

Data Path : Z:\HPCHEM1\BNA M\DATA\BM121117\
 Data File : BM013314.D
 Acq On : 11 Dec 2017 21:12
 Operator : SJ/JU
 Sample : I6775-05
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Dec 12 02:13:24 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM113017.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Dec 12 02:07:09 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	137071	20.00	ng/ul	0.00
18) Naphthalene-d8	10.47	136	613019	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.33	164	386143	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.08	188	957575	20.00	ng/ul	0.00
75) Chrysene-d12	21.27	240	1255364	20.00	ng/ul	0.00
83) Perylene-d12	23.49	264	1234797	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.24	96	15050	5.44	ng/uL	0.00
5) Phenol-d5	6.86	99	350530	29.55	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.03	67	204978	30.30	ng/ul	0.00
9) 2-Chlorophenol-d4	7.22	132	278197	30.02	ng/ul	0.00
13) 4-Methylphenol-d8	8.39	113	298311	29.44	ng/ul	0.00
19) Nitrobenzene-d5	8.84	128	148233	30.49	ng/ul	0.00
22) 2-Nitrophenol-d4	9.56	143	160313	30.81	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.09	165	307830	28.71	ng/ul	0.00
29) 4-Chloroaniline-d4	10.61	131	416992	42.32	ng/ul	0.00
43) Dimethylphthalate-d6	13.74	166	1127383	32.81	ng/ul	0.00
46) Acenaphthylene-d8	14.02	160	1319925	31.13	ng/ul	0.00
51) 4-Nitrophenol-d4	14.54	143	178271	29.86	ng/ul	0.00
57) Fluorene-d10	15.33	176	948052	32.08	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.45	200	164987	27.39	ng/ul	0.00
70) Anthracene-d10	17.17	188	1614737	33.67	ng/ul	0.00
76) Pyrene-d10	19.47	212	2066106	33.04	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.36	264	2183762	34.72	ng/ul	0.00

Target Compounds

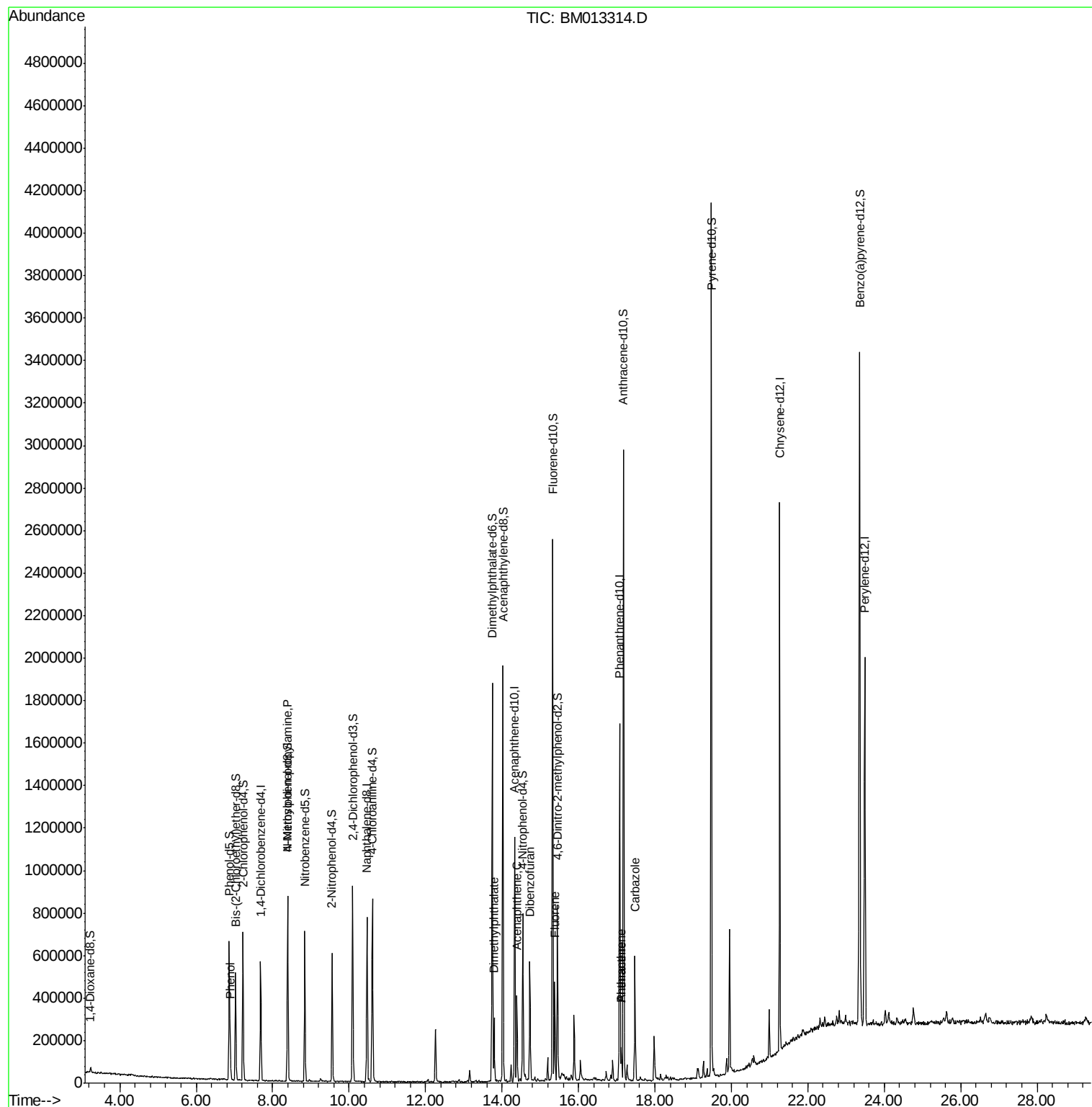
					Ovalue	
6) Phenol	6.89	94	44746	3.817	ng/ul#	83
15) N-Nitroso-di-n-propylamine	8.40	70	9451	1.218	ng/ul#	1
44) Dimethylphthalate	13.79	163	171503	5.218	ng/ul	98
49) Acenaphthene	14.39	153	152881	5.719	ng/ul	97
53) Dibenzofuran	14.73	168	339041	8.591	ng/ul	99
58) Fluorene	15.38	166	191482	5.865	ng/ul	99
69) Phenanthrene	17.12	178	80847	1.486	ng/ul	97
71) Anthracene	17.12	178	80847	1.454	ng/ul	97
72) Carbazole	17.49	167	347272	7.261	ng/ul	97

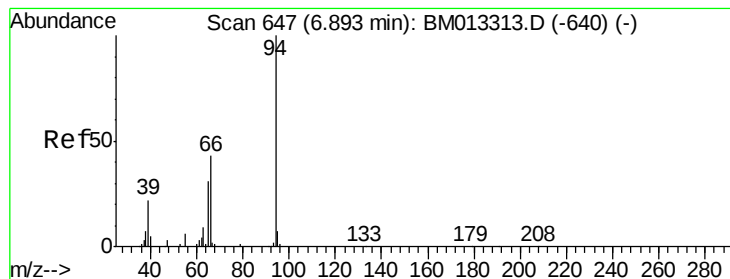
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Phenol

Concen: 3.817 ng/ul

RT: 6.89 min Scan# 647

Delta R.T. -0.00 min

Lab File: BM013314.D

Acq: 11 Dec 2017 21:12

Instrument :

BNA_M

ClientSampleId :

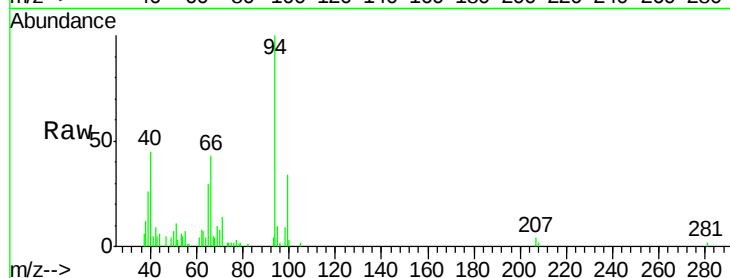
Tot Ion: 94 Resp: 44746

Ion Ratio Lower Upper

94 100

65 30.4 28.2 42.4

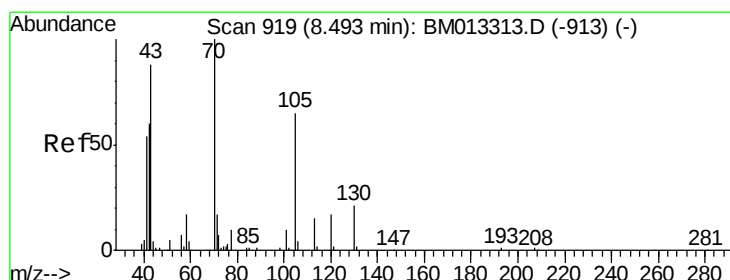
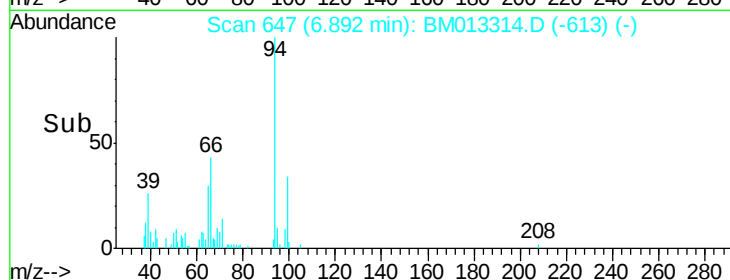
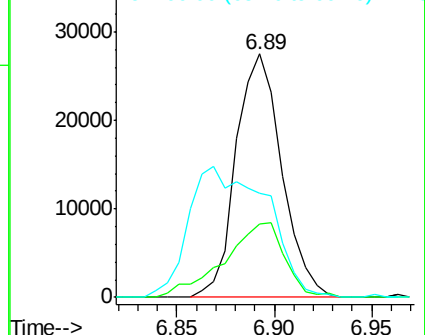
66 42.7 47.2 70.8#



Abundance Ion 94.00 (93.70 to 94.70): BM013313.D (-640) (-)

Ion 65.00 (64.70 to 65.70): BM013313.D (-640) (-)

Ion 66.00 (65.70 to 66.70): BM013313.D (-640) (-)



#15

N-Nitroso-di-n-propylamine

Concen: 1.218 ng/ul

RT: 8.40 min Scan# 903

Delta R.T. -0.09 min

Lab File: BM013314.D

Acq: 11 Dec 2017 21:12

Tgt Ion: 70 Resp: 9451

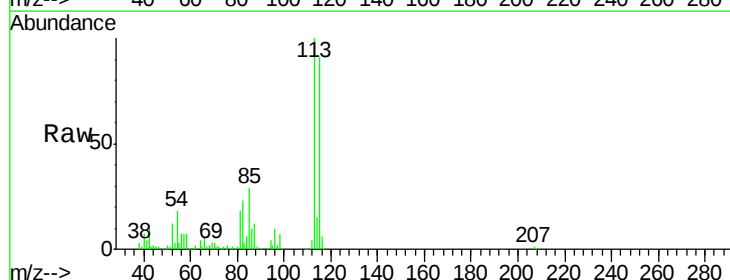
Ion Ratio Lower Upper

70 100

42 377.4 76.0 114.0#

101 0.0 6.7 10.1#

130 0.0 14.6 22.0#

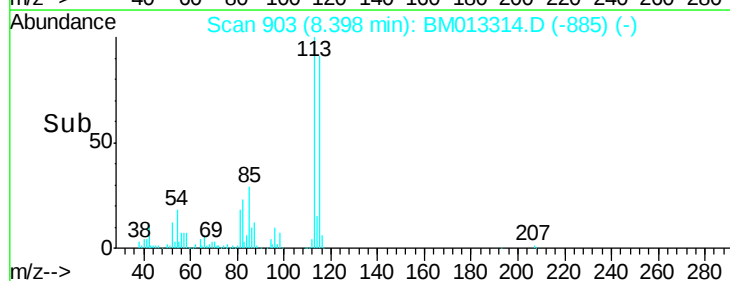
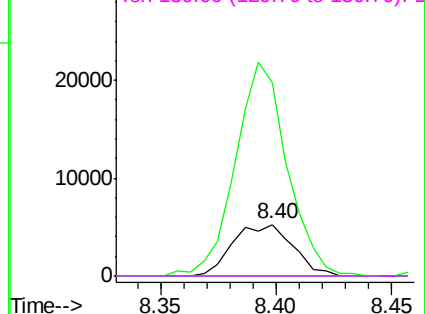


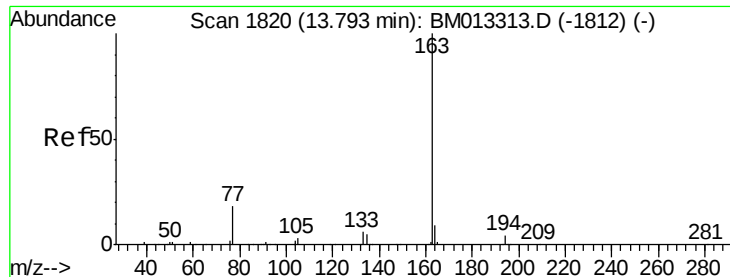
Abundance Ion 70.00 (69.70 to 70.70): BM013313.D (-913) (-)

Ion 42.00 (41.70 to 42.70): BM013313.D (-913) (-)

Ion 101.00 (100.70 to 101.70): BM013313.D (-913) (-)

Ion 130.00 (129.70 to 130.70): BM013313.D (-913) (-)

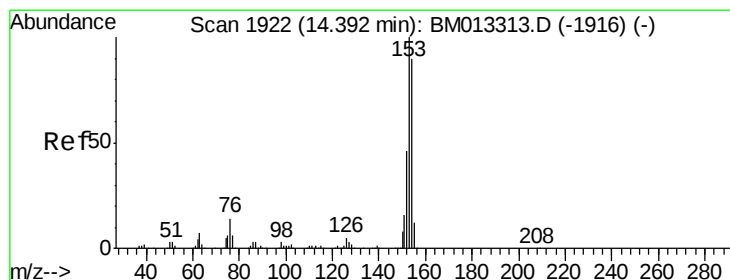
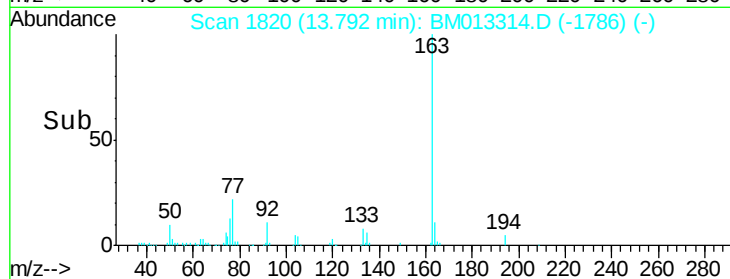
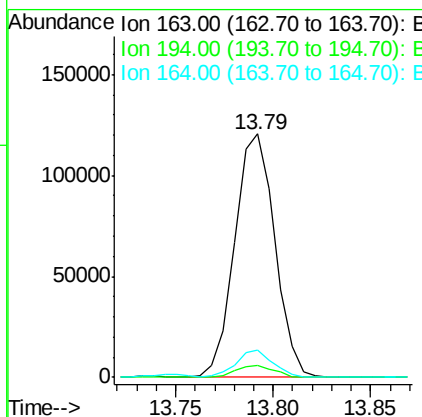
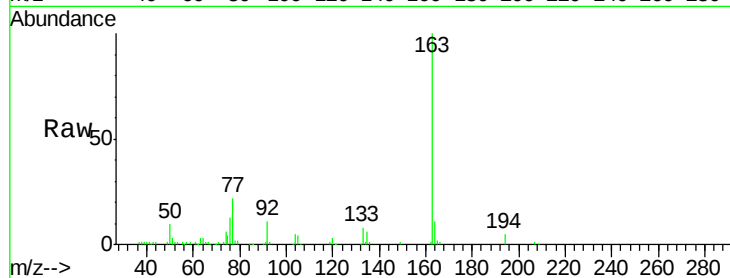




#44
Dimethylphthalate
Concen: 5.218 ng/ul
RT: 13.79 min Scan# 1820
Delta R.T. -0.00 min
Lab File: BM013314.D
Acq: 11 Dec 2017 21:12

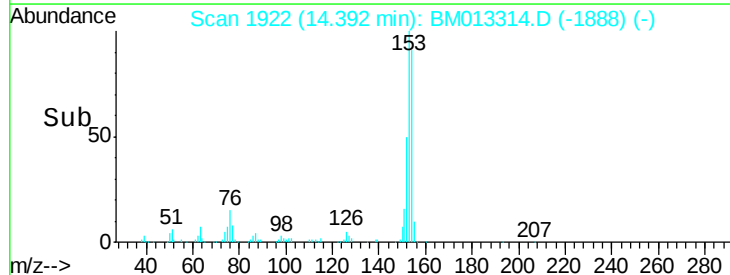
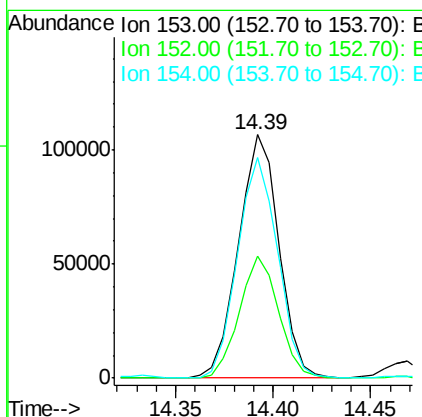
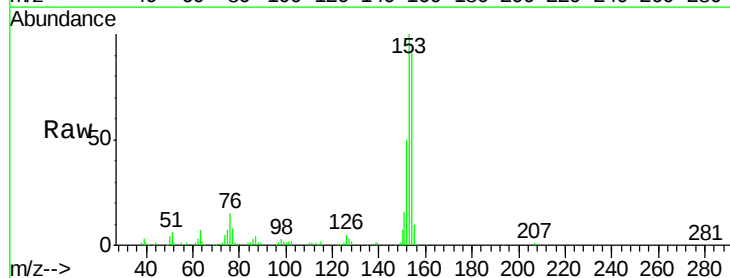
Instrument :
BNA_M
ClientSampleId :

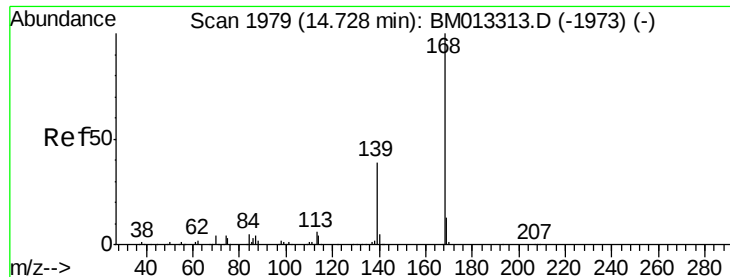
Tot Ion	Ratio	Lower	Upper
163	100		
194	5.0	3.5	5.3
164	11.1	8.2	12.4



#49
Acenaphthene
Concen: 5.719 ng/ul
RT: 14.39 min Scan# 1922
Delta R.T. -0.00 min
Lab File: BM013314.D
Acq: 11 Dec 2017 21:12

Tgt Ion	Ratio	Lower	Upper
153	100		
152	49.9	37.6	56.4
154	90.6	70.4	105.6





#53

Dibenzenofuran

Concen: 8.591 ng/ul

RT: 14.73 min Scan# 1979

Delta R.T. -0.00 min

Lab File: BM013314.D

Acq: 11 Dec 2017 21:12

Instrument :

BNA_M

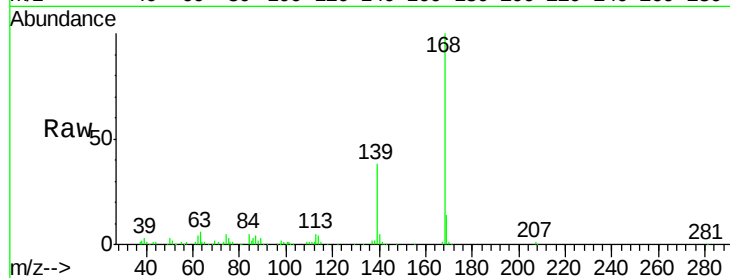
ClientSampleId :

Tot Ion:168 Resp: 339041

Ion Ratio Lower Upper

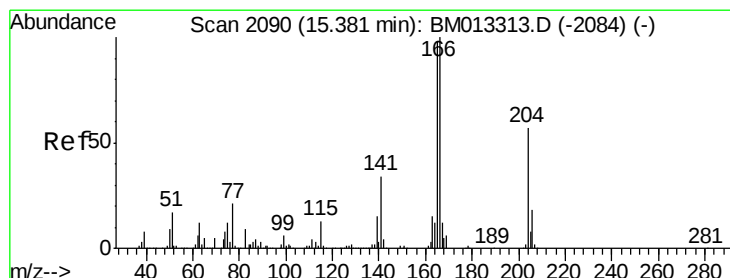
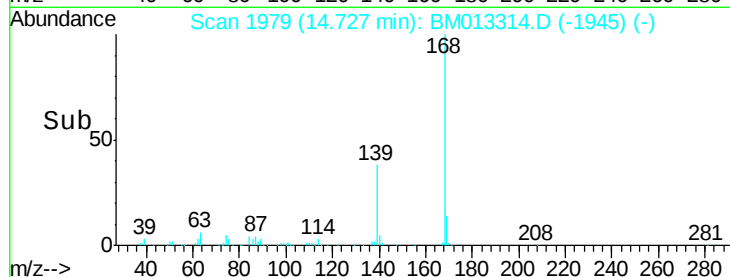
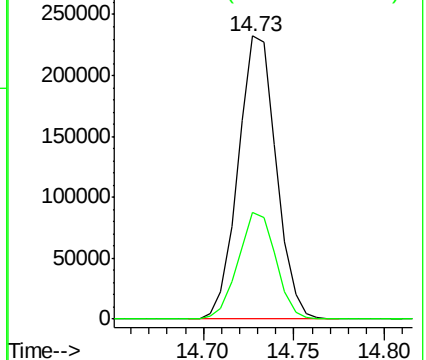
168 100

139 37.9 30.8 46.2



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E



#58

Fluorene

Concen: 5.865 ng/ul

RT: 15.38 min Scan# 2090

Delta R.T. -0.00 min

Lab File: BM013314.D

Acq: 11 Dec 2017 21:12

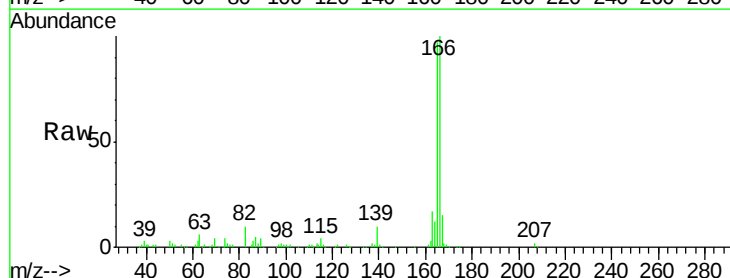
Tgt Ion:166 Resp: 191482

Ion Ratio Lower Upper

166 100

165 97.3 77.9 116.9

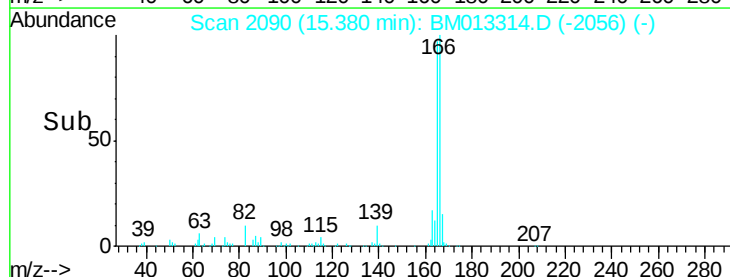
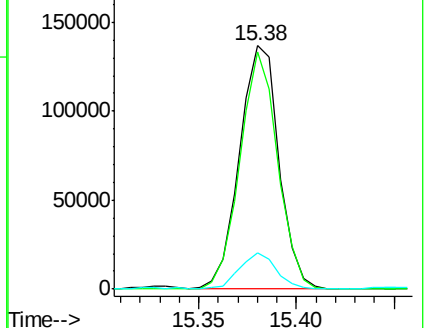
167 15.1 10.6 16.0

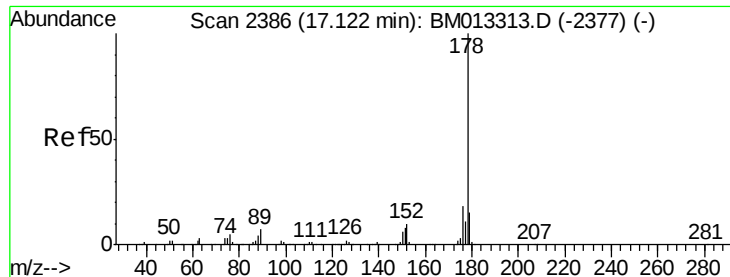


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#69

Phenanthrene

Concen: 1.486 ng/ul

RT: 17.12 min Scan# 2385

Delta R.T. -0.01 min

Lab File: BM013314.D

Acq: 11 Dec 2017 21:12

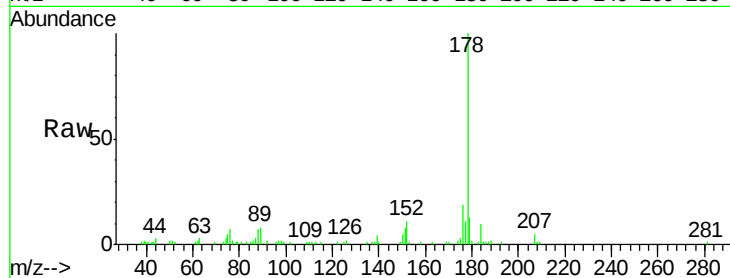
Instrument :

BNA_M

ClientSampleId :

Tot Ion:178 Resp: 80847

Ion	Ratio	Lower	Upper
178	100		
179	13.1	12.6	19.0
176	19.0	14.9	22.3

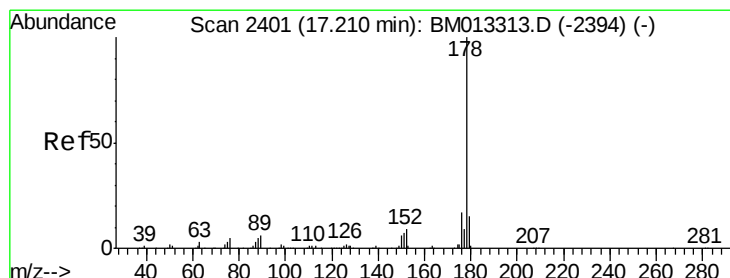
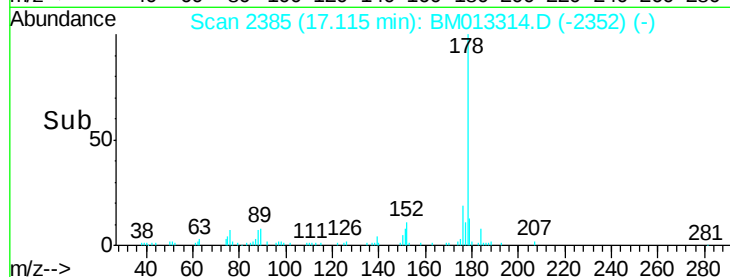
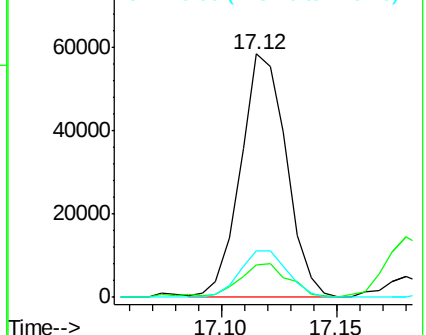


Abundance

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



#71

Anthracene

Concen: 1.454 ng/ul

RT: 17.12 min Scan# 2385

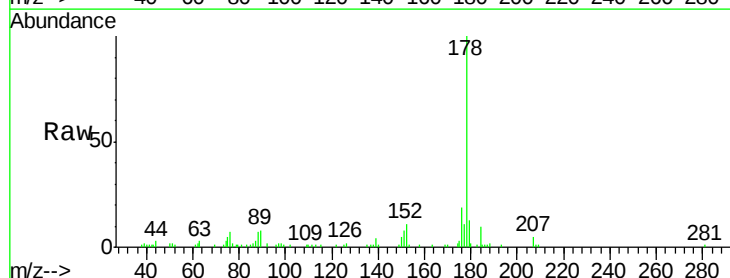
Delta R.T. -0.09 min

Lab File: BM013314.D

Acq: 11 Dec 2017 21:12

Tgt Ion:178 Resp: 80847

Ion	Ratio	Lower	Upper
178	100		
179	13.1	11.7	17.5
176	19.0	14.6	21.8

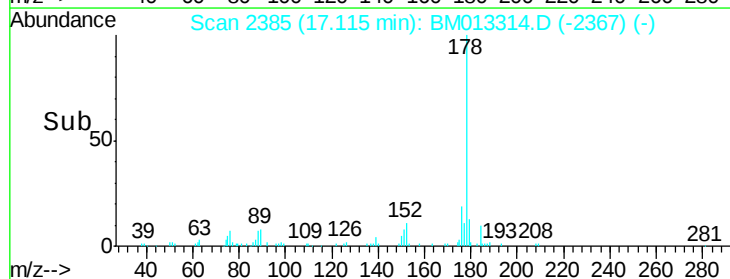
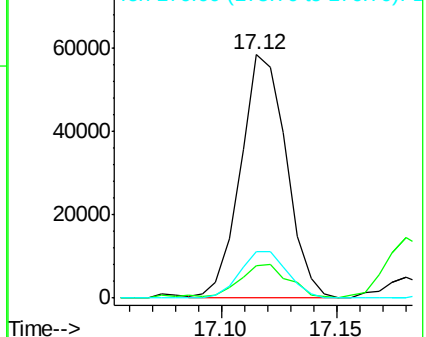


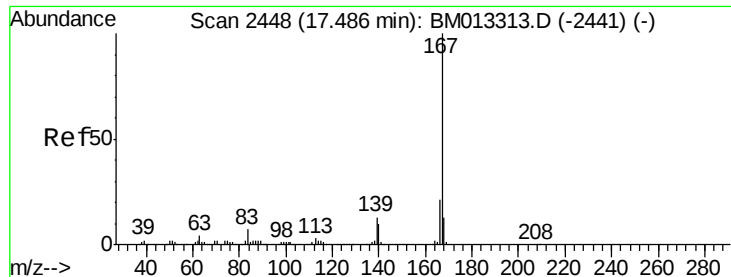
Abundance

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





#72

Carbazole

Concen: 7.261 ng/ul

RT: 17.49 min Scan# 2448

Delta R.T. -0.00 min

Lab File: BM013314.D

Acq: 11 Dec 2017 21:12

Instrument :

BNA_M

ClientSampleId :

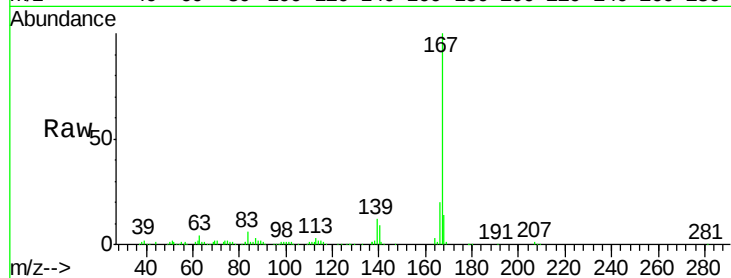
Tot Ion:167 Resp: 347272

Ion Ratio Lower Upper

167 100

166 19.7 17.1 25.7

139 12.1 10.0 15.0



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E

