

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN060519\
 Data File : BN006097.D
 Acq On : 05 Jun 2019 13:52
 Operator : JU/SJ
 Sample : K3045-08
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0C52

Quant Time: Jun 05 16:06:34 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN060419MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jun 04 17:47:25 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	311159	20.00	ng/ul	0.00
18) Naphthalene-d8	10.43	136	1363190	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.30	164	808446	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.05	188	1684776	20.00	ng/ul	0.00
77) Chrysene-d12	21.27	240	1560829	20.00	ng/ul	0.00
85) Perylene-d12	23.52	264	1765239	20.00	ng/ul	0.00

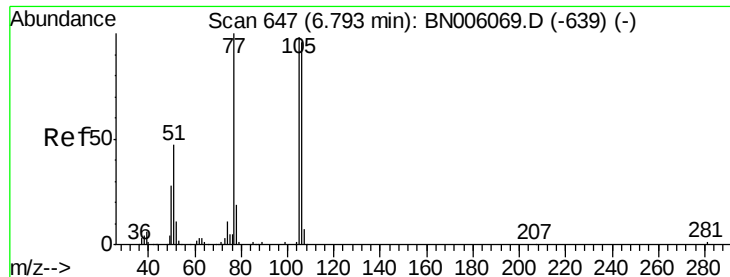
System Monitoring Compounds

3) 1,4-Dioxane-d8	3.15	96	53145	7.40	ng/uL	0.00
5) Phenol-d5	6.82	99	223395	8.99	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.98	67	494726	34.80	ng/ul	0.00
9) 2-Chlorophenol-d4	7.18	132	554078	27.73	ng/ul	0.00
13) 4-Methylphenol-d8	8.35	113	376271	19.53	ng/ul	0.00
19) Nitrobenzene-d5	8.80	128	352693	36.25	ng/ul	0.00
22) 2-Nitrophenol-d4	9.52	143	354951	32.87	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.05	165	586647	30.06	ng/ul	0.00
29) 4-Chloroaniline-d4	10.55	131	278037	11.93	ng/ul	-0.02
43) Dimethylphthalate-d6	13.71	166	1823926	31.80	ng/ul	0.00
46) Acenaphthylene-d8	13.99	160	2315886	31.20	ng/ul	0.00
51) 4-Nitrophenol-d4	14.52	143	86777	8.57	ng/ul	0.00
57) Fluorene-d10	15.30	176	1570007	32.40	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.43	200	237067	25.15	ng/ul	0.00
70) Anthracene-d10	17.15	188	2388950	33.23	ng/ul	0.00
78) Pyrene-d10	19.46	212	2622689	34.77	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.37	264	2565804	32.64	ng/ul	0.00

Target Compounds

					Qvalue	
4) Benzaldehyde	6.80	77	155417	9.211	ng/ul#	1
14) Acetophenone	8.45	105	735910	25.253	ng/ul#	32
17) Hexachloroethane	8.75	117	485434	56.596	ng/ul#	8
20) Nitrobenzene	8.82	77	68874	2.993	ng/ul#	1
28) Naphthalene	10.48	128	2107334	32.780	ng/ul	98
34) 2-Methylnaphthalene	12.10	142	342921	7.652	ng/ul	100
40) 1,1'-Biphenyl	13.13	154	152519	2.512	ng/ul	98
58) Fluorene	15.35	166	58225	1.074	ng/ul	98

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



#4

Benzaldehyde

Concen: 9.211 ng/ul

RT: 6.80 min Scan# 648

Delta R.T. 0.01 min

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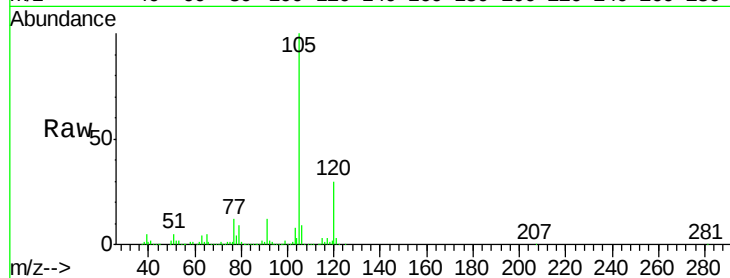
Tgt Ion: 77 Resp: 155417

Ion Ratio Lower Upper

77 100

105 849.0 78.4 117.6#

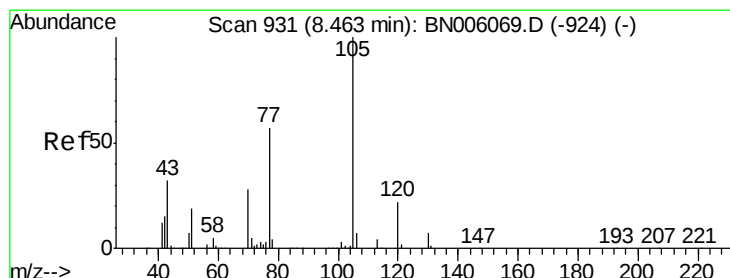
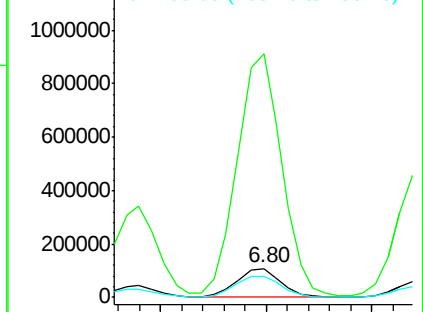
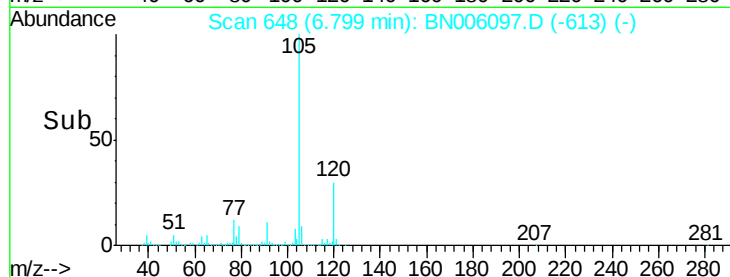
106 73.7 75.2 112.8#



Abundance Ion 77.00 (76.70 to 77.70): BN006097.D (-613) (-)

Ion 105.00 (104.70 to 105.70): BN006097.D (-613) (-)

Ion 106.00 (105.70 to 106.70): BN006097.D (-613) (-)



#14

Acetophenone

Concen: 25.253 ng/ul

RT: 8.45 min Scan# 928

Delta R.T. -0.02 min

Lab File: BN006097.D

Acq: 05 Jun 2019 13:52

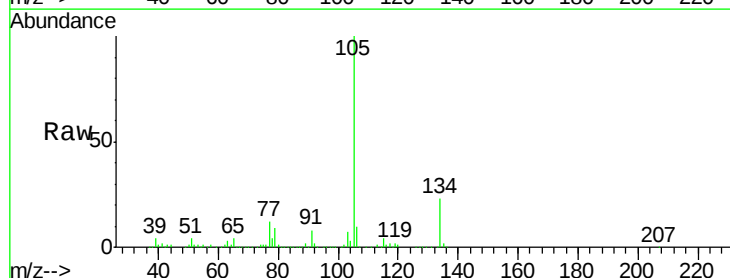
Tgt Ion: 105 Resp: 735910

Ion Ratio Lower Upper

105 100

77 11.7 62.9 94.3#

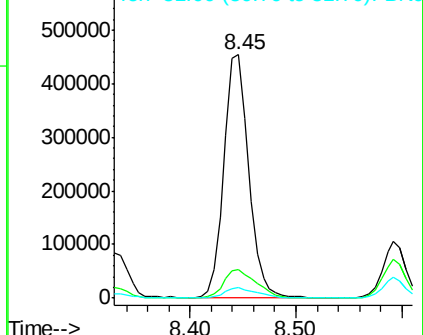
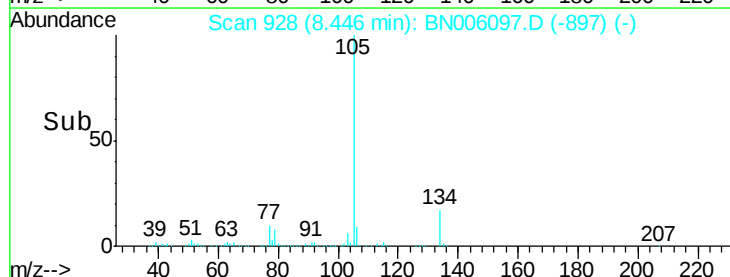
51 4.1 21.4 32.2#

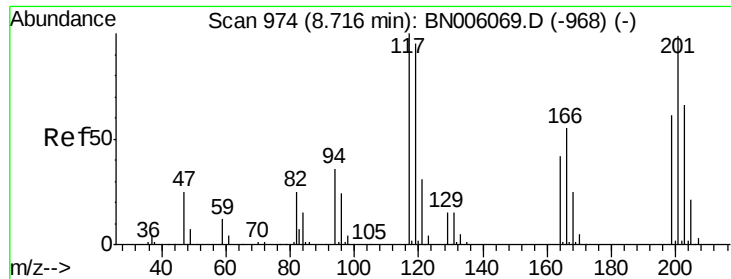


Abundance Ion 105.00 (104.70 to 105.70): BN006097.D (-897) (-)

Ion 77.00 (76.70 to 77.70): BN006097.D (-897) (-)

Ion 51.00 (50.70 to 51.70): BN006097.D (-897) (-)

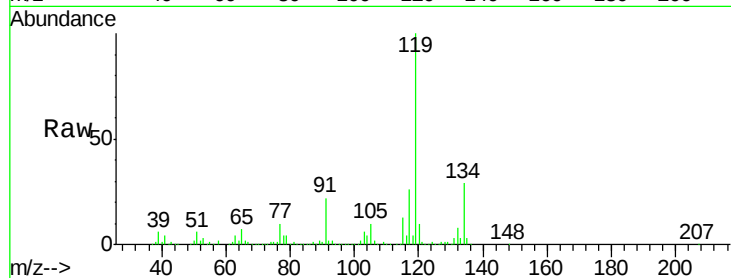




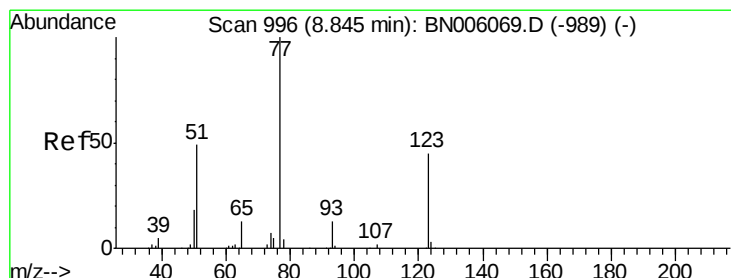
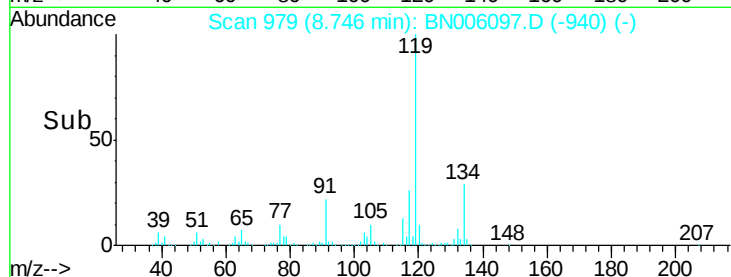
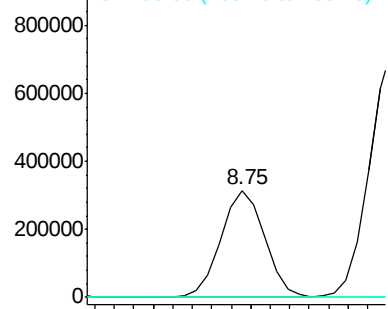
#17
Hexachloroethane
Concen: 56.596 ng/ul
RT: 8.75 min Scan# 979
Delta R.T. 0.03 min
Lab File: BN006097.D
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Tgt Ion:117 Resp: 485434
Ion Ratio Lower Upper
117 100
201 0.0 79.0 118.4#
199 0.0 51.0 76.4#

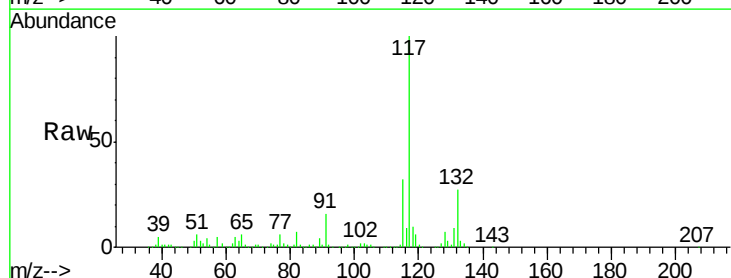


Abundance Ion 117.00 (116.70 to 117.70): E
Ion 201.00 (200.70 to 201.70): E
Ion 199.00 (198.70 to 199.70): E

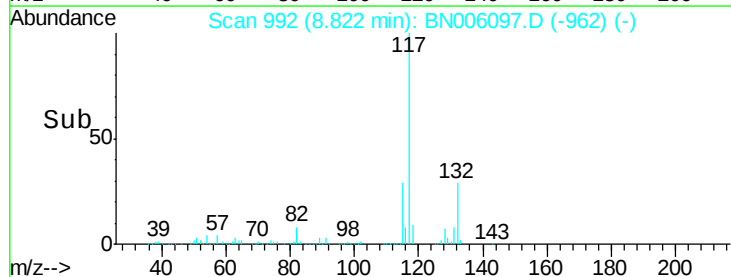
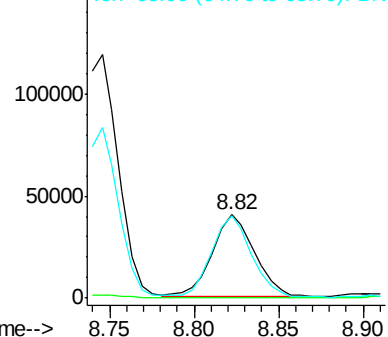


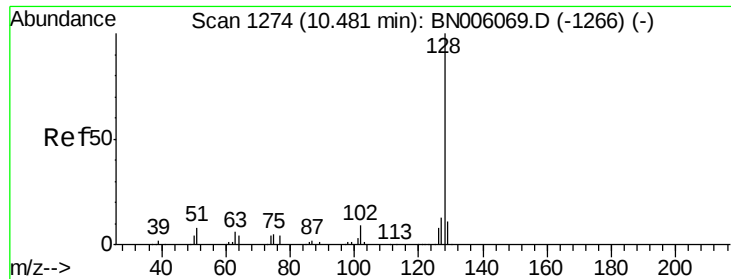
#20
Nitrobenzene
Concen: 2.993 ng/ul
RT: 8.82 min Scan# 992
Delta R.T. -0.02 min
Lab File: BN006097.D
Acq: 05 Jun 2019 13:52

Tgt Ion: 77 Resp: 68874
Ion Ratio Lower Upper
77 100
123 0.0 35.5 53.3#
65 98.3 10.7 16.1#



Abundance Ion 77.00 (76.70 to 77.70): BNC
Ion 123.00 (122.70 to 123.70): E
Ion 65.00 (64.70 to 65.70): BNC

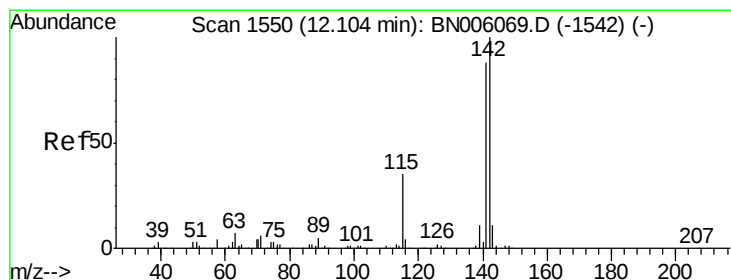
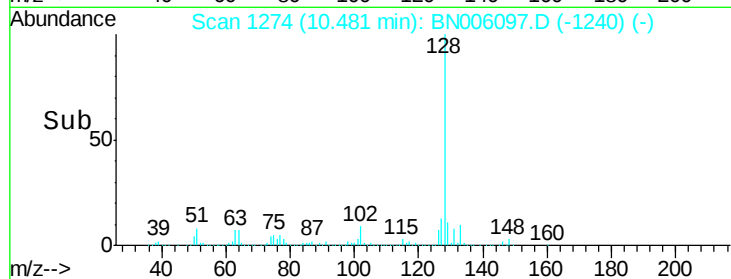
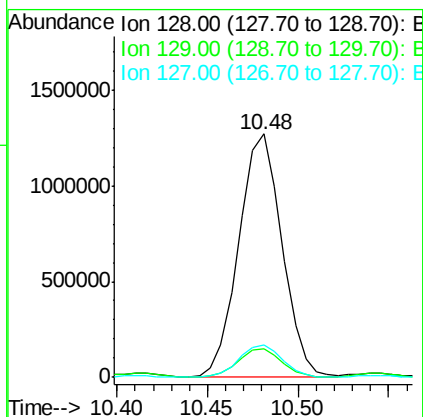
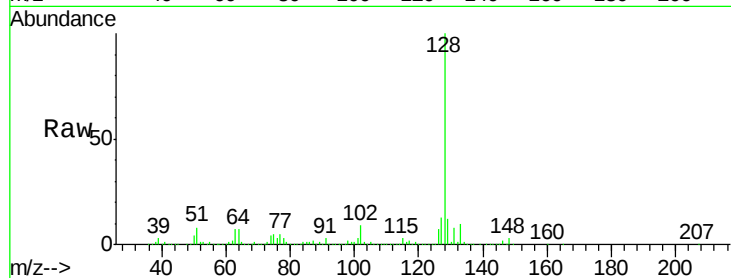




#28
Naphthalene
Concen: 32.780 ng/ul
RT: 10.48 min Scan# 1274
Delta R.T. -0.00 min
Lab File: BN006097.D
Acq: 05 Jun 2019 13:52

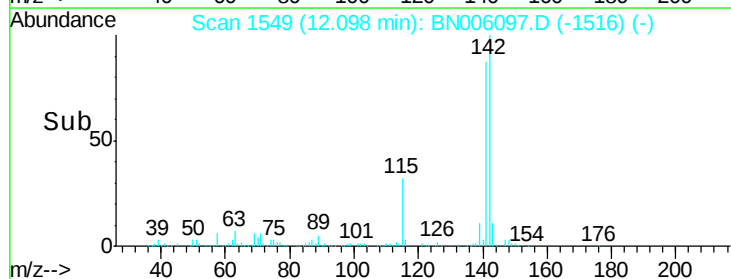
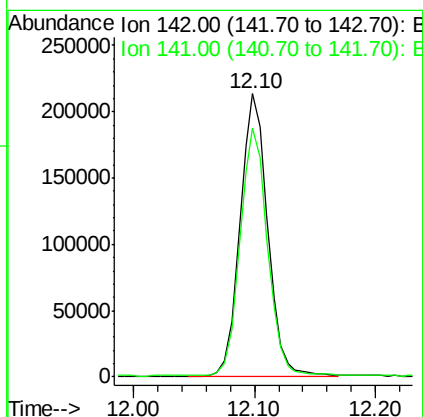
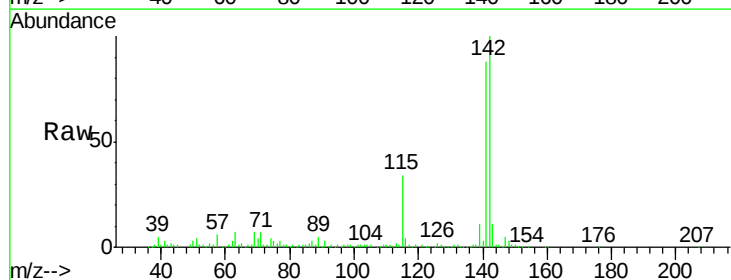
Instrument :
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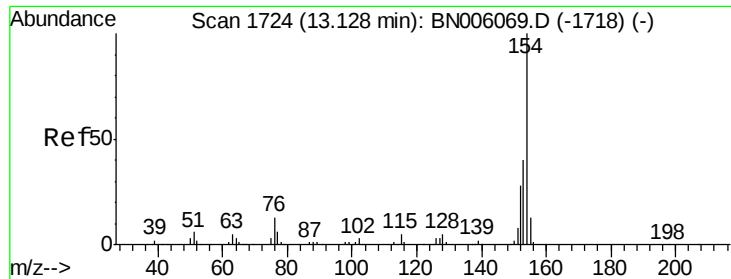
Tgt Ion:128 Resp: 2107334
Ion Ratio Lower Upper
128 100
129 11.6 8.5 12.7
127 13.4 10.3 15.5



#34
2-Methylnaphthalene
Concen: 7.652 ng/ul
RT: 12.10 min Scan# 1549
Delta R.T. -0.01 min
Lab File: BN006097.D
Acq: 05 Jun 2019 13:52

Tgt Ion:142 Resp: 342921
Ion Ratio Lower Upper
142 100
141 87.7 70.5 105.7

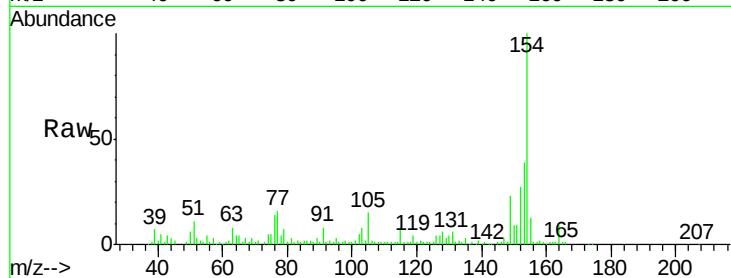




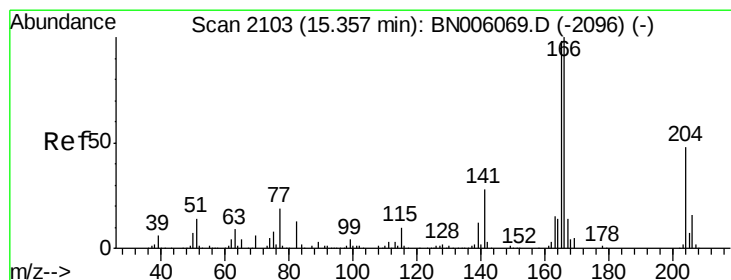
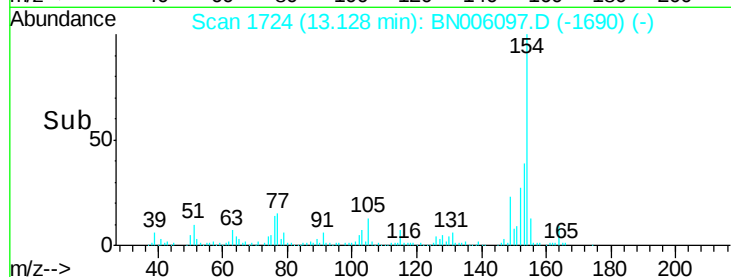
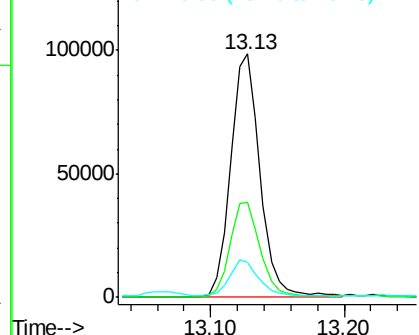
#40
 1,1'-Biphenyl
 Concen: 2.512 ng/ul
 RT: 13.13 min Scan# 1724
 Delta R.T. -0.00 min
 Lab File: BN006097.D
 Acq: 05 Jun 2019 13:52

Instrument :
 BNA_N
 ClientSampleId :
 C0C52

Tgt Ion	Ratio	Lower	Upper
154	100		
153	39.3	32.3	48.5
76	14.4	10.6	15.8

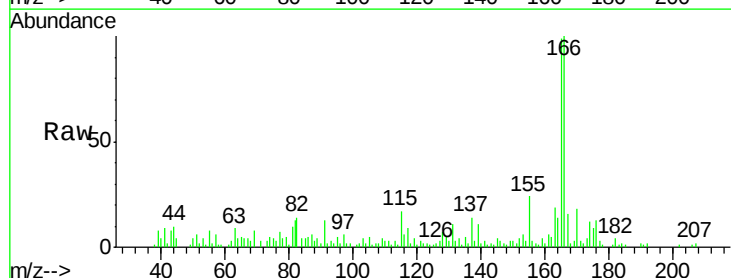


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BNC



#58
 Fluorene
 Concen: 1.074 ng/ul
 RT: 15.35 min Scan# 2102
 Delta R.T. -0.01 min
 Lab File: BN006097.D
 Acq: 05 Jun 2019 13:52

Tgt Ion	Ratio	Lower	Upper
166	100		
165	99.2	78.3	117.5
167	15.9	10.8	16.2



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

