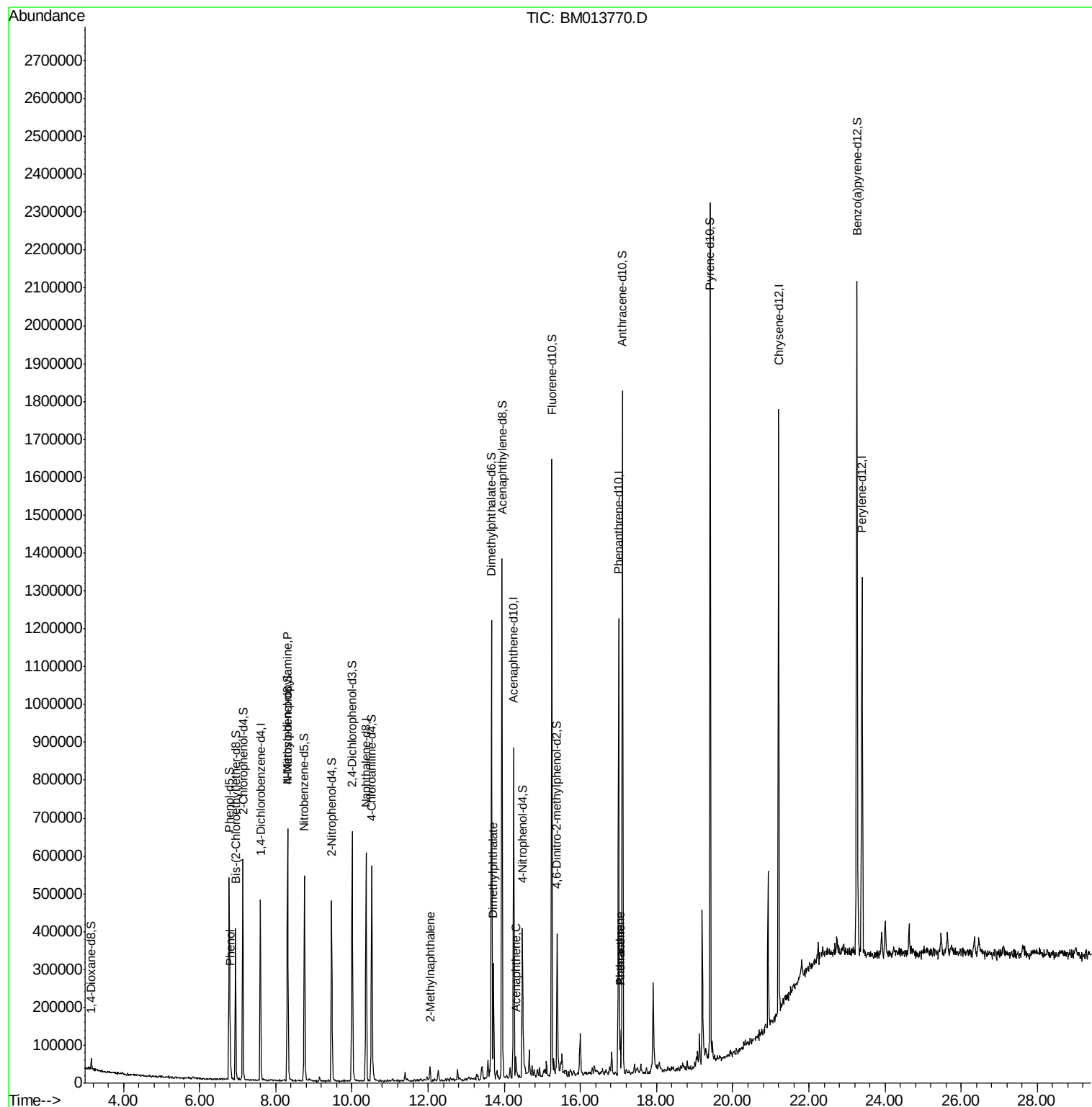
					Ovalue
6) Phenol	6.80	94	39177	4.172	ng/ul 92
15) N-Nitroso-di-n-propylamine	8.31	70	6464	1.112	ng/ul# 1
34) 2-Methylnaphthalene	12.05	142	19965	1.166	ng/ul 86
44) Dimethylphthalate	13.72	163	167434	7.736	ng/ul 99
49) Acenaphthene	14.32	153	19777	1.112	ng/ul# 92
69) Phenanthrene	17.04	178	60003	1.687	ng/ul 98
71) Anthracene	17.04	178	60003	1.636	ng/ul 97

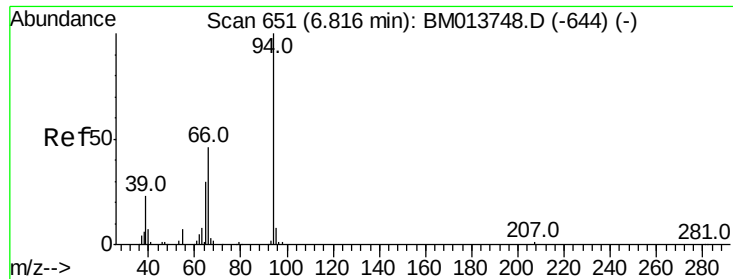
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Phenol

Concen: 4.172 ng/ul

RT: 6.80 min Scan# 649

Delta R.T. -0.01 min

Lab File: BM013770.D

Acq: 24 Jan 2018 16:27

Instrument :

BNA_M

ClientSampleId :

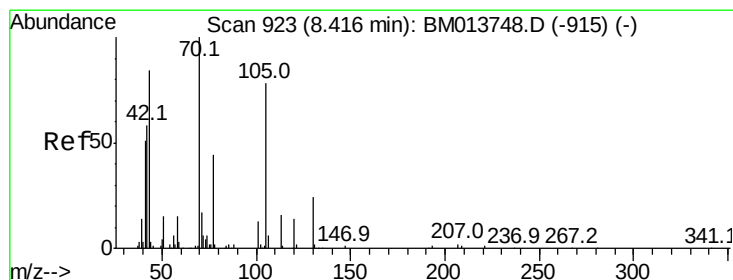
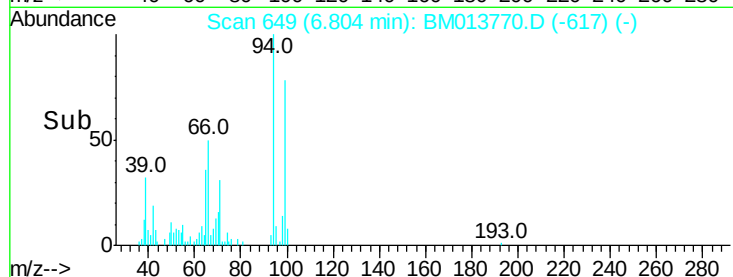
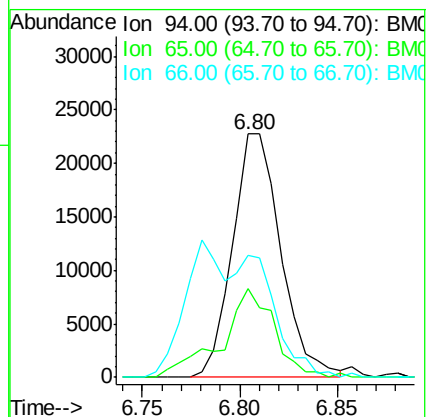
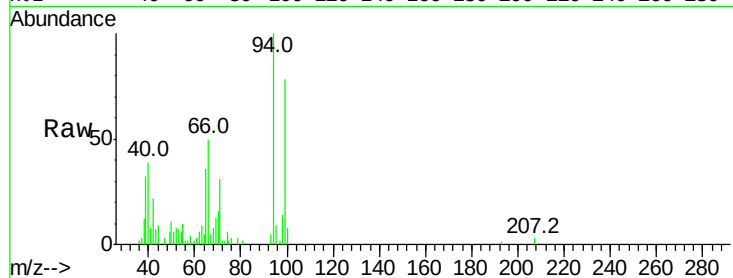
Tot Ion: 94 Resp: 39177

Ion Ratio Lower Upper

94 100

65 36.4 28.2 42.4

66 50.2 47.2 70.8



#15

N-Nitroso-di-n-propylamine

Concen: 1.112 ng/ul

RT: 8.31 min Scan# 905

Delta R.T. -0.11 min

Lab File: BM013770.D

Acq: 24 Jan 2018 16:27

Tgt Ion: 70 Resp: 6464

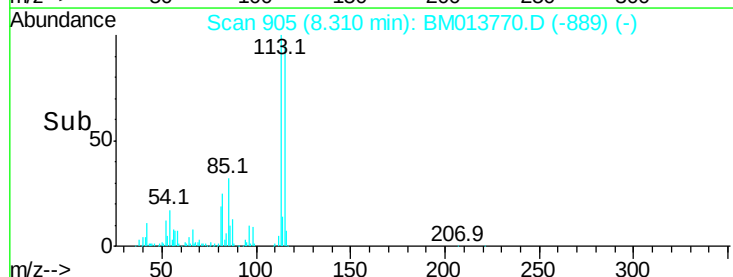
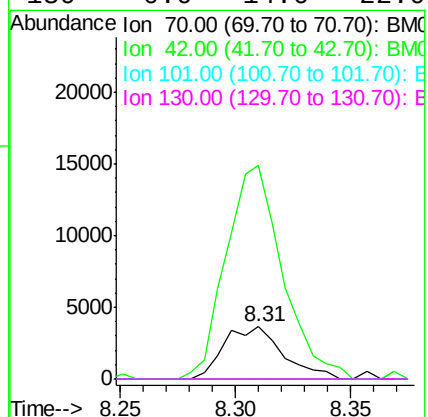
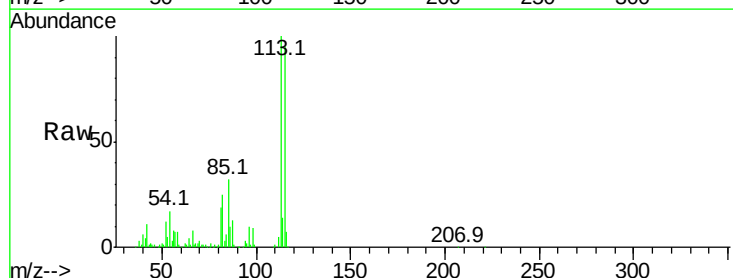
Ion Ratio Lower Upper

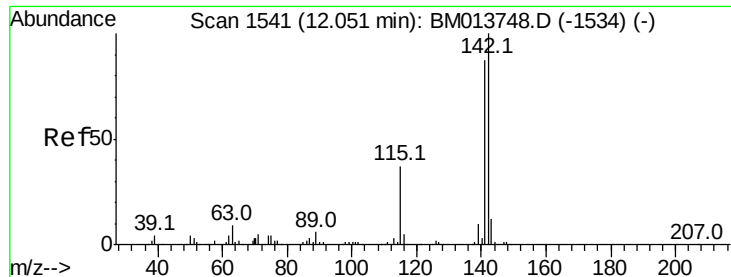
70 100

42 410.3 76.0 114.0#

101 0.0 6.7 10.1#

130 0.0 14.6 22.0#

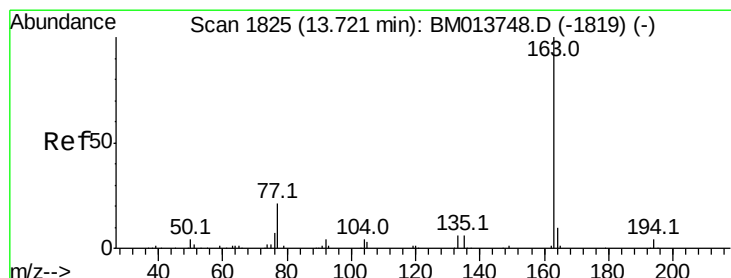
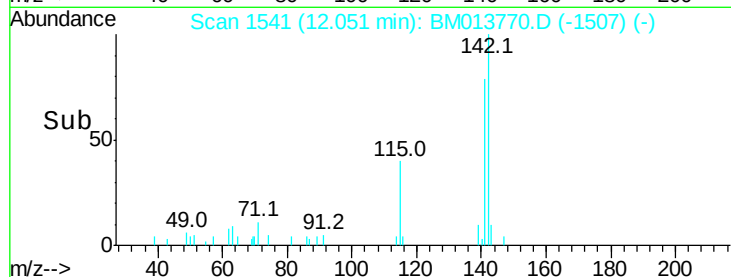
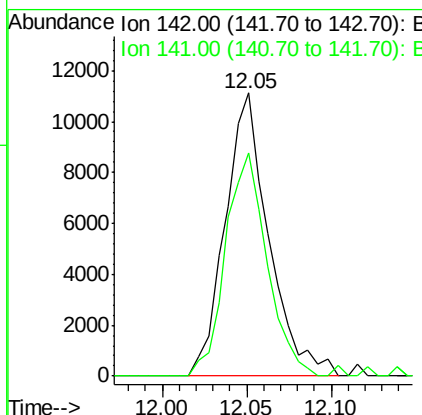
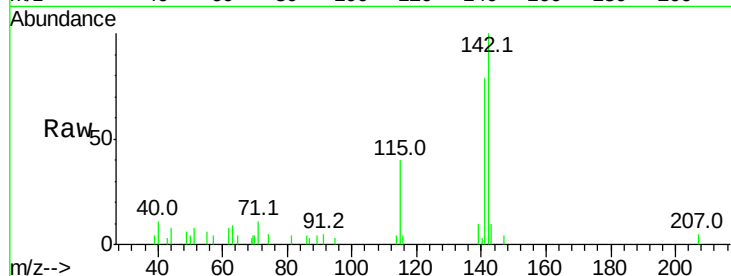




#34
2-Methylnaphthalene
Concen: 1.166 ng/ul
RT: 12.05 min Scan# 1541
Delta R.T. 0.00 min
Lab File: BM013770.D
Acq: 24 Jan 2018 16:27

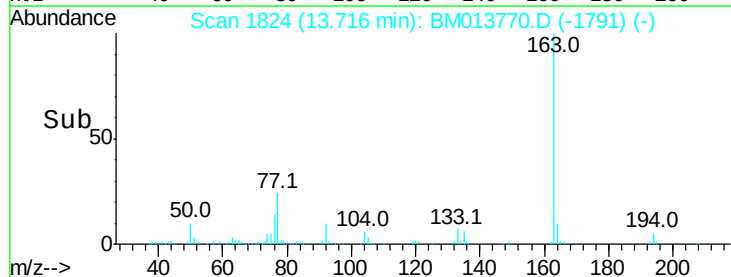
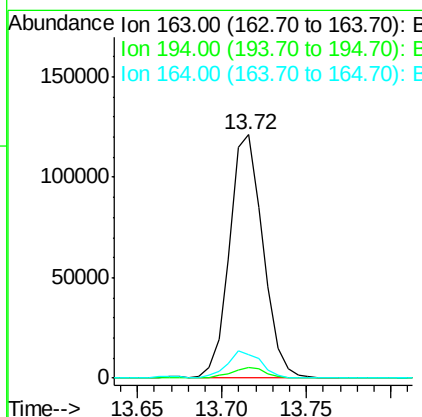
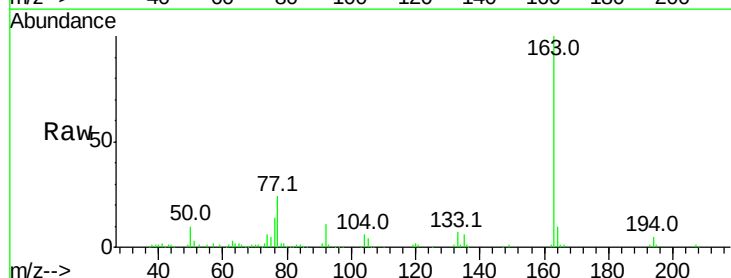
Instrument :
BNA_M
ClientSampleId :

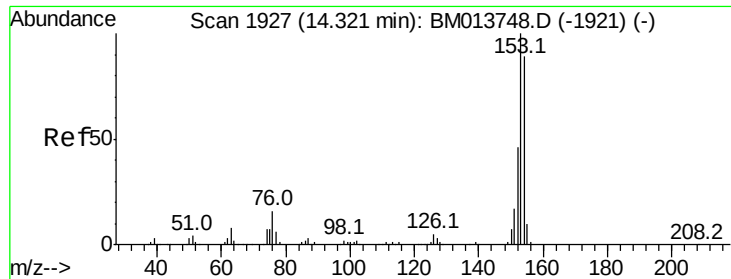
Tot Ion:142 Resp: 19965
Ion Ratio Lower Upper
142 100
141 78.9 74.1 111.1



#44
Dimethylphthalate
Concen: 7.736 ng/ul
RT: 13.72 min Scan# 1824
Delta R.T. -0.01 min
Lab File: BM013770.D
Acq: 24 Jan 2018 16:27

Tgt Ion:163 Resp: 167434
Ion Ratio Lower Upper
163 100
194 4.6 3.5 5.3
164 9.7 8.2 12.4

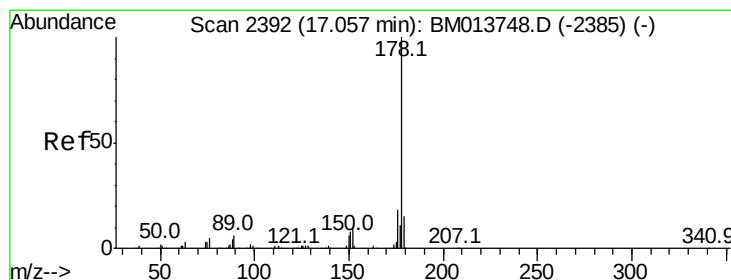
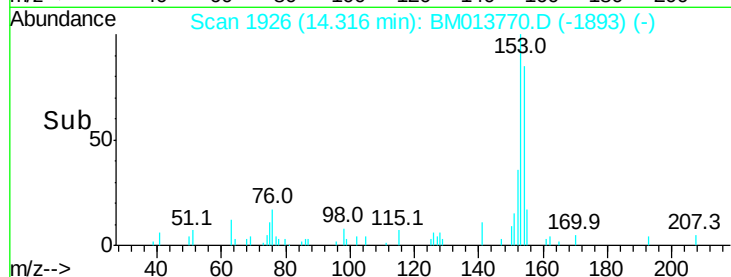
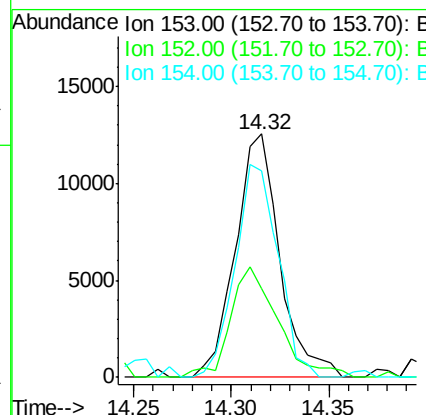
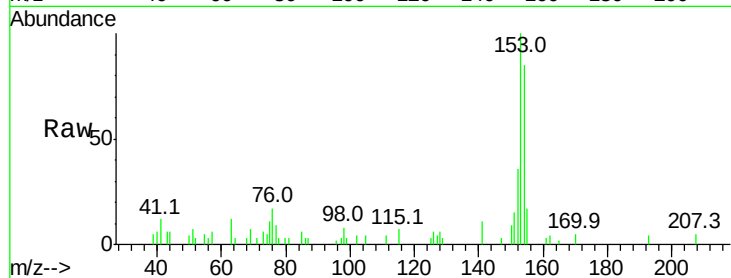




#49
Acenaphthene
Concen: 1.112 ng/ul
RT: 14.32 min Scan# 1926
Delta R.T. -0.01 min
Lab File: BM013770.D
Acq: 24 Jan 2018 16:27

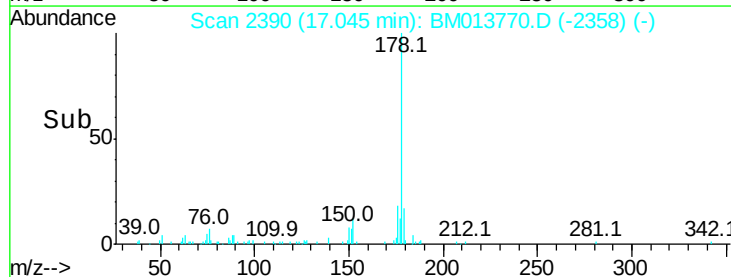
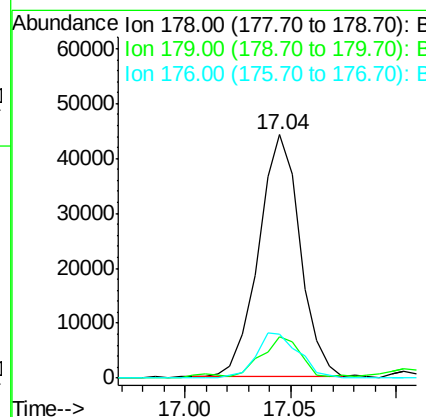
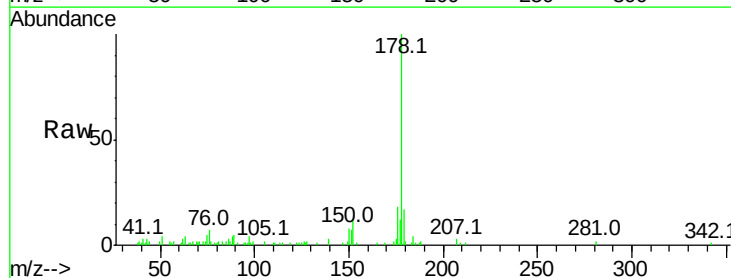
Instrument :
BNA_M
ClientSampleId :

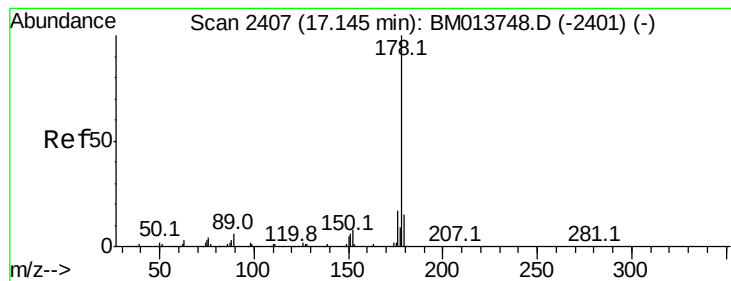
Tot Ion:153 Resp: 19777
Ion Ratio Lower Upper
153 100
152 36.5 37.6 56.4#
154 85.0 70.4 105.6



#69
Phenanthrene
Concen: 1.687 ng/ul
RT: 17.04 min Scan# 2390
Delta R.T. -0.01 min
Lab File: BM013770.D
Acq: 24 Jan 2018 16:27

Tgt Ion:178 Resp: 60003
Ion Ratio Lower Upper
178 100
179 17.2 12.6 19.0
176 18.2 14.9 22.3





#71

Anthracene

Concen: 1.636 ng/ul

RT: 17.04 min Scan# 2390

Delta R.T. -0.10 min

Lab File: BM013770.D

Acq: 24 Jan 2018 16:27

Instrument :

BNA_M

ClientSampleId :

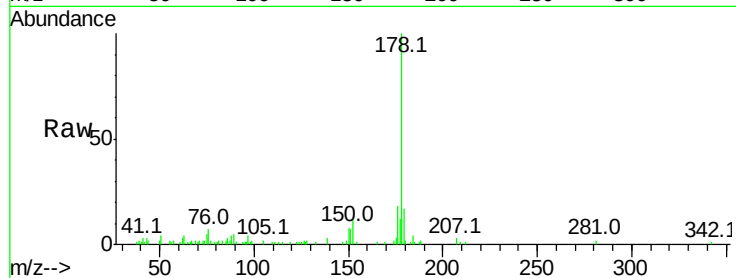
Tot Ion:178 Resp: 60003

Ion Ratio Lower Upper

178 100

179 17.2 11.7 17.5

176 18.2 14.6 21.8



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

