

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN030819\
 Data File : BN004711.D
 Acq On : 09 Mar 2019 14:28
 Operator : JU/SJ
 Sample : K1762-05DL 5X
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Mar 11 00:31:11 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN030719MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Mar 08 00:36:35 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	33016	20.00	ng/ul	0.00
18) Naphthalene-d8	10.50	136	131365	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.36	164	662	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.11	188	108314	20.00	ng/ul	0.00
78) Chrysene-d12	21.30	240	28720	20.00	ng/ul	0.00
86) Perylene-d12	0.00	264	0	0.00	ng/ul	-23.57

System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.23	96	436	0.74	ng/uL	0.00
5) Phenol-d5	0.00	99	0	0.00	ng/ul	
7) Bis-(2-Chloroethyl)ether-d	7.06	67	8039	5.65	ng/ul	0.00
9) 2-Chlorophenol-d4	0.00	132	0	0.00	ng/ul	
13) 4-Methylphenol-d8	0.00	113	0	0.00	ng/ul	
19) Nitrobenzene-d5	8.88	128	6529	6.52	ng/ul	0.00
22) 2-Nitrophenol-d4	9.59	143	2439	2.14	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.15	165	2825	1.30	ng/ul	0.02
29) 4-Chloroaniline-d4	10.65	131	854	0.33	ng/ul	0.00
44) Dimethylphthalate-d6	13.77	166	40525	707.99	ng/ul	0.00
47) Acenaphthylene-d8	14.05	160	1467	21.29	ng/ul	0.00
52) 4-Nitrophenol-d4	0.00	143	0	0.00	ng/ul	
58) Fluorene-d10	15.36	176	4396	90.36	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	0.00	200	0	0.00	ng/ul	
71) Anthracene-d10	17.11	188	108314	20.53	ng/ul	-0.10
79) Pyrene-d10	0.00	212	0	0.00	ng/ul	
90) Benzo(a)pyrene-d12	0.00	264	0	0.00	ng/ul	

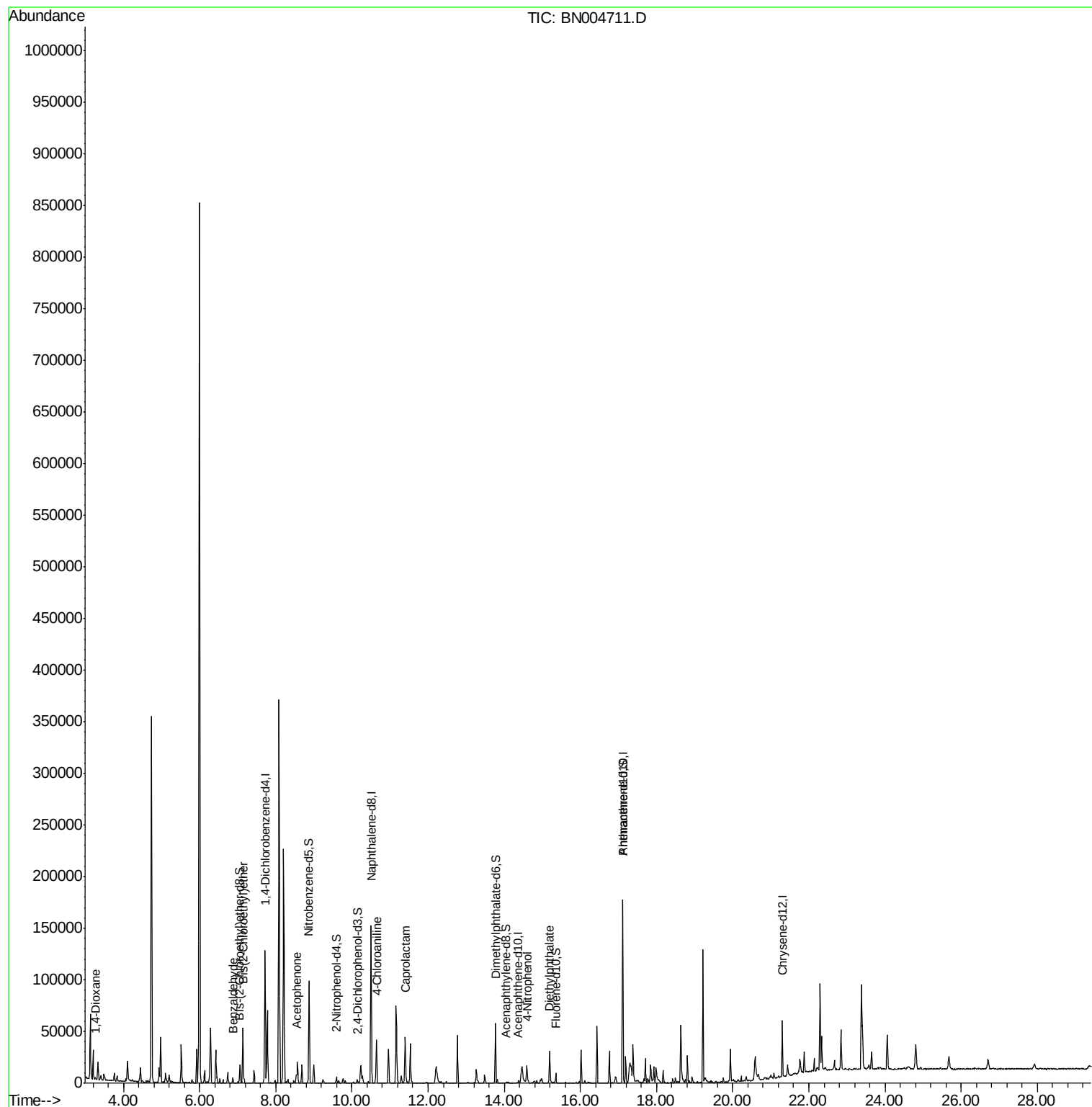
Target Compounds				Ovalue		
2) 1,4-Dioxane	3.26	88	1098	1.522	ng/uL	92
4) Benzaldehyde	6.88	77	1928	1.091	ng/ul	97
8) Bis(2-Chloroethyl)ether	7.13	93	20481	10.022	ng/ul#	48
14) Acetophenone	8.54	105	6174	1.735	ng/ul	100
30) 4-Chloroaniline	10.65	127	9162	3.467	ng/ul#	46
32) Caprolactam	11.40	113	907	1.255	ng/ul#	48
53) 4-Nitrophenol	14.59	109	590	76.434	ng/ul#	1
57) Diethylphthalate	15.18	149	532	9.348	ng/ul#	58

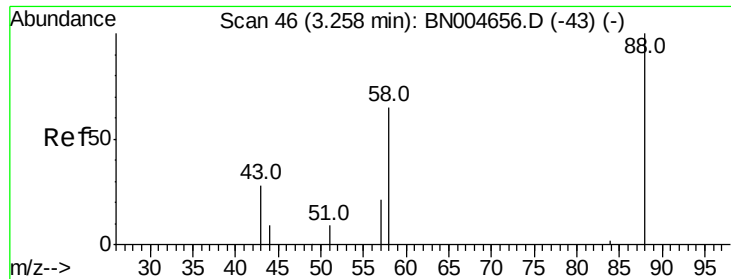
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#2

1,4-Dioxane

Concen: 1.522 ng/uL

RT: 3.26 min Scan# 47

Delta R.T. 0.01 min

Lab File: BN004711.D

Acq: 09 Mar 2019 14:28

Instrument :

BNA_N

ClientSampled :

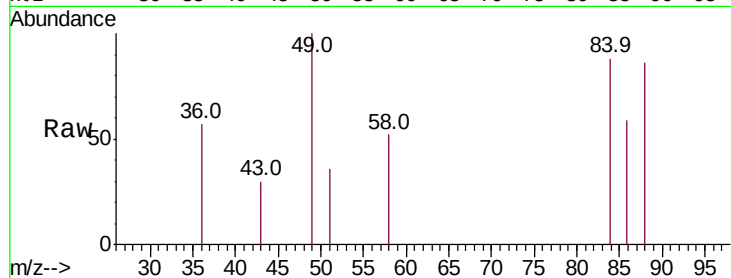
Tot Ion: 88 Resp: 1098

Ion Ratio Lower Upper

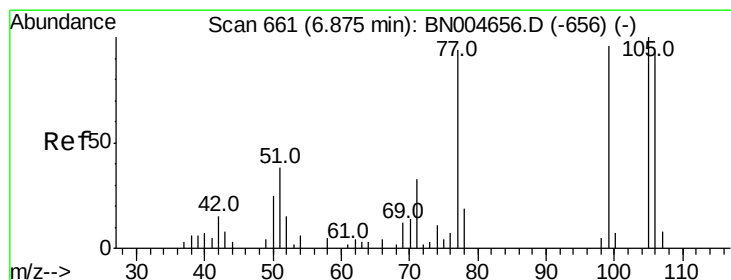
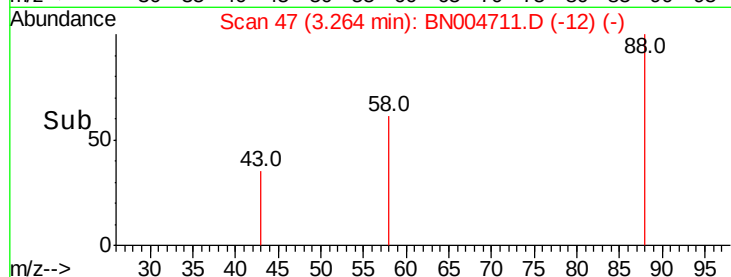
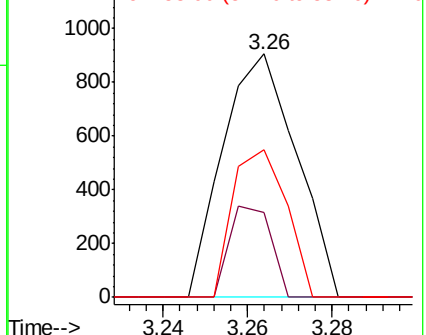
88 100

43 34.9 25.6 38.4

58 60.7 54.6 82.0



Abundance Ion 88.00 (87.70 to 88.70): BN0
Ion 43.00 (42.70 to 43.70): BN0
Ion 58.00 (57.70 to 58.70): BN0



#4

Benzaldehyde

Concen: 1.091 ng/uL

RT: 6.88 min Scan# 661

Delta R.T. 0.00 min

Lab File: BN004711.D

Acq: 09 Mar 2019 14:28

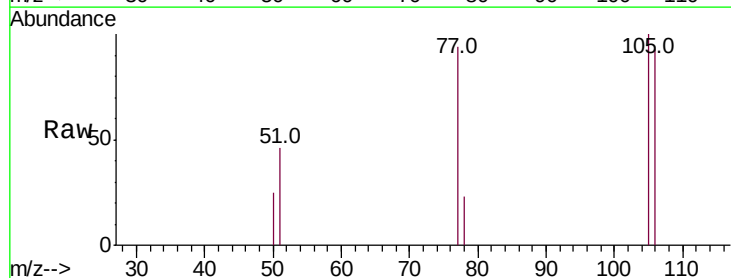
Tgt Ion: 77 Resp: 1928

Ion Ratio Lower Upper

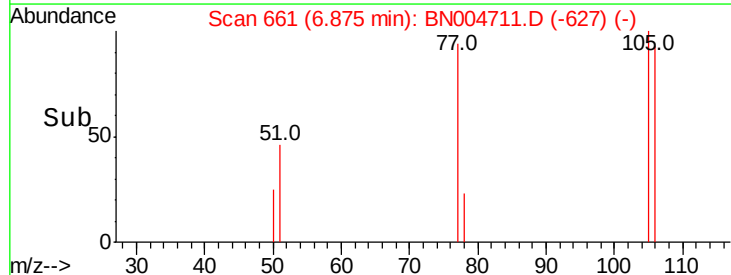
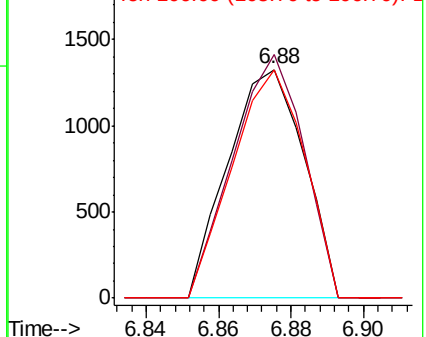
77 100

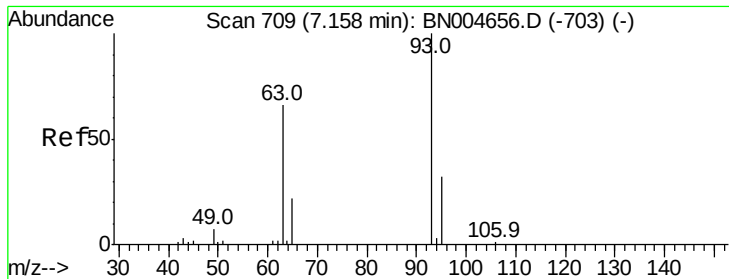
105 106.6 85.4 128.0

106 99.7 84.8 127.2



Abundance Ion 77.00 (76.70 to 77.70): BN0
Ion 105.00 (104.70 to 105.70): BN0
Ion 106.00 (105.70 to 106.70): BN0





#8

Bis(2-Chloroethyl)ether

Concen: 10.022 ng/ul

RT: 7.13 min Scan# 705

Delta R.T. -0.02 min

Lab File: BN004711.D

Acq: 09 Mar 2019 14:28

Instrument :

BNA_N

ClientSampleId :

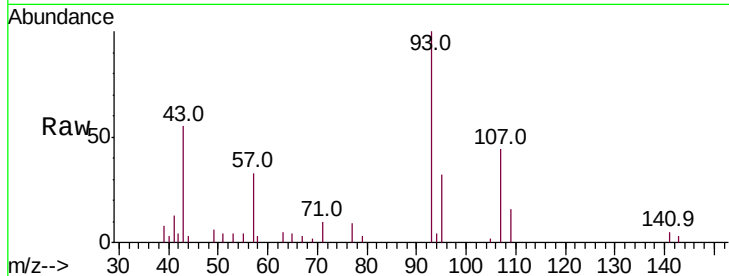
Tot Ion: 93 Resp: 20481

Ion Ratio Lower Upper

93 100

63 5.1 52.8 79.2#

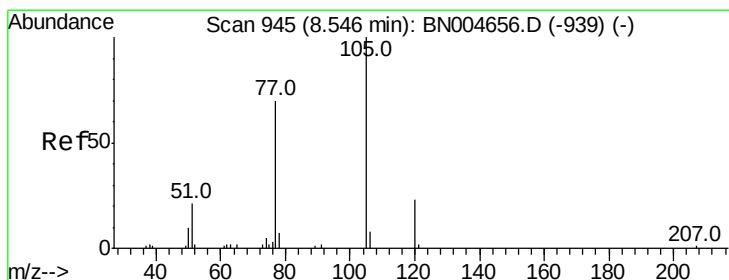
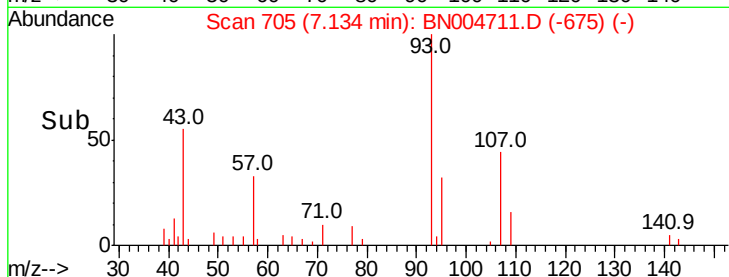
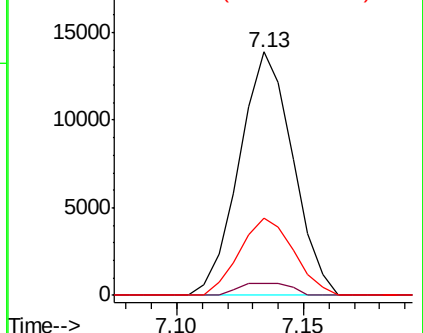
95 31.7 25.9 38.9



Abundance Ion 93.00 (92.70 to 93.70): BN004711.D (-911) (-)

Ion 63.00 (62.70 to 63.70): BN004711.D (-911) (-)

Ion 95.00 (94.70 to 95.70): BN004711.D (-911) (-)



#14

Acetophenone

Concen: 1.735 ng/ul

RT: 8.54 min Scan# 944

Delta R.T. -0.01 min

Lab File: BN004711.D

Acq: 09 Mar 2019 14:28

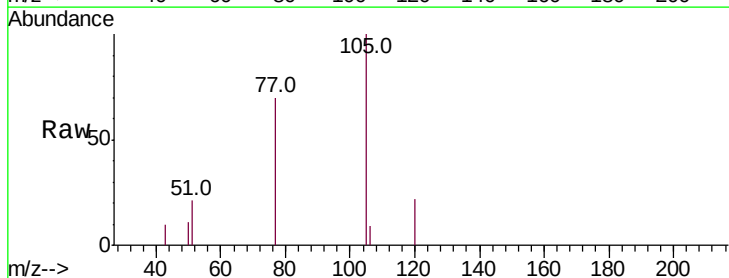
Tgt Ion:105 Resp: 6174

Ion Ratio Lower Upper

105 100

77 70.5 56.1 84.1

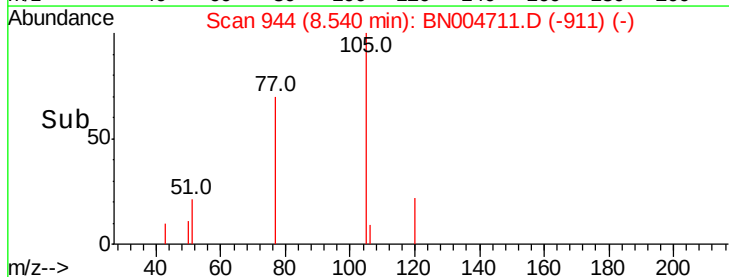
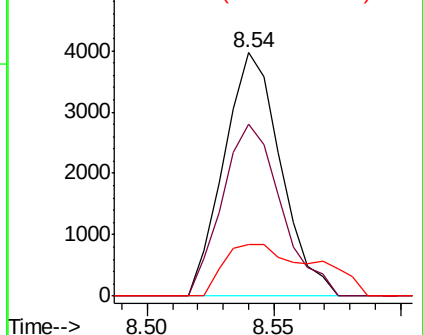
51 21.3 17.2 25.8

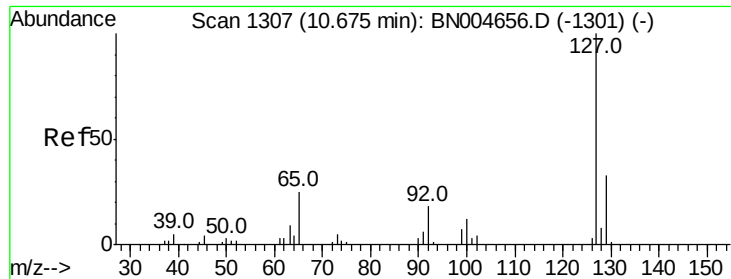


Abundance Ion 105.00 (104.70 to 105.70): BN004711.D (-911) (-)

Ion 77.00 (76.70 to 77.70): BN004711.D (-911) (-)

Ion 51.00 (50.70 to 51.70): BN004711.D (-911) (-)

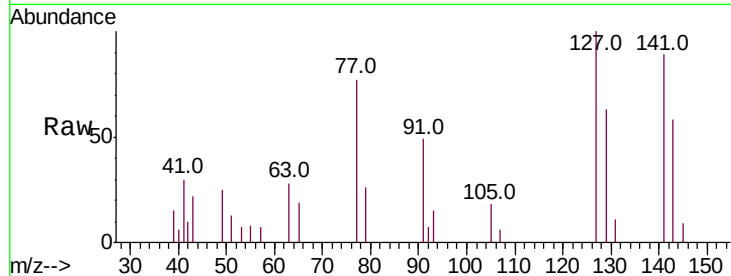




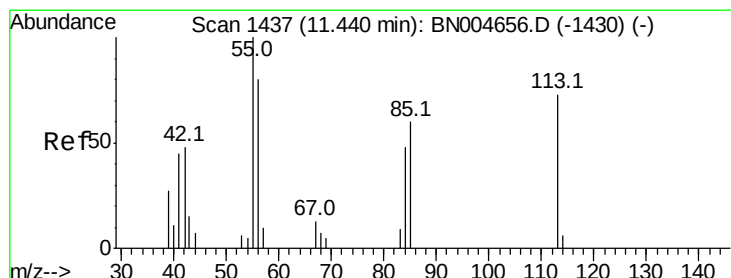
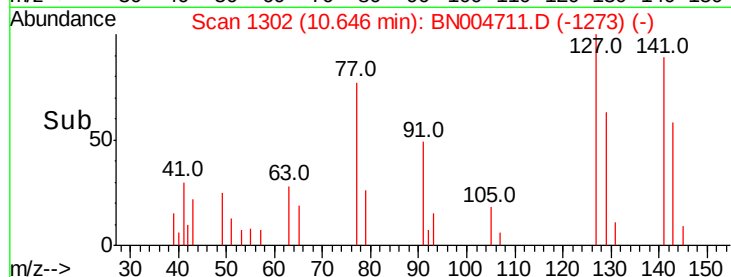
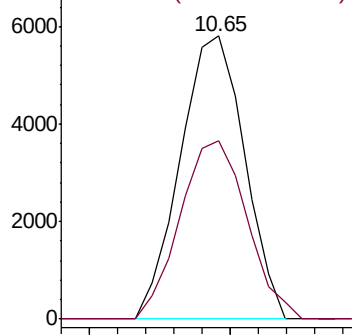
#30
4-Chloroaniline
Concen: 3.467 ng/ul
RT: 10.65 min Scan# 1302
Delta R.T. -0.03 min
Lab File: BN004711.D
Acq: 09 Mar 2019 14:28

Instrument :
BNA_N
ClientSampleId :

Tot Ion:127 Resp: 9162
Ion Ratio Lower Upper
127 100
129 63.1 26.1 39.1#

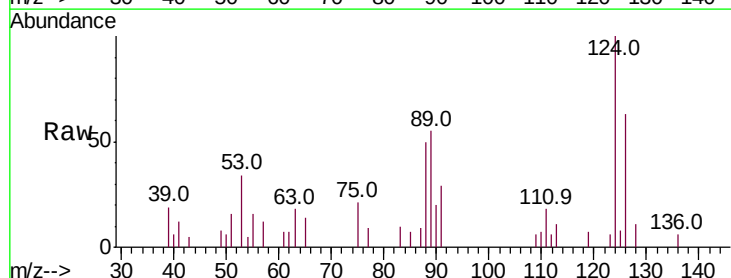


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E

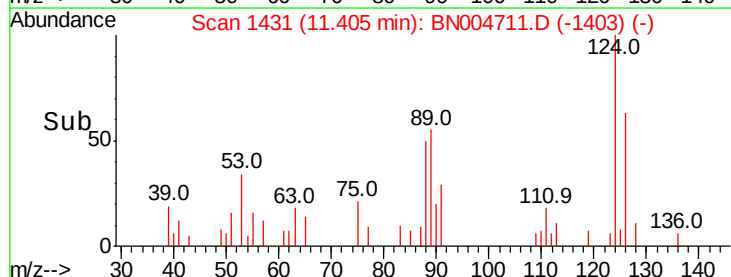
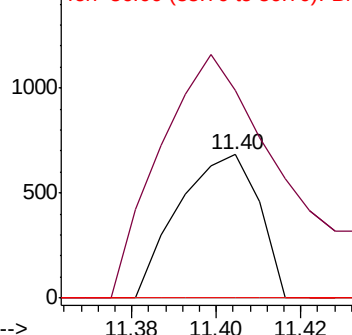


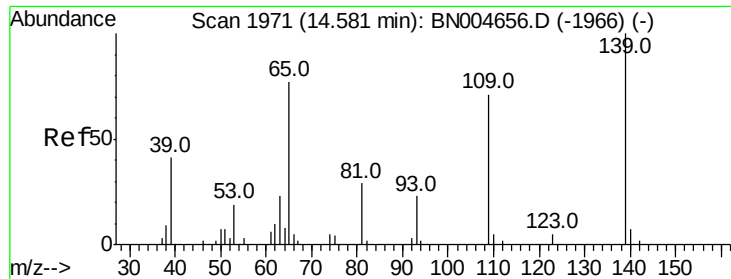
#32
Caprolactam
Concen: 1.255 ng/ul
RT: 11.40 min Scan# 1431
Delta R.T. -0.04 min
Lab File: BN004711.D
Acq: 09 Mar 2019 14:28

Tgt Ion:113 Resp: 907
Ion Ratio Lower Upper
113 100
55 145.1 100.7 151.1
56 0.0 76.1 114.1#



Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BNC
Ion 56.00 (55.70 to 56.70): BNC

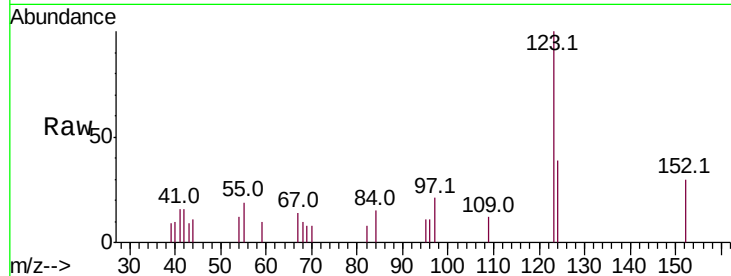




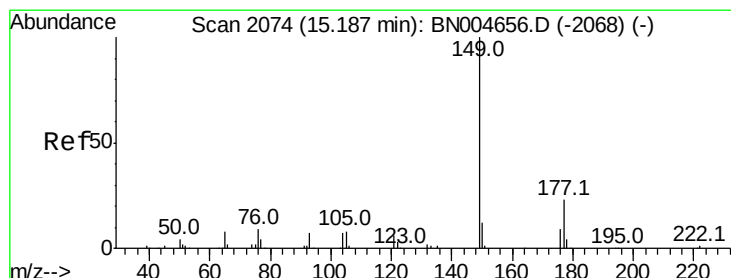
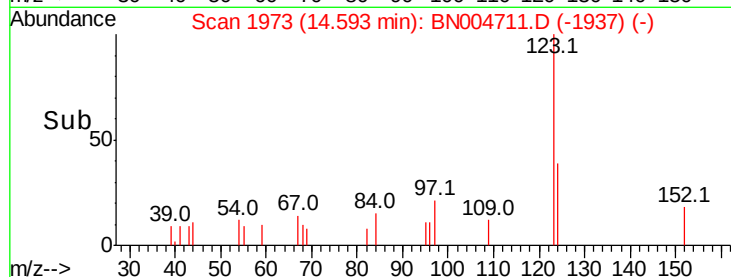
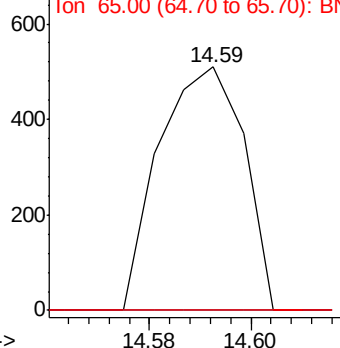
#53
4-Nitrophenol
Concen: 76.434 ng/ul
RT: 14.59 min Scan# 1973
Delta R.T. 0.01 min
Lab File: BN004711.D
Acq: 09 Mar 2019 14:28

Instrument :
BNA_N
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
109	100		
139	0.0	112.1	168.1#
65	0.0	90.3	135.5#

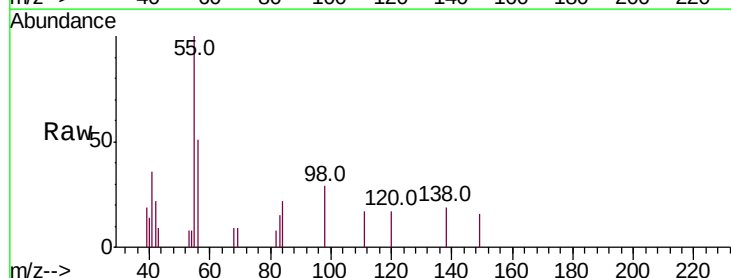


Abundance Ion 109.00 (108.70 to 109.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 65.00 (64.70 to 65.70): BNO



#57
Diethylphthalate
Concen: 9.348 ng/ul
RT: 15.18 min Scan# 2073
Delta R.T. -0.01 min
Lab File: BN004711.D
Acq: 09 Mar 2019 14:28

Tgt Ion	Ratio	Lower	Upper
149	100		
177	0.0	18.0	27.0#
150	0.0	10.2	15.2#



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

