

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN031219\
 Data File : BN004722.D
 Acq On : 12 Mar 2019 15:17
 Operator : JU/SJ
 Sample : K1762-05RX
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0959RX

Quant Time: Mar 14 03:51:02 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN030719MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Mar 14 03:35:10 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	35783	20.00	ng/ul	0.00
18) Naphthalene-d8	10.50	136	132942	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.29	164	628	20.00	ng/ul	-0.07
62) Phenanthrene-d10	17.11	188	50615	20.00	ng/ul	0.00
78) Chrysene-d12	21.31	240	3191	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	2248	3.54	ng/uL	0.00
5) Phenol-d5	0.00	99	0	0.00	ng/ul	
7) Bis-(2-Chloroethyl)ether-d	7.06	67	39532	25.63	ng/ul	0.00
9) 2-Chlorophenol-d4	7.17	132	1013	0.39	ng/ul	-0.08
13) 4-Methylphenol-d8	8.44	113	254	0.10	ng/ul	0.02
19) Nitrobenzene-d5	8.89	128	34096	33.64	ng/ul	0.00
22) 2-Nitrophenol-d4	9.60	143	11782	10.24	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	0.00	165	0	0.00	ng/ul	
29) 4-Chloroaniline-d4	10.65	131	3950	1.50	ng/ul	0.00
44) Dimethylphthalate-d6	13.77	166	207777	3826.46	ng/ul	0.00
47) Acenaphthylene-d8	0.00	160	0	0.00	ng/ul	
52) 4-Nitrophenol-d4	0.00	143	0	0.00	ng/ul	
58) Fluorene-d10	0.00	176	0	0.00	ng/ul	
63) 4,6-Dinitro-2-methylphenol	0.00	200	0	0.00	ng/ul	
71) Anthracene-d10	0.00	188	0d	0.00	ng/ul	
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

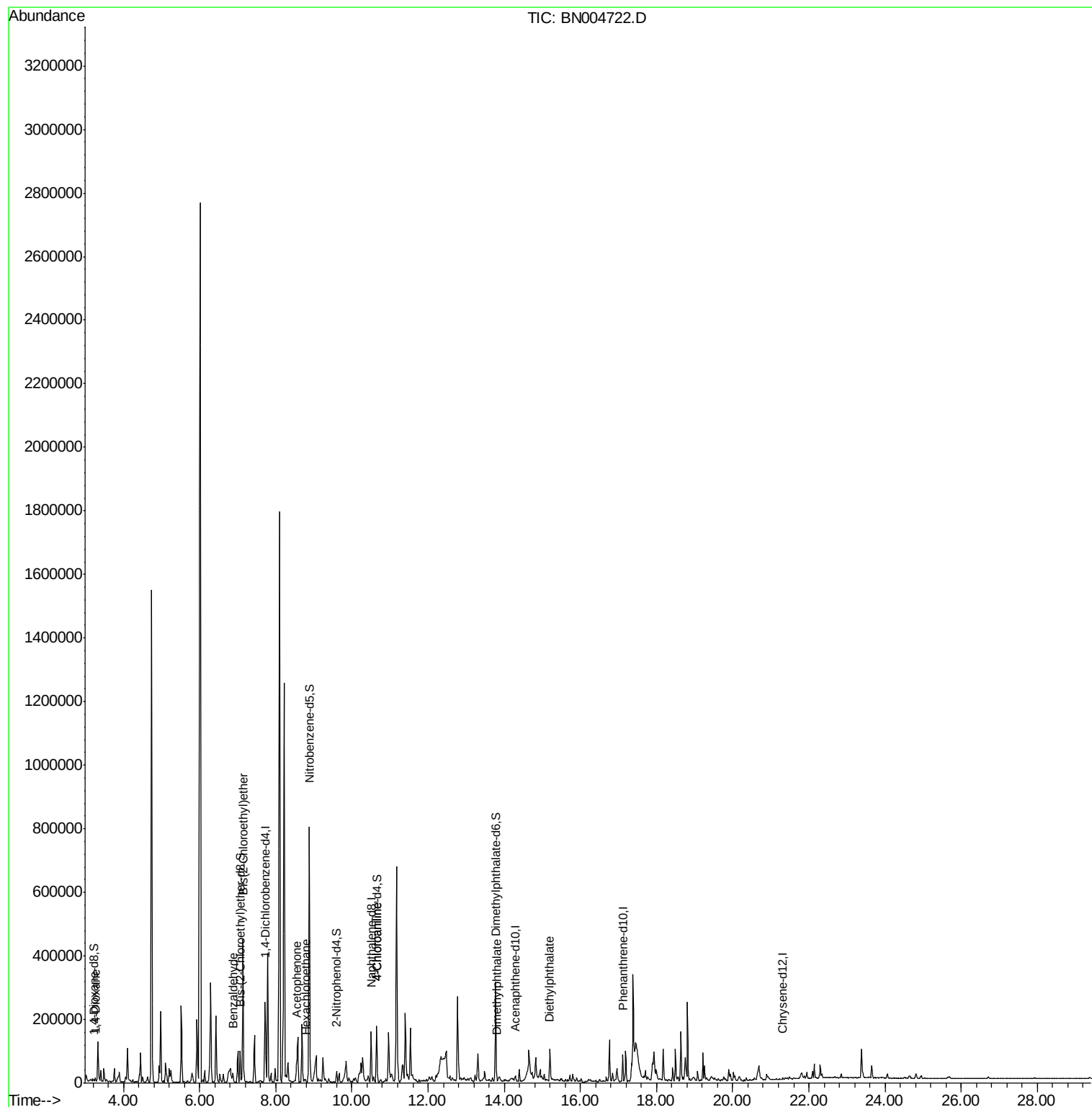
					Qvalue	
2) 1,4-Dioxane	3.26	88	5925	7.579	ng/uL	95
4) Benzaldehyde	6.88	77	8470	4.424	ng/ul	93
8) Bis(2-Chloroethyl)ether	7.14	93	166231	75.049	ng/ul#	49
14) Acetophenone	8.55	105	29657	7.691	ng/ul	99
17) Hexachloroethane	8.79	117	1313	1.354	ng/ul	96
30) 4-Chloroaniline	10.65	127	37347	13.963	ng/ul#	43
45) Dimethylphthalate	13.82	163	334	6.269	ng/ul#	77
57) Diethylphthalate	15.18	149	3784	70.088	ng/ul	96

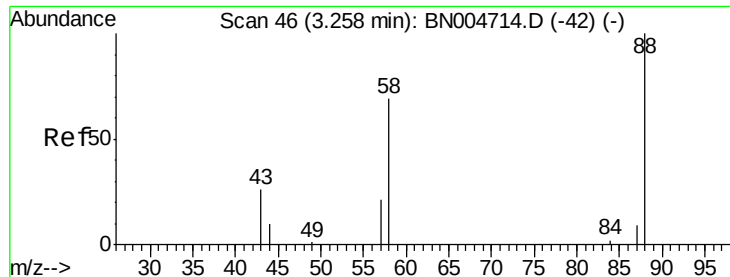
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#2

1,4-Dioxane

Concen: 7.579 ng/uL

RT: 3.26 min Scan# 47

Delta R.T. 0.01 min

Lab File: BN004722.D

Acq: 12 Mar 2019 15:17

Instrument :

BNA_N

ClientSampleId :

C0959RX

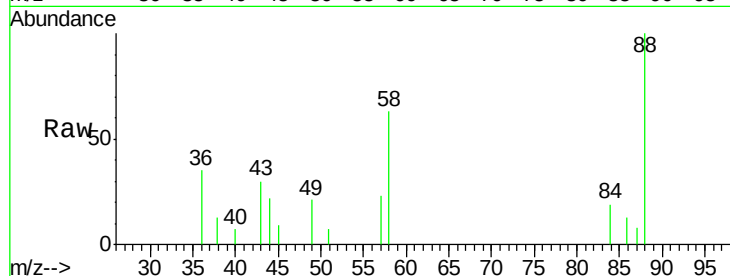
Tgt Ion: 88 Resp: 5925

Ion Ratio Lower Upper

88 100

43 30.2 25.6 38.4

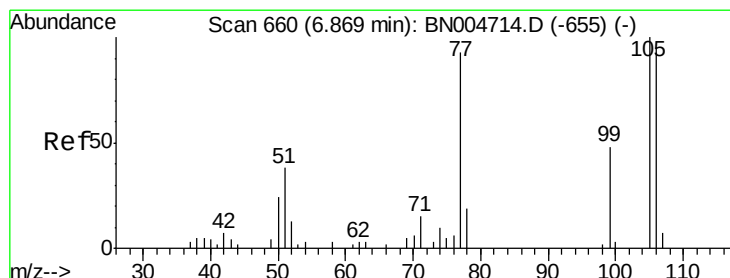
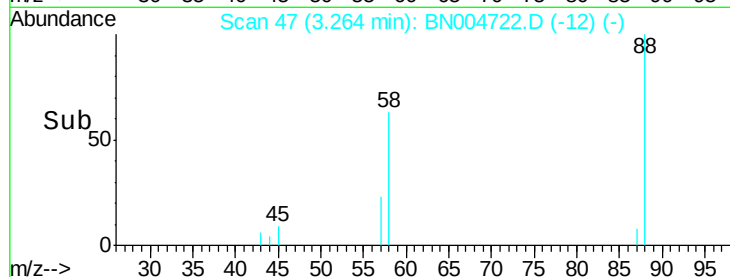
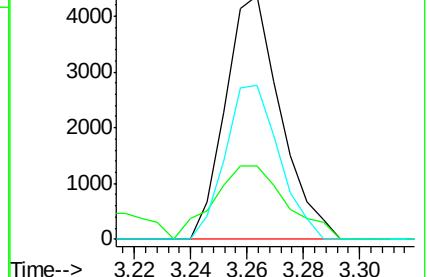
58 63.2 54.6 82.0



Abundance Ion 88.00 (87.70 to 88.70): BN004722.D (-12) (-)

Ion 43.00 (42.70 to 43.70): BN004722.D (-12) (-)

Ion 58.00 (57.70 to 58.70): BN004722.D (-12) (-)



#4

Benzaldehyde

Concen: 4.424 ng/uL

RT: 6.88 min Scan# 661

Delta R.T. 0.01 min

Lab File: BN004722.D

Acq: 12 Mar 2019 15:17

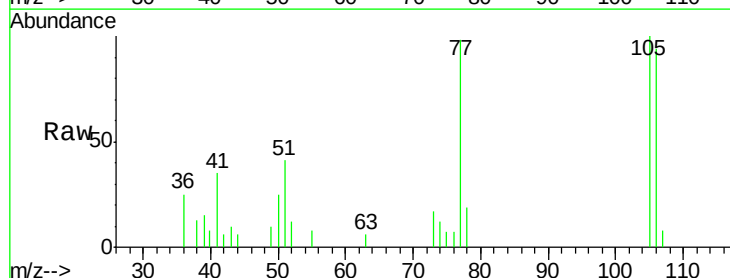
Tgt Ion: 77 Resp: 8470

Ion Ratio Lower Upper

77 100

105 102.5 85.4 128.0

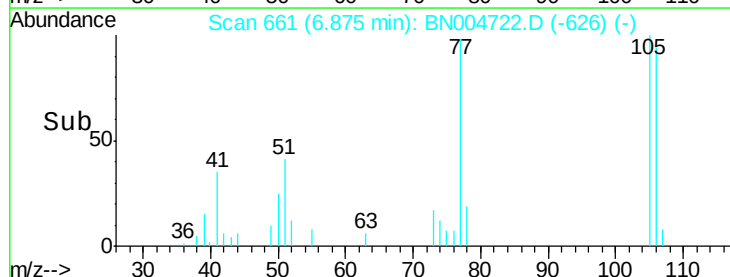
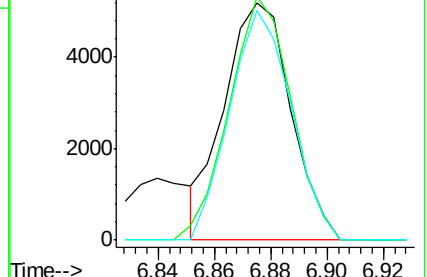
106 96.5 84.8 127.2

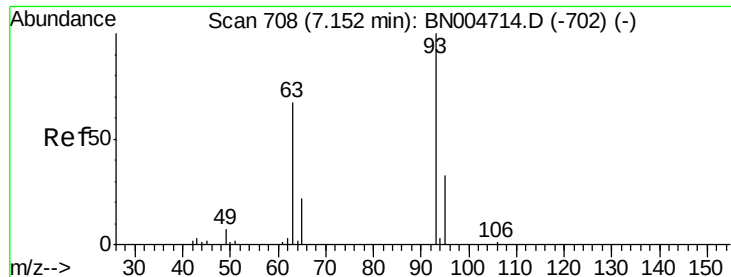


Abundance Ion 77.00 (76.70 to 77.70): BN004722.D (-626) (-)

Ion 105.00 (104.70 to 105.70): BN004722.D (-626) (-)

Ion 106.00 (105.70 to 106.70): BN004722.D (-626) (-)



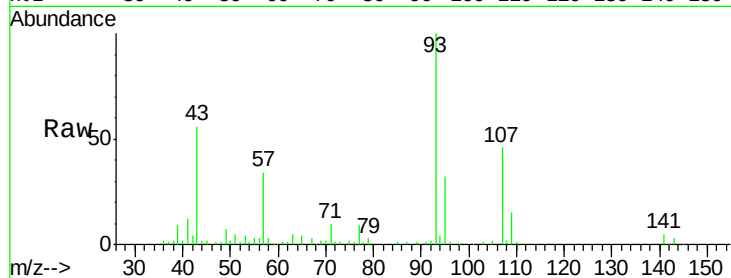


#8

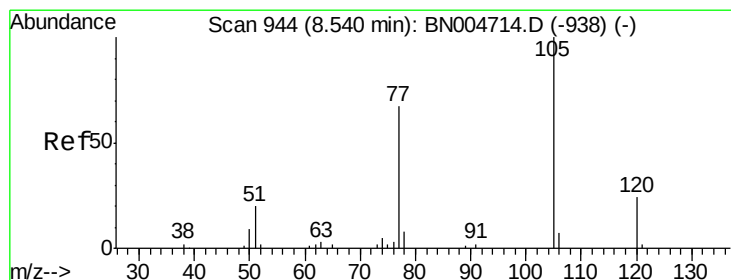
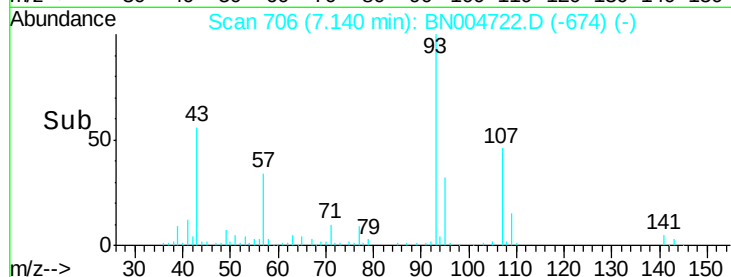
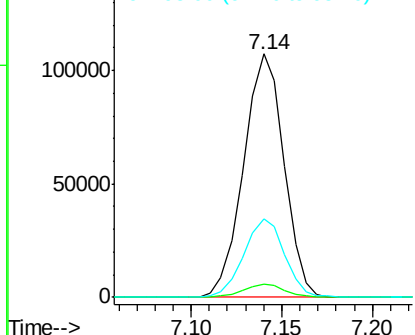
Bis(2-Chloroethyl)ether
 Concen: 75.049 ng/ul
 RT: 7.14 min Scan# 706
 Delta R.T. -0.01 min
 Lab File: BN004722.D
 Acq: 12 Mar 2019 15:17

Instrument :
 BNA_N
 ClientSampleId :
 C0959RX

Tgt Ion: 93 Resp: 166231
 Ion Ratio Lower Upper
 93 100
 63 5.4 52.8 79.2#
 95 32.4 25.9 38.9



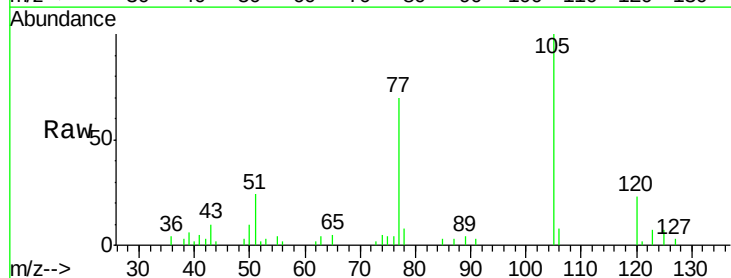
Abundance Ion 93.00 (92.70 to 93.70): BN0
 Ion 63.00 (62.70 to 63.70): BN0
 Ion 95.00 (94.70 to 95.70): BN0



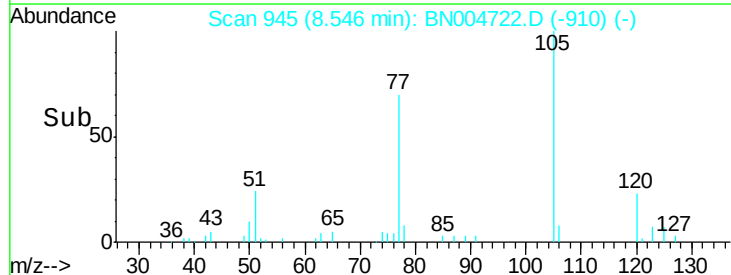
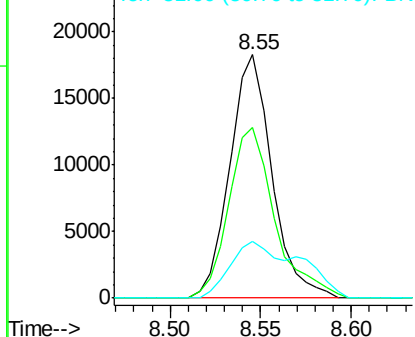
#14

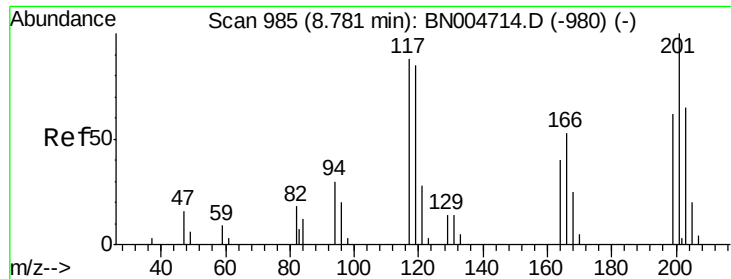
Acetophenone
 Concen: 7.691 ng/ul
 RT: 8.55 min Scan# 945
 Delta R.T. 0.01 min
 Lab File: BN004722.D
 Acq: 12 Mar 2019 15:17

Tgt Ion: 105 Resp: 29657
 Ion Ratio Lower Upper
 105 100
 77 70.2 56.1 84.1
 51 23.5 17.2 25.8



Abundance Ion 105.00 (104.70 to 105.70): E
 Ion 77.00 (76.70 to 77.70): BN0
 Ion 51.00 (50.70 to 51.70): BN0

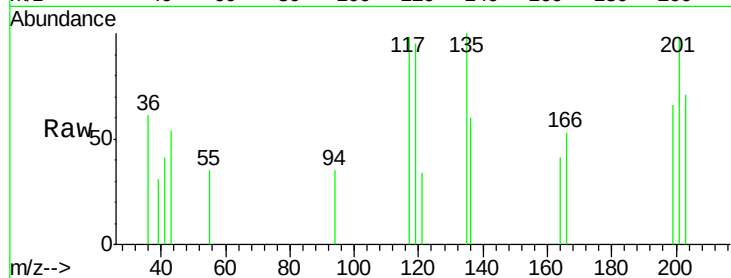




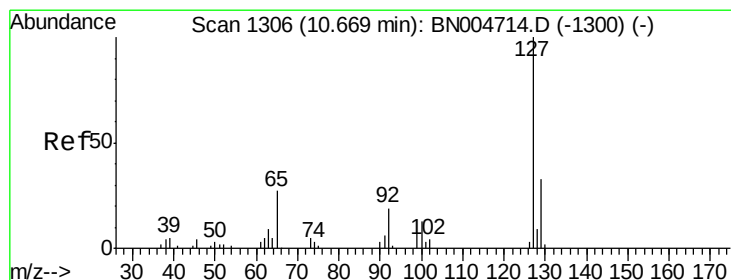
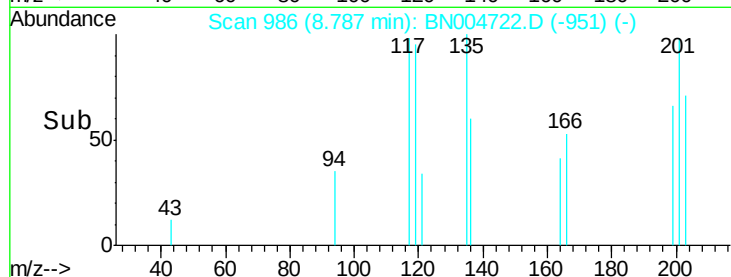
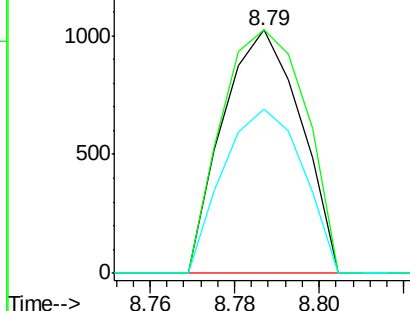
#17
Hexachloroethane
Concen: 1.354 ng/ul
RT: 8.79 min Scan# 986
Delta R.T. 0.01 min
Lab File: BN004722.D
Acq: 12 Mar 2019 15:17

Instrument :
BNA_N
ClientSampleId :
C0959RX

Tgt Ion:117 Resp: 1313
Ion Ratio Lower Upper
117 100
201 100.0 85.0 127.6
199 67.3 53.8 80.8

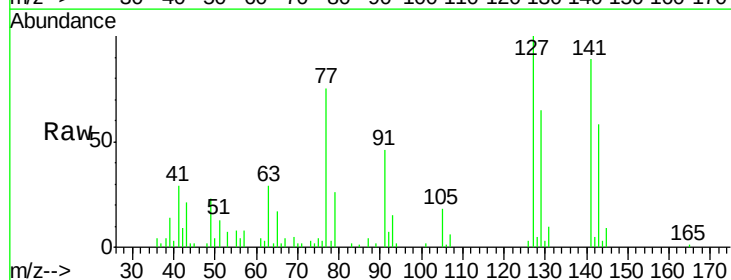


Abundance Ion 117.00 (116.70 to 117.70): E
Ion 201.00 (200.70 to 201.70): E
Ion 199.00 (198.70 to 199.70): E

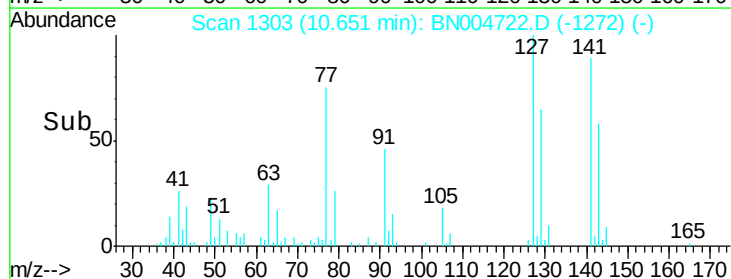
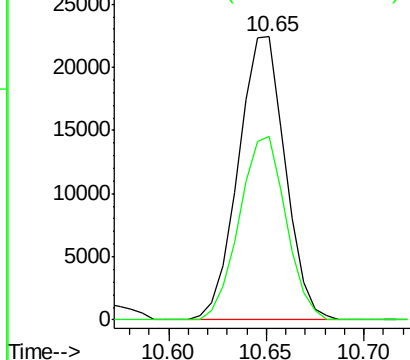


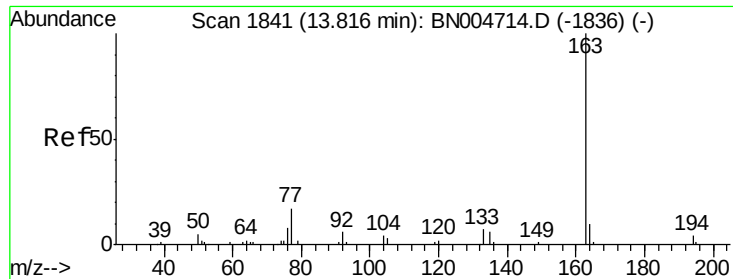
#30
4-Chloroaniline
Concen: 13.963 ng/ul
RT: 10.65 min Scan# 1303
Delta R.T. -0.02 min
Lab File: BN004722.D
Acq: 12 Mar 2019 15:17

Tgt Ion:127 Resp: 37347
Ion Ratio Lower Upper
127 100
129 64.9 26.1 39.1#



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





#45

Dimethylphthalate

Concen: 6.269 ng/ul

RT: 13.82 min Scan# 1842

Delta R.T. 0.01 min

Lab File: BN004722.D

Acq: 12 Mar 2019 15:17

Instrument :

BNA_N

ClientSampleId :

C0959RX

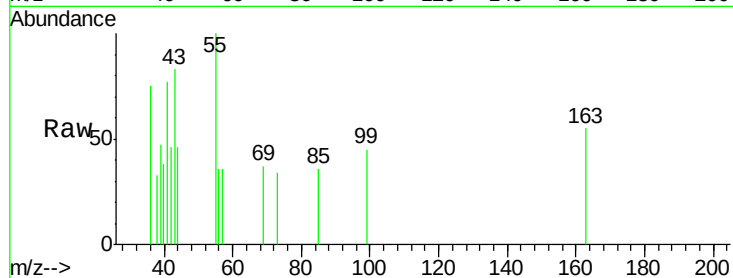
Tgt Ion:163 Resp: 334

Ion Ratio Lower Upper

163 100

194 0.0 3.4 5.2#

164 0.0 7.9 11.9#



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

13.82

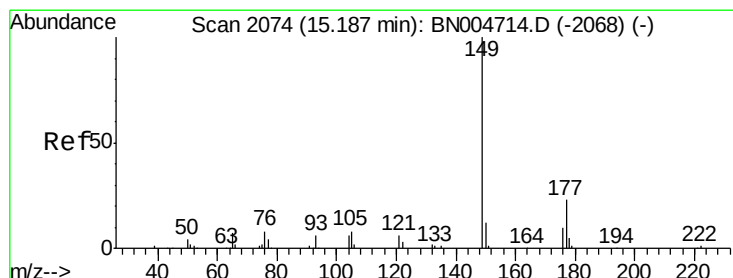
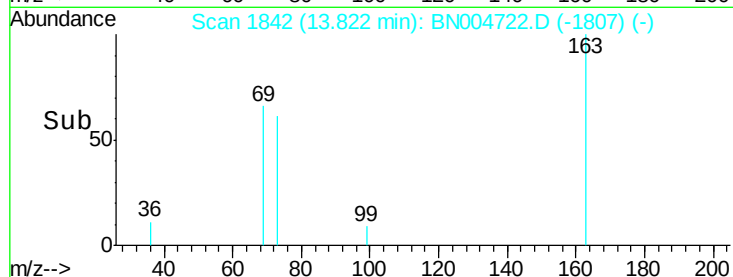
400

200

0

13.81 13.82 13.83

Time-->



#57

Diethylphthalate

Concen: 70.088 ng/ul

RT: 15.18 min Scan# 2073

Delta R.T. -0.01 min

Lab File: BN004722.D

Acq: 12 Mar 2019 15:17

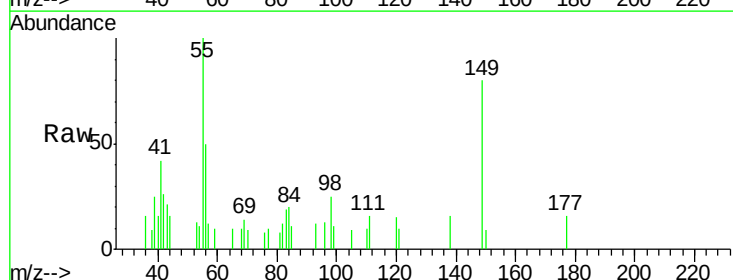
Tgt Ion:149 Resp: 3784

Ion Ratio Lower Upper

149 100

177 20.2 18.0 27.0

150 11.6 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

15.18

4000

3000

2000

1000

0

15.16 15.18 15.20

Time-->

