

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN030819\
 Data File : BN004706.D
 Acq On : 09 Mar 2019 11:31
 Operator : JU/SJ
 Sample : K1762-05
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Mar 11 00:30:37 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	32185	20.00	ng/ul	0.00
18) Naphthalene-d8	10.50	136	118582	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.29	164	285	20.00	ng/ul	-0.08
62) Phenanthrene-d10	17.11	188	42216	20.00	ng/ul	0.00
78) Chrysene-d12	21.31	240	4717	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	2457	4.31	ng/uL	0.00
5) Phenol-d5	0.00	99	0	0.00	ng/ul	
7) Bis-(2-Chloroethyl)ether-d	7.06	67	38528	27.77	ng/ul	0.00
9) 2-Chlorophenol-d4	7.26	132	4379	1.90	ng/ul	0.00
13) 4-Methylphenol-d8	0.00	113	0	0.00	ng/ul	
19) Nitrobenzene-d5	8.88	128	34910	38.62	ng/ul	0.00
22) 2-Nitrophenol-d4	9.59	143	11764	11.46	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.13	165	15363	7.85	ng/ul	0.01
29) 4-Chloroaniline-d4	10.65	131	4672	1.99	ng/ul	0.00
44) Dimethylphthalate-d6	13.77	166	206549	8381.80	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	15.36	176	12928	617.26	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	0.00	200	0	0.00	ng/ul	
71) Anthracene-d10	17.11	188	42216	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	4829	6.867	ng/uL	94
4) Benzaldehyde	6.88	77	10539	6.120	ng/ul	90
8) Bis(2-Chloroethyl)ether	7.13	93	98595	49.489	ng/ul#	49
14) Acetophenone	8.54	105	32118	9.260	ng/ul	99
20) Nitrobenzene	8.88	77	3244	1.748	ng/ul#	1
30) 4-Chloroaniline	10.65	127	45345	19.006	ng/ul#	43
32) Caprolactam	11.40	113	5209	7.985	ng/ul#	55
40) 2,4,5-Trichlorophenol	12.79	196	221	31.274	ng/ul#	1
43) 2-Nitroaniline	13.30	65	686	153.812	ng/ul#	1
45) Dimethylphthalate	13.82	163	248	10.257	ng/ul#	77
50) Acenaphthene	14.39	153	283	14.283	ng/ul#	1
53) 4-Nitrophenol	14.65	109	2808	844.975	ng/ul#	1
54) Dibenzofuran	14.70	168	263	9.241	ng/ul#	1
55) 2,4-Dinitrotoluene	14.60	165	1149	158.890	ng/ul#	44
57) Diethylphthalate	15.18	149	3048	124.401	ng/ul	98
59) Fluorene	15.20	166	4658	203.972	ng/ul#	13
61) 4-Nitroaniline	15.20	138	11936	2142.181	ng/ul#	18
75) Carbazole	17.39	167	3477	1.669	ng/ul#	67
81) Butylbenzylphthalate	20.44	149	1089	9.275	ng/ul#	28
83) Benzo(a)anthracene	21.35	228	544	1.833	ng/ul#	52
84) Bis(2-ethylhexyl)phthalate	21.22	149	2328	13.644	ng/ul#	89
85) Chrysene	21.35	228	544	1.974	ng/ul#	50

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN030819\
Data File : BN004706.D
Acq On : 09 Mar 2019 11:31
Operator : JU/SJ
Sample : K1762-05
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Mar 11 00:30:37 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

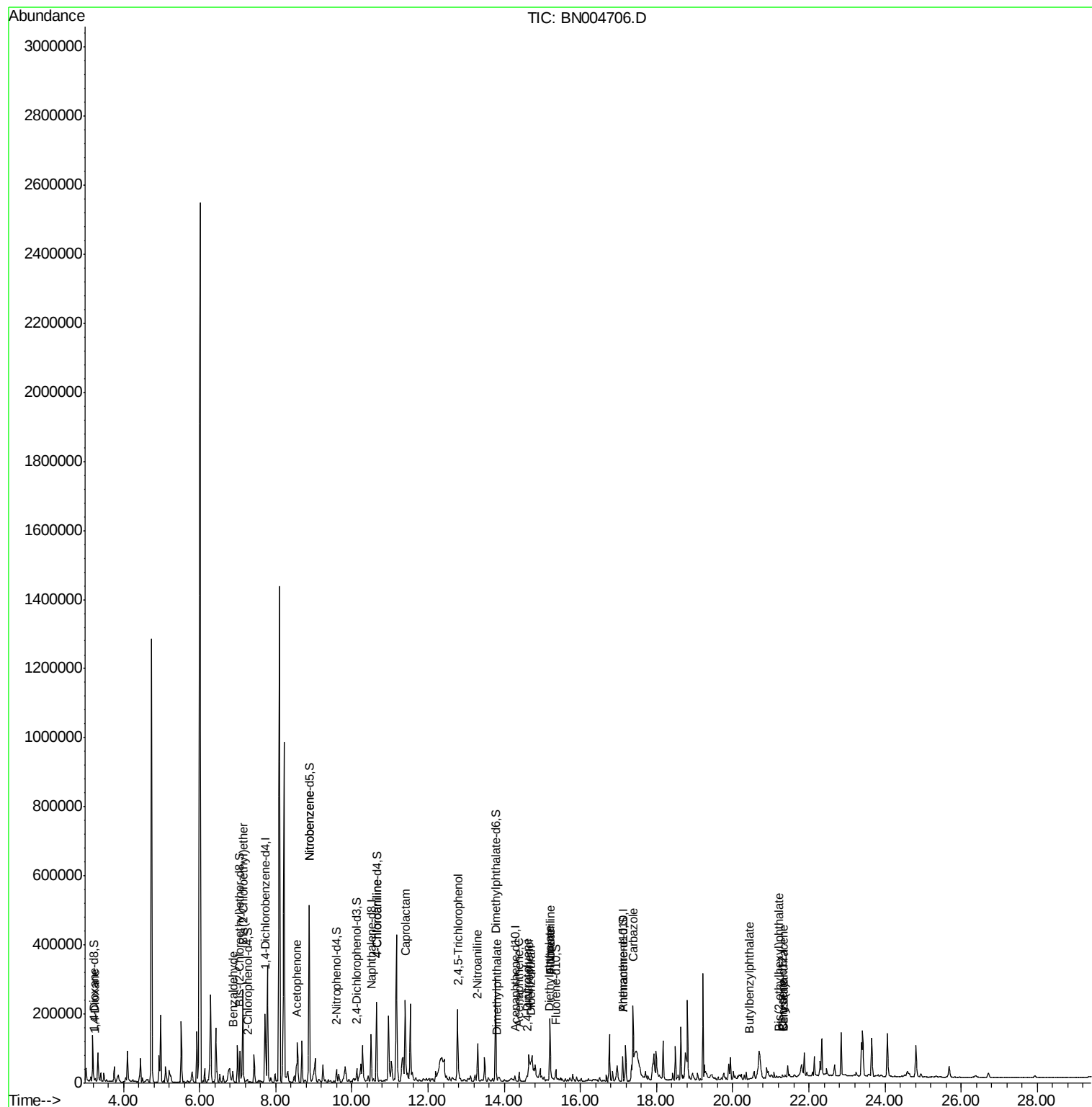
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
--------------------	------	------	----------	------	-------	----------

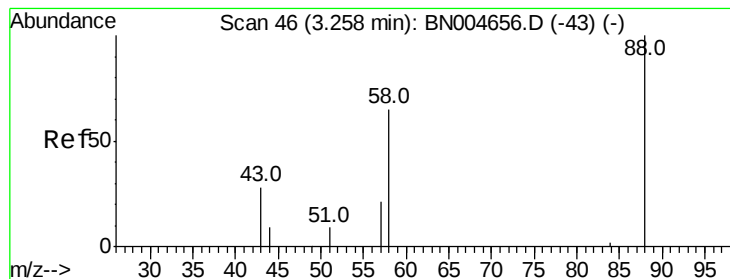
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN030819\
Data File : BN004706.D
Acq On : 09 Mar 2019 11:31
Operator : JU/SJ
Sample : K1762-05
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Mar 11 00:30:37 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





#2

1,4-Dioxane

Concen: 6.867 ng/uL

RT: 3.26 min Scan# 47

Delta R.T. 0.01 min

Lab File: BN004706.D

Acq: 09 Mar 2019 11:31

Instrument :

BNA_N

ClientSampled :

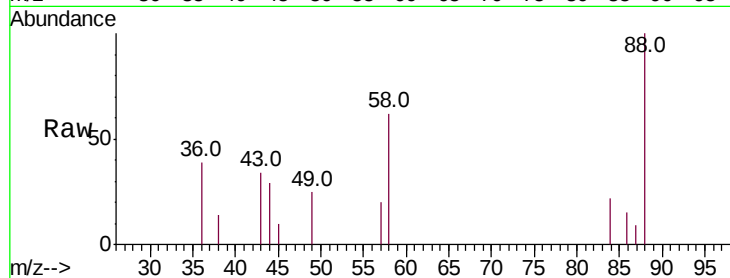
Tot Ion: 88 Resp: 4829

Ion Ratio Lower Upper

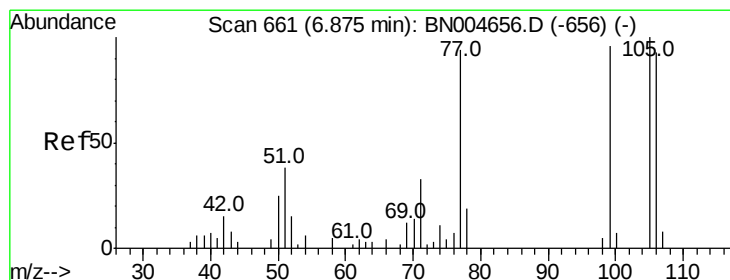
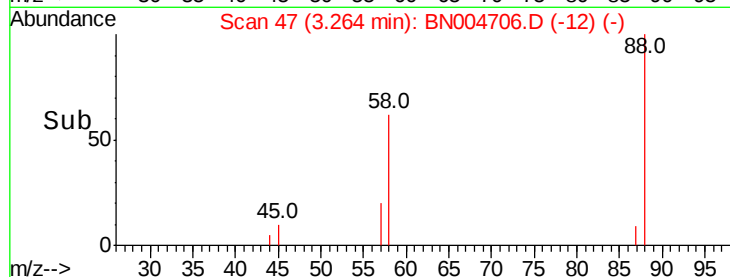
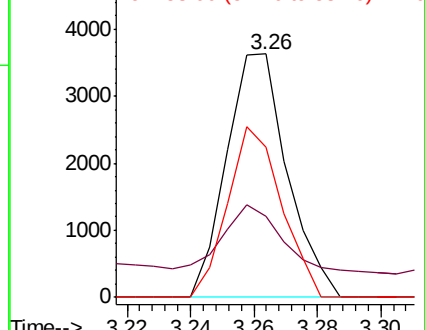
88 100

43 33.5 25.6 38.4

58 61.9 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: 6.120 ng/uL

RT: 6.88 min Scan# 661

Delta R.T. -0.00 min

Lab File: BN004706.D

Acq: 09 Mar 2019 11:31

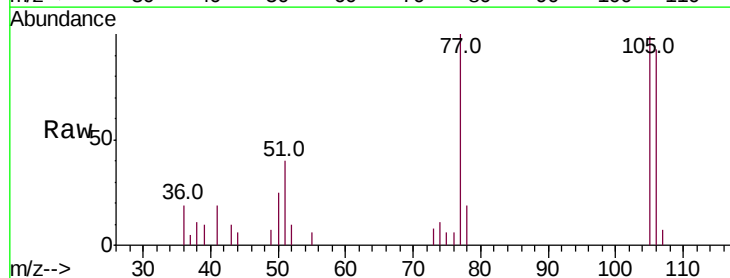
Tgt Ion: 77 Resp: 10539

Ion Ratio Lower Upper

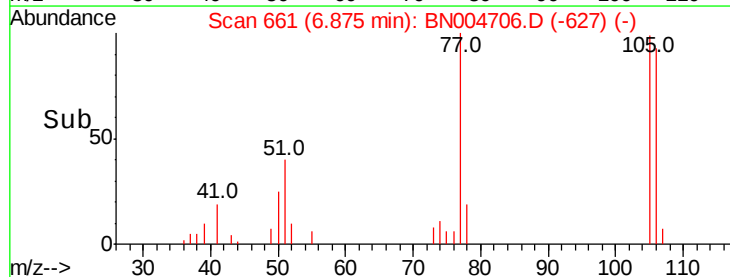
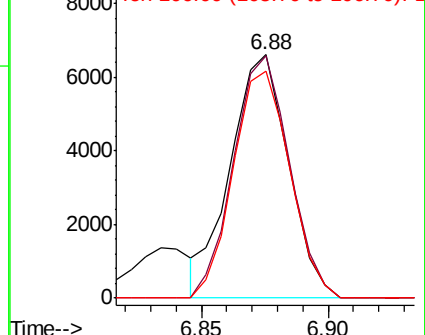
77 100

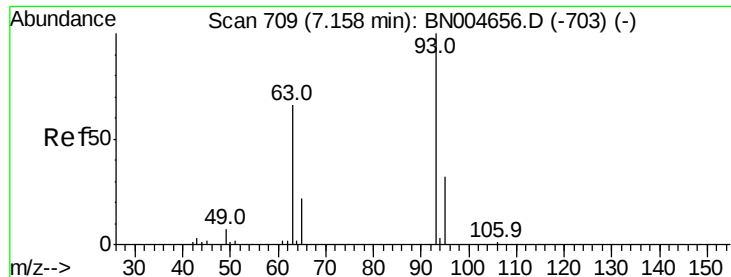
105 99.5 85.4 128.0

106 93.2 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



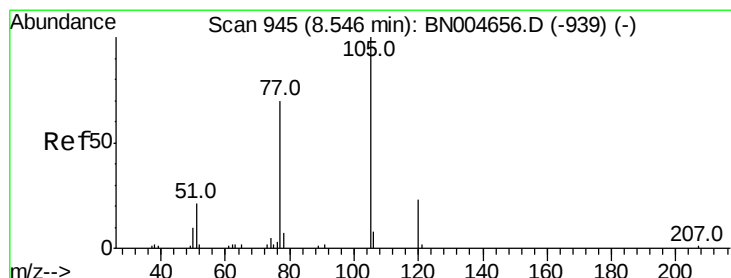
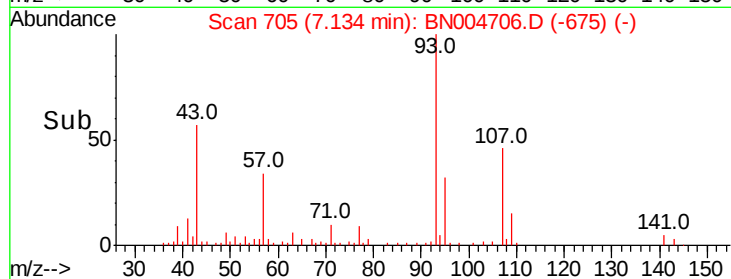
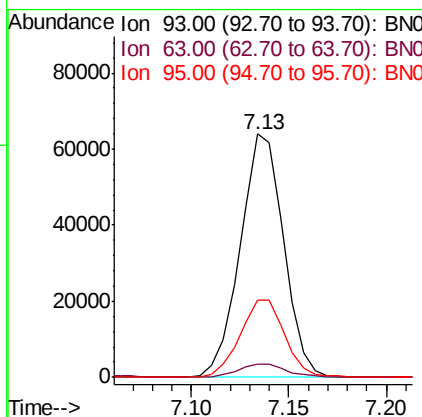
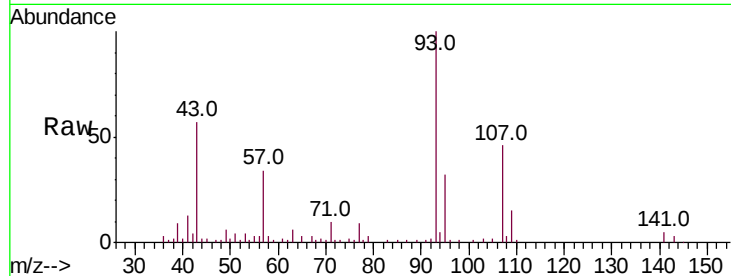


#8

Bis(2-Chloroethyl)ether
 Concen: 49.489 ng/ul
 RT: 7.13 min Scan# 705
 Delta R.T. -0.02 min
 Lab File: BN004706.D
 Acq: 09 Mar 2019 11:31

Instrument :
 BNA_N
 ClientSampleId :

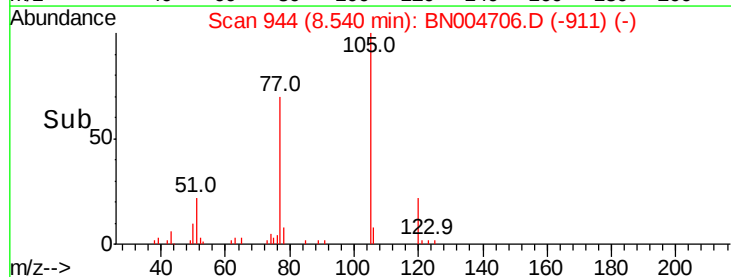
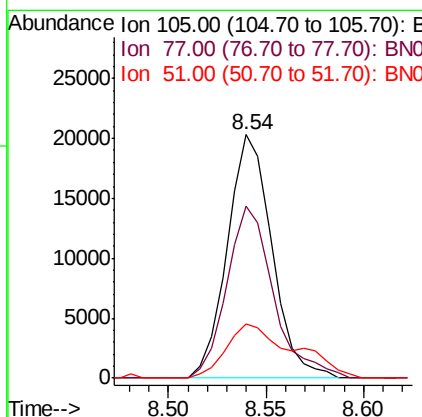
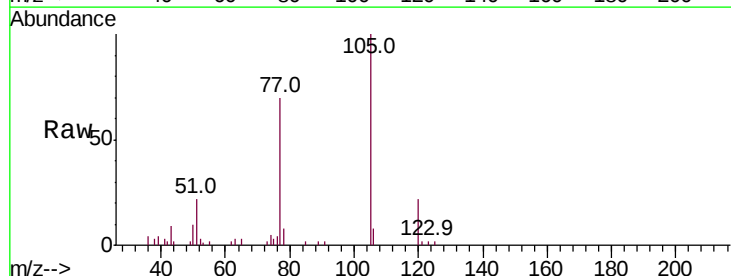
Tot Ion	Ratio	Lower	Upper
93	100		
63	5.5	52.8	79.2#
95	31.8	25.9	38.9

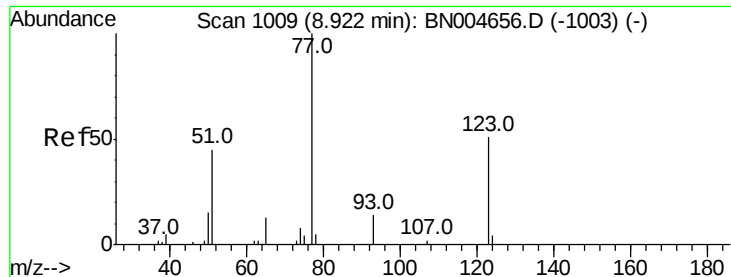


#14

Acetophenone
 Concen: 9.260 ng/ul
 RT: 8.54 min Scan# 944
 Delta R.T. -0.01 min
 Lab File: BN004706.D
 Acq: 09 Mar 2019 11:31

Tgt Ion	Ratio	Lower	Upper
105	100		
77	70.4	56.1	84.1
51	22.4	17.2	25.8





#20

Nitrobenzene

Concen: 1.748 ng/ul

RT: 8.88 min Scan# 1002

Delta R.T. -0.05 min

Lab File: BN004706.D

Acq: 09 Mar 2019 11:31

Instrument :

BNA_N

ClientSampleId :

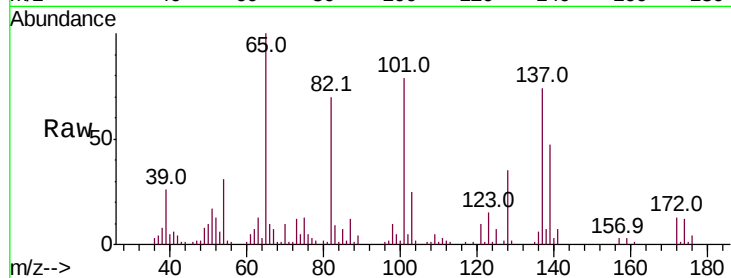
Tot Ion: 77 Resp: 3244

Ion Ratio Lower Upper

77 100

123 428.3 41.6 62.4#

65 2874.0 10.2 15.4#

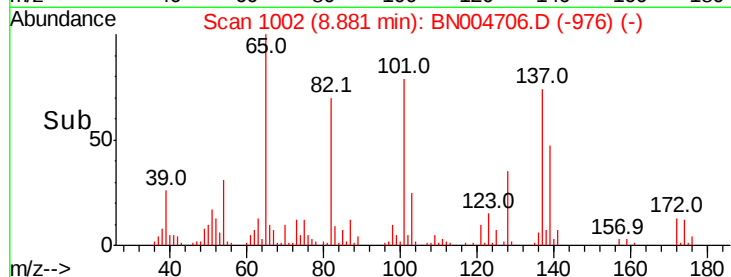


Abundance Ion 77.00 (76.70 to 77.70): BN004706.D (-976) (-)

Ion 123.00 (122.70 to 123.70): BN004706.D (-976) (-)

Ion 65.00 (64.70 to 65.70): BN004706.D (-976) (-)

Time-->

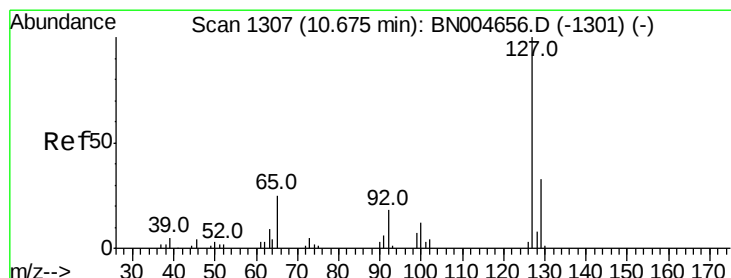


Abundance Ion 77.00 (76.70 to 77.70): BN004706.D (-976) (-)

Ion 123.00 (122.70 to 123.70): BN004706.D (-976) (-)

Ion 65.00 (64.70 to 65.70): BN004706.D (-976) (-)

Time-->



#30

4-Chloroaniline

Concen: 19.006 ng/ul

RT: 10.65 min Scan# 1302

Delta R.T. -0.03 min

Lab File: BN004706.D

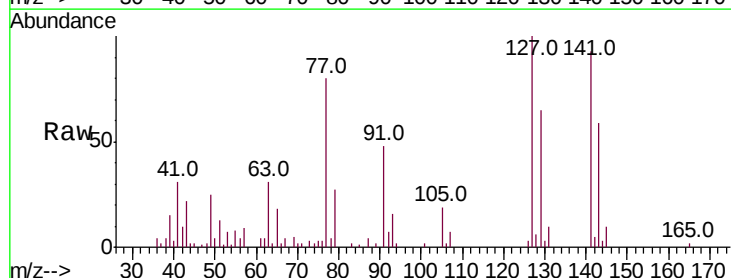
Acq: 09 Mar 2019 11:31

Tgt Ion:127 Resp: 45345

Ion Ratio Lower Upper

127 100

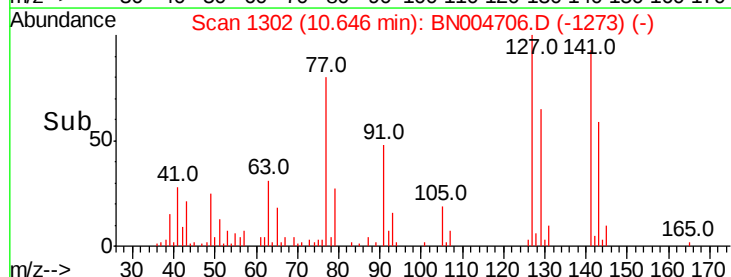
129 64.6 26.1 39.1#



Abundance Ion 127.00 (126.70 to 127.70): BN004706.D (-1273) (-)

Ion 129.00 (128.70 to 129.70): BN004706.D (-1273) (-)

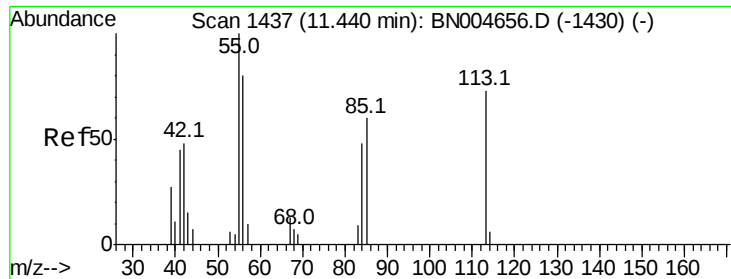
Time-->



Abundance Ion 127.00 (126.70 to 127.70): BN004706.D (-1273) (-)

Ion 129.00 (128.70 to 129.70): BN004706.D (-1273) (-)

Time-->



#32

Caprolactam

Concen: 7.985 ng/ul

RT: 11.40 min Scan# 1431

Delta R.T. -0.04 min

Lab File: BN004706.D

Acq: 09 Mar 2019 11:31

Instrument :

BNA_N

ClientSampleId :

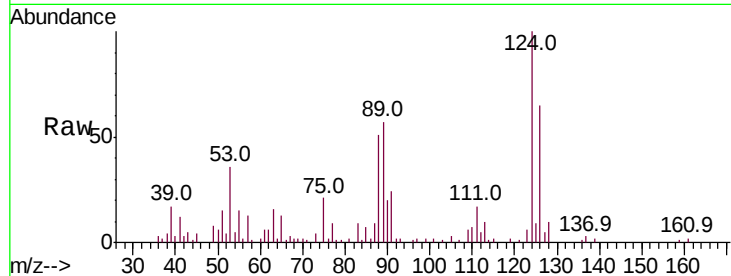
Tot Ion:113 Resp: 5209

Ion Ratio Lower Upper

113 100

55 150.9 100.7 151.1

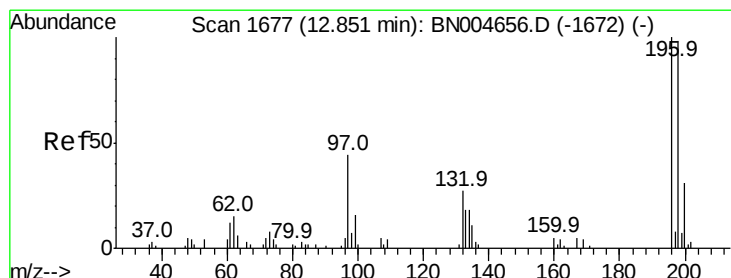
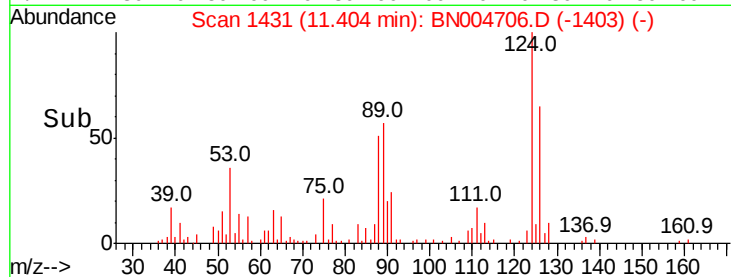
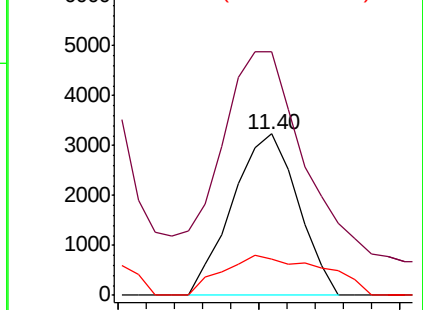
56 22.3 76.1 114.1#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BN0

Ion 56.00 (55.70 to 56.70): BN0



#40

2,4,5-Trichlorophenol

Concen: 31.274 ng/ul

RT: 12.79 min Scan# 1666

Delta R.T. -0.06 min

Lab File: BN004706.D

Acq: 09 Mar 2019 11:31

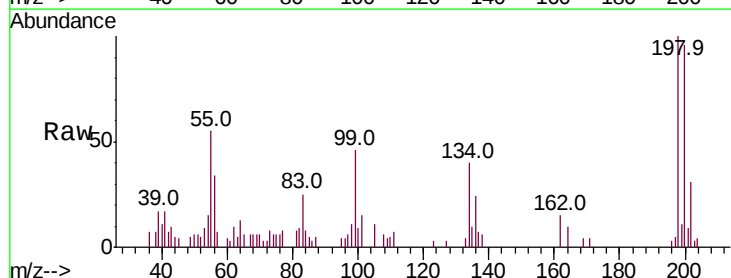
Tgt Ion:196 Resp: 221

Ion Ratio Lower Upper

196 100

198 3646.4 79.9 119.9#

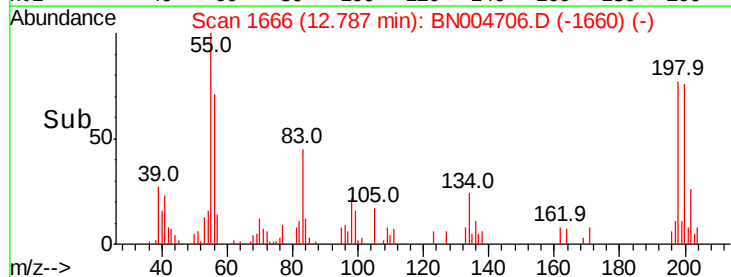
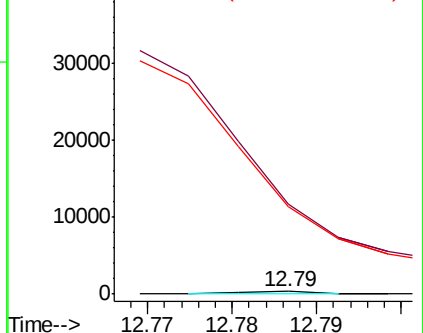
200 3502.8 25.9 38.9#

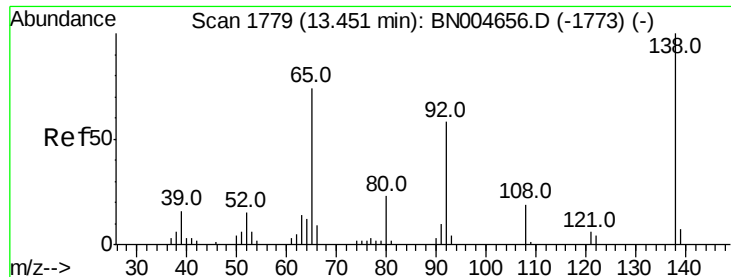


Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E

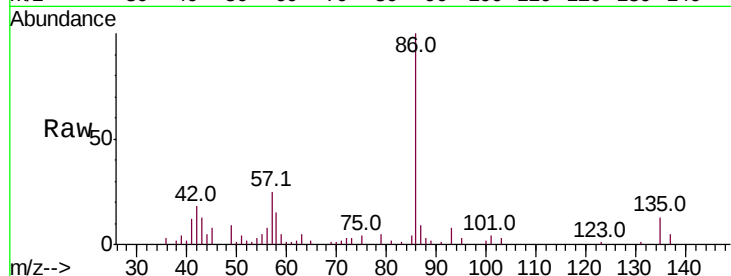




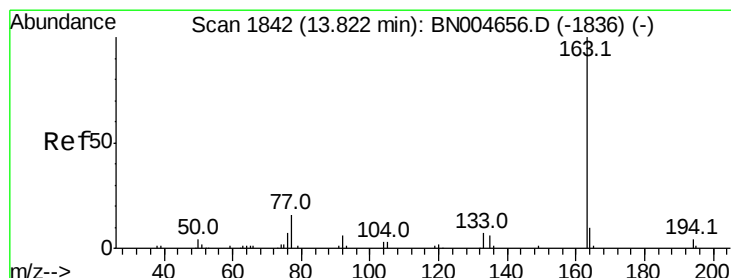
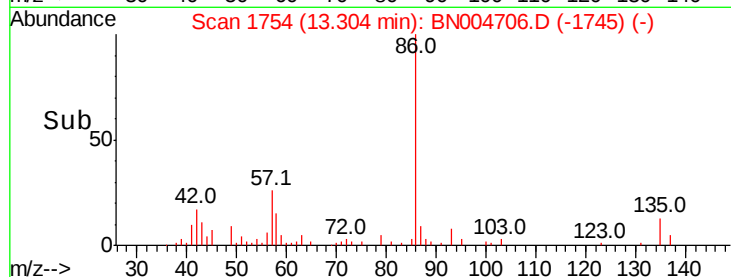
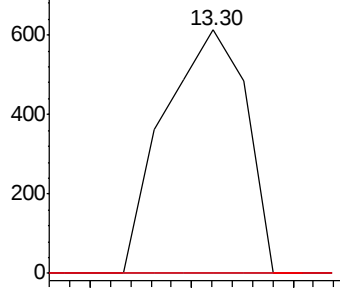
#43
2-Nitroaniline
Concen: 153.812 ng/ul
RT: 13.30 min Scan# 1754
Delta R.T. -0.15 min
Lab File: BN004706.D
Acq: 09 Mar 2019 11:31

Instrument :
BNA_N
ClientSampleId :

Tot Ion: 65 Resp: 686
Ion Ratio Lower Upper
65 100
92 0.0 62.1 93.1#
138 0.0 105.0 157.6#

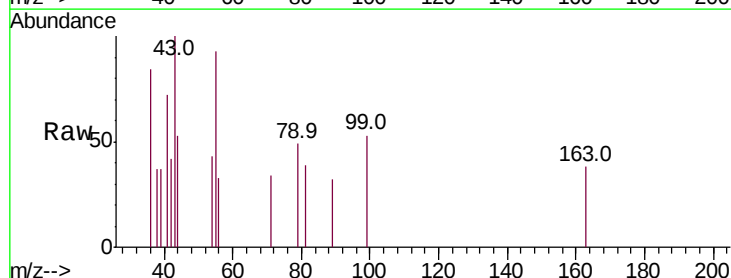


Abundance Ion 65.00 (64.70 to 65.70): BN0
Ion 92.00 (91.70 to 92.70): BN0
Ion 138.00 (137.70 to 138.70): E

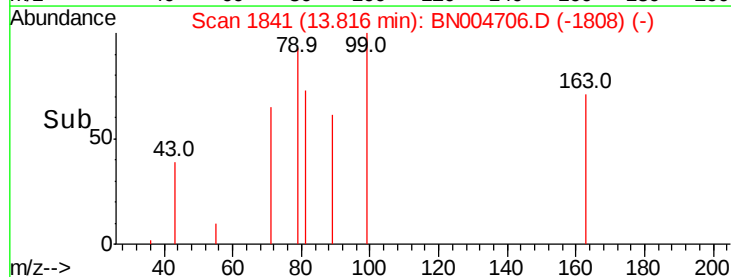
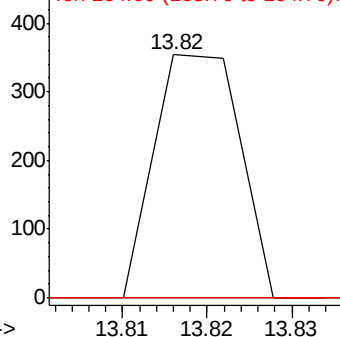


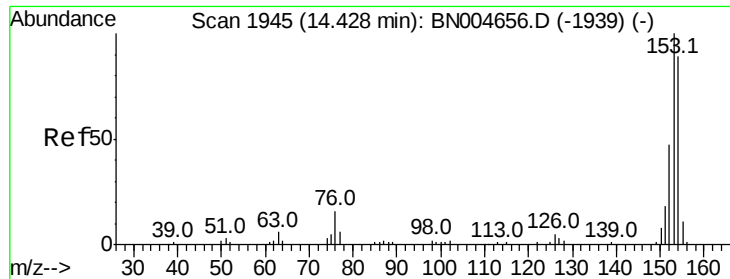
#45
Dimethylphthalate
Concen: 10.257 ng/ul
RT: 13.82 min Scan# 1841
Delta R.T. -0.01 min
Lab File: BN004706.D
Acq: 09 Mar 2019 11:31

Tgt Ion:163 Resp: 248
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





#50

Acenaphthene

Concen: 14.283 ng/ul

RT: 14.39 min Scan# 1938

Delta R.T. -0.04 min

Lab File: BN004706.D

Acq: 09 Mar 2019 11:31

Instrument :

BNA_N

ClientSampled :

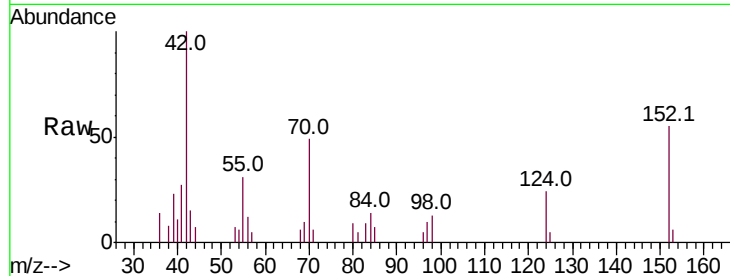
Tot Ion:153 Resp: 283

Ion Ratio Lower Upper

153 100

152 860.1 37.8 56.6#

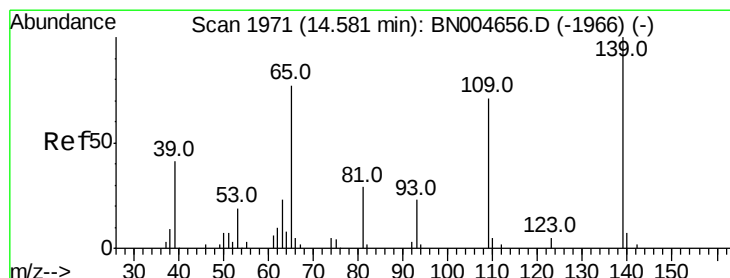
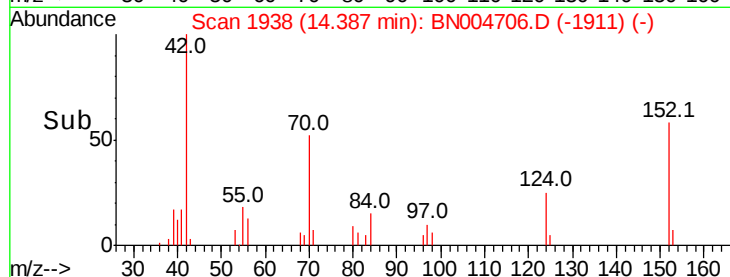
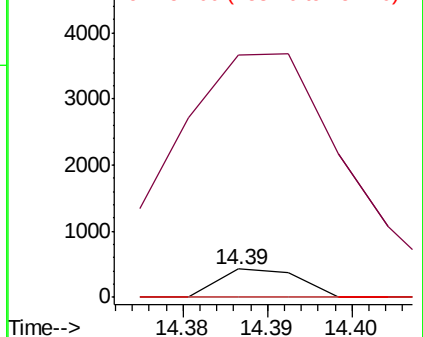
154 0.0 70.0 105.0#



Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E



#53

4-Nitrophenol

Concen: 844.975 ng/ul

RT: 14.65 min Scan# 1982

Delta R.T. 0.06 min

Lab File: BN004706.D

Acq: 09 Mar 2019 11:31

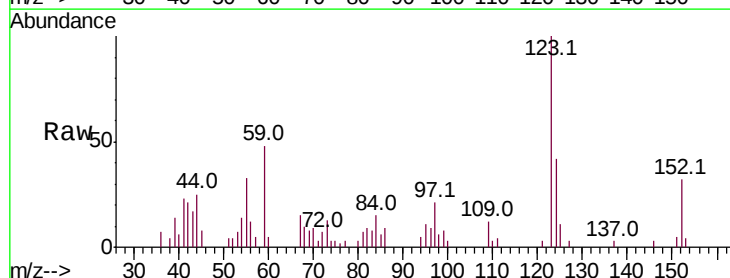
Tgt Ion:109 Resp: 2808

Ion Ratio Lower Upper

109 100

139 0.0 112.1 168.1#

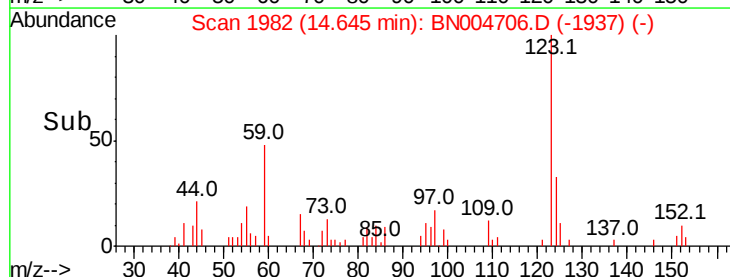
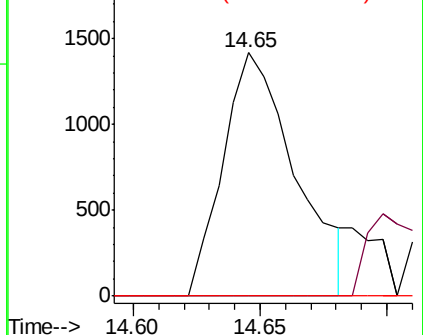
65 0.0 90.3 135.5#

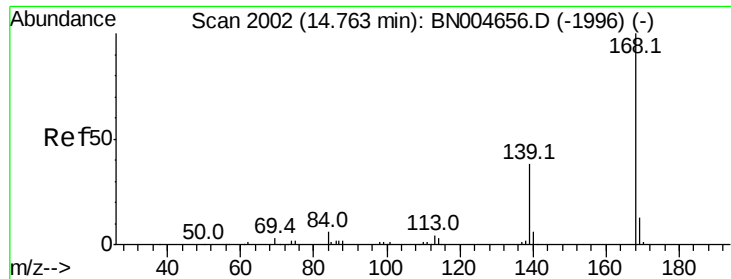


Abundance Ion 109.00 (108.70 to 109.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 65.00 (64.70 to 65.70): BNC





#54

Dibenzofuran

Concen: 9.241 ng/ul

RT: 14.70 min Scan# 1992

Delta R.T. -0.06 min

Lab File: BN004706.D

Acq: 09 Mar 2019 11:31

Instrument :

BNA_N

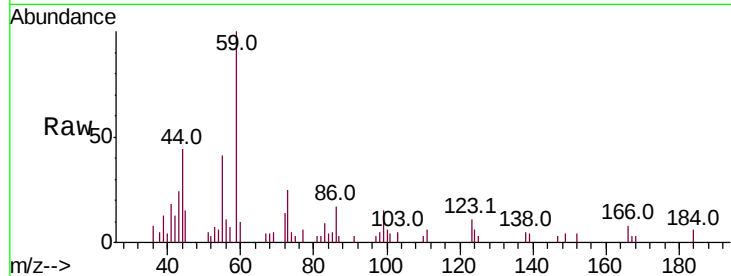
ClientSampled :

Tot Ion:168 Resp: 263

Ion Ratio Lower Upper

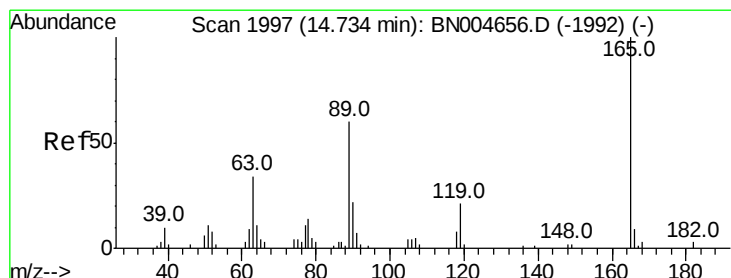
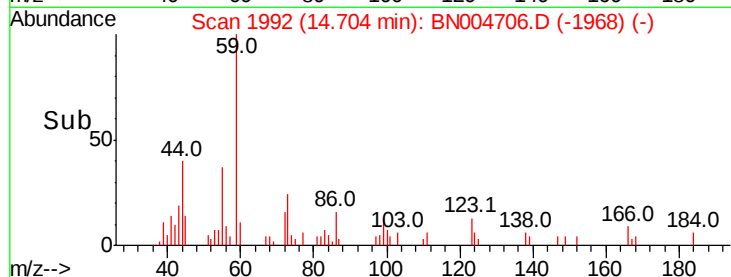
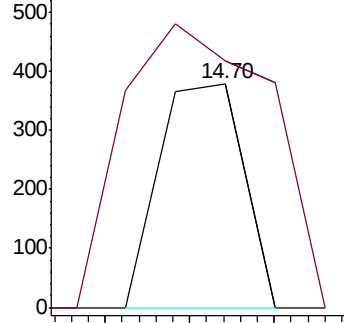
168 100

139 110.3 29.8 44.6#



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E



#55

2,4-Dinitrotoluene

Concen: 158.890 ng/ul

RT: 14.60 min Scan# 1974

Delta R.T. -0.14 min

Lab File: BN004706.D

Acq: 09 Mar 2019 11:31

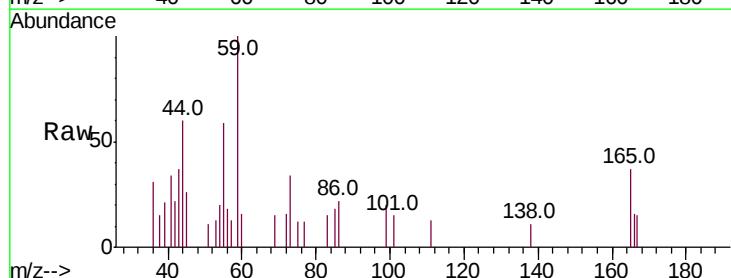
Tgt Ion:165 Resp: 1149

Ion Ratio Lower Upper

165 100

63 0.0 27.6 41.4#

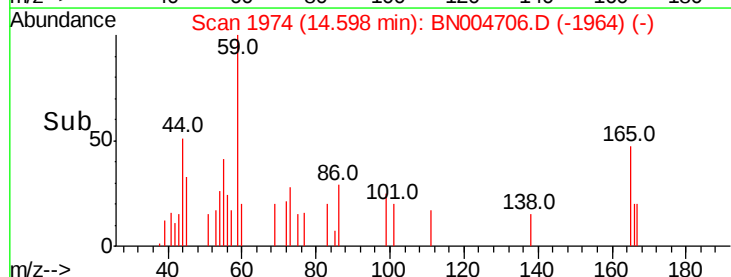
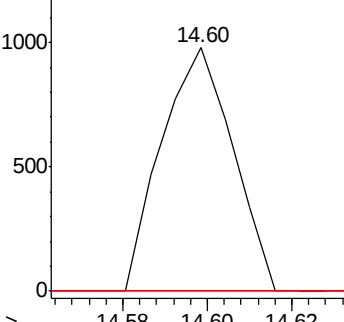
182 0.0 2.3 3.5#

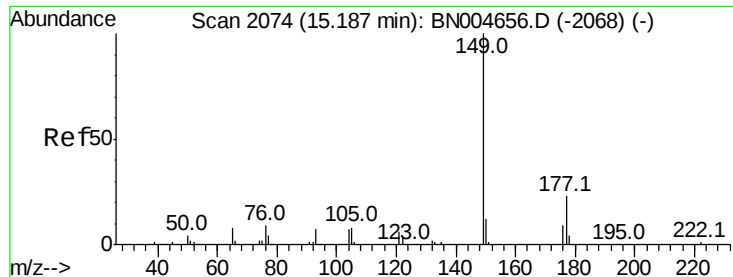


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BNO

Ion 182.00 (181.70 to 182.70): E

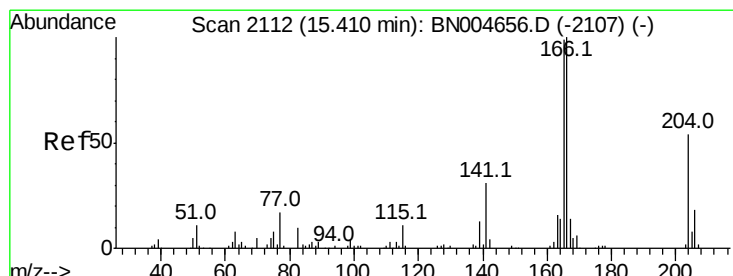
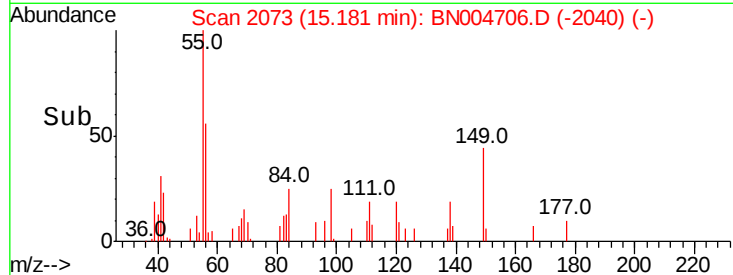
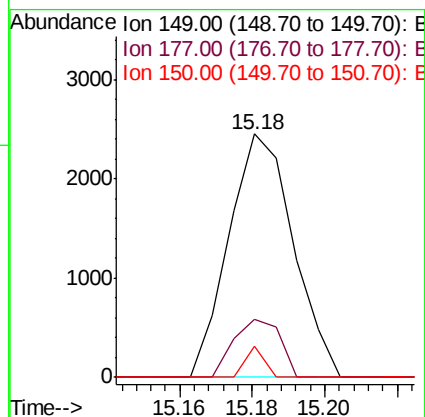
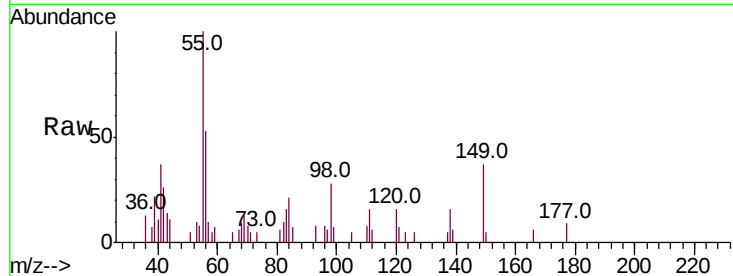




#57
Diethylphthalate
Concen: 124.401 ng/ul
RT: 15.18 min Scan# 2073
Delta R.T. -0.01 min
Lab File: BN004706.D
Acq: 09 Mar 2019 11:31

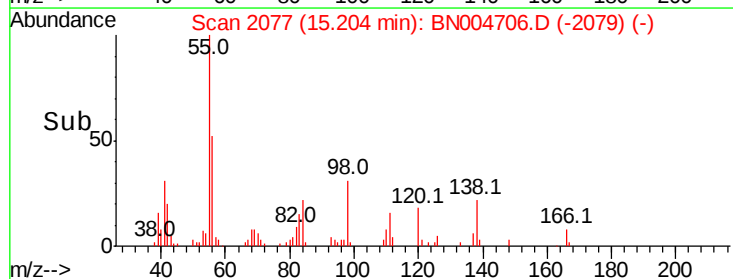
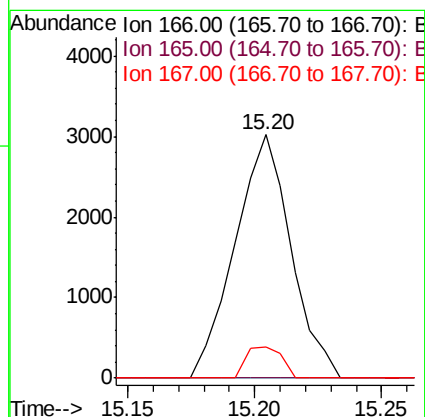
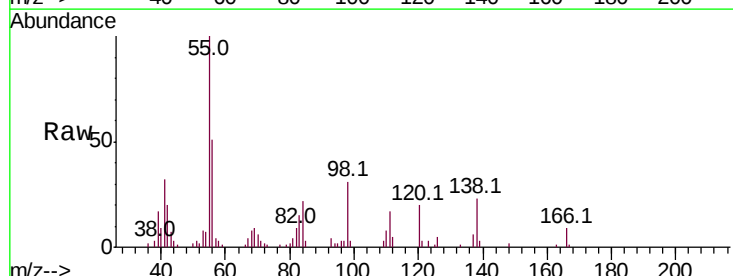
Instrument :
BNA_N
ClientSampleId :

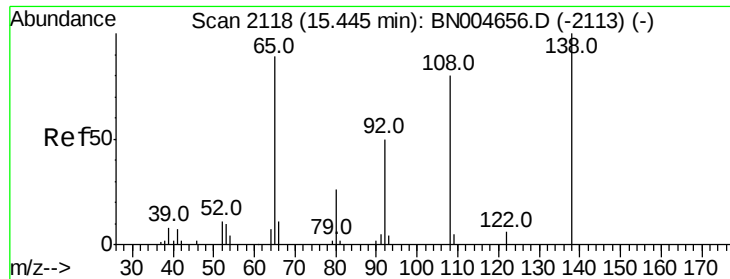
Tot Ion:149 Resp: 3048
Ion Ratio Lower Upper
149 100
177 23.9 18.0 27.0
150 12.9 10.2 15.2



#59
Fluorene
Concen: 203.972 ng/ul
RT: 15.20 min Scan# 2077
Delta R.T. -0.21 min
Lab File: BN004706.D
Acq: 09 Mar 2019 11:31

Tgt Ion:166 Resp: 4658
Ion Ratio Lower Upper
166 100
165 0.0 78.0 117.0#
167 13.0 10.8 16.2

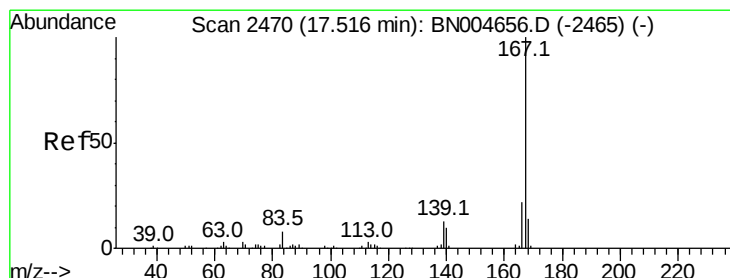
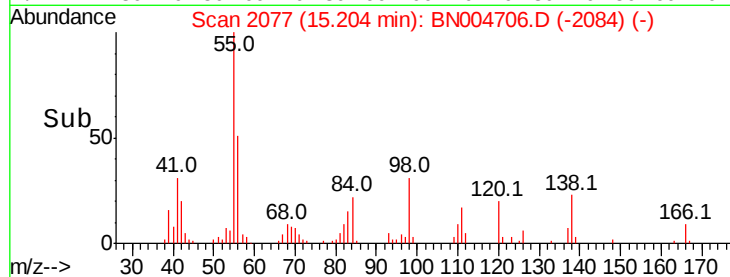
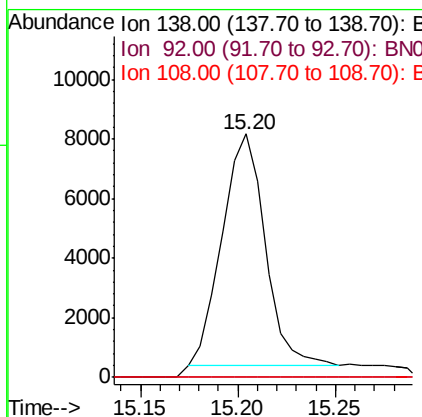
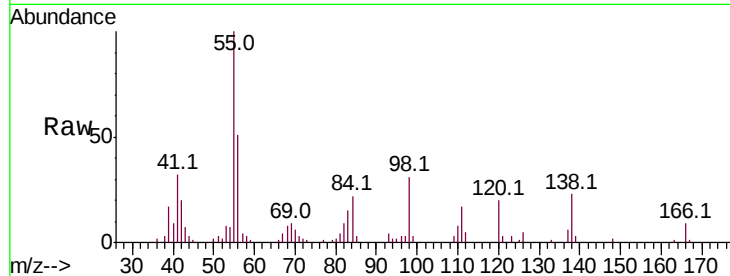




#61
 4-Nitroaniline
 Concen: 2142.181 ng/ul
 RT: 15.20 min Scan# 2077
 Delta R.T. -0.24 min
 Lab File: BN004706.D
 Acq: 09 Mar 2019 11:31

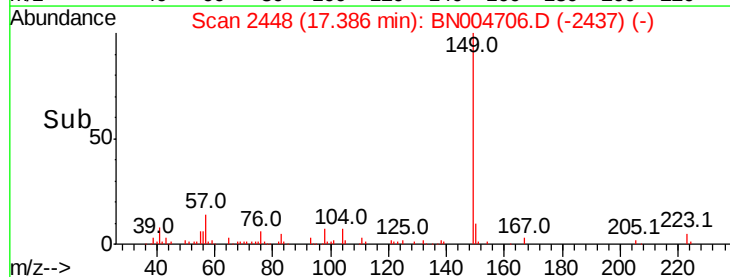
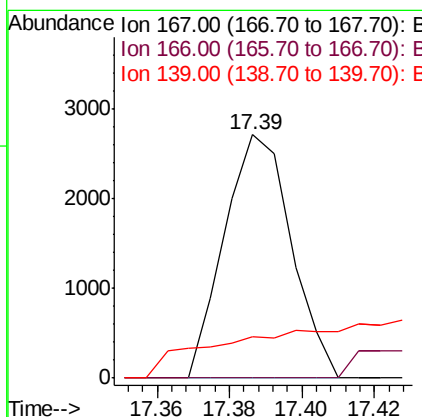
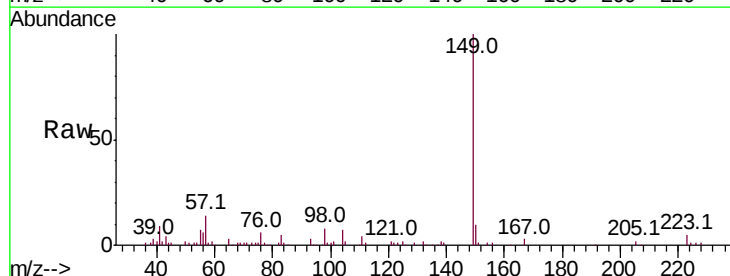
Instrument :
 BNA_N
 ClientSampled :

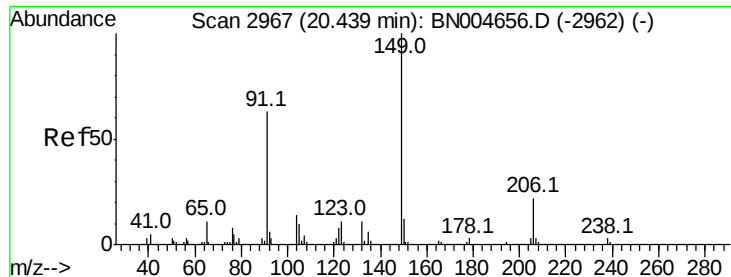
Tot Ion:138 Resp: 11936
 Ion Ratio Lower Upper
 138 100
 92 0.0 37.8 56.8#
 108 0.0 61.7 92.5#



#75
 Carbazole
 Concen: 1.669 ng/ul
 RT: 17.39 min Scan# 2448
 Delta R.T. -0.14 min
 Lab File: BN004706.D
 Acq: 09 Mar 2019 11:31

Tgt Ion:167 Resp: 3477
 Ion Ratio Lower Upper
 167 100
 166 0.0 17.5 26.3#
 139 16.9 10.4 15.6#

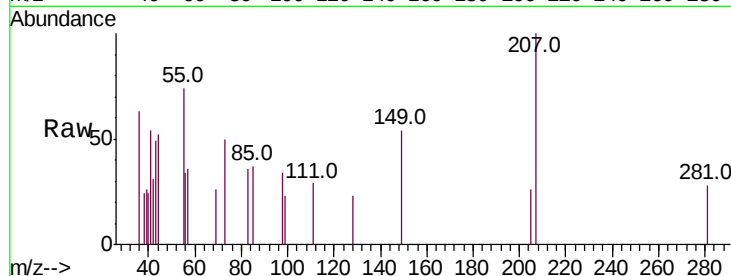




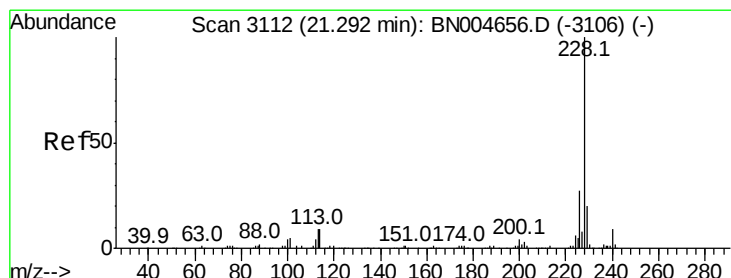
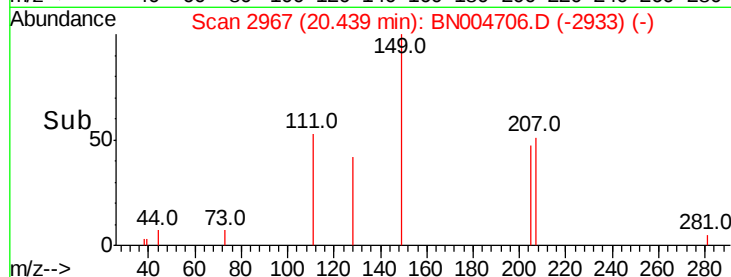
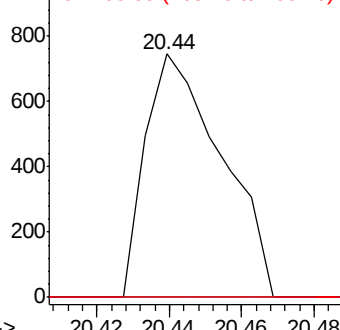
#81
Butylbenzylphthalate
Concen: 9.275 ng/ul
RT: 20.44 min Scan# 2967
Delta R.T. -0.00 min
Lab File: BN004706.D
Acq: 09 Mar 2019 11:31

Instrument :
BNA_N
ClientSampled :

Tot Ion:149 Resp: 1089
Ion Ratio Lower Upper
149 100
91 0.0 49.8 74.6#
206 0.0 18.2 27.2#

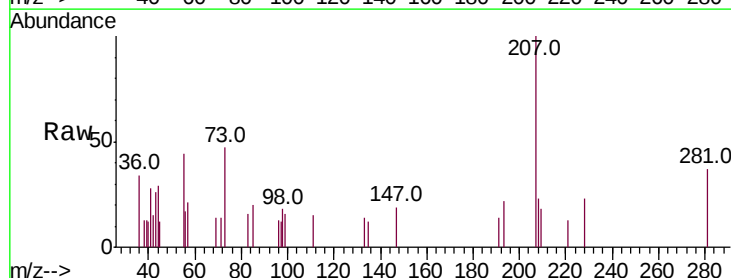


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BNC
Ion 206.00 (205.70 to 206.70): E

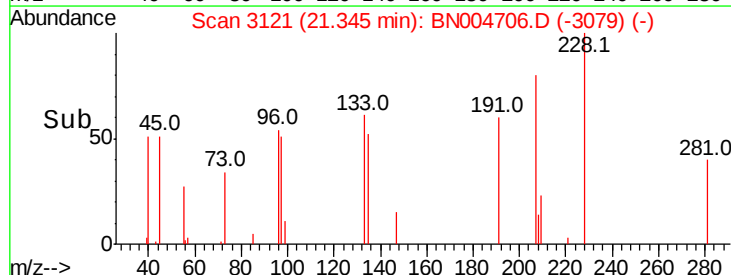
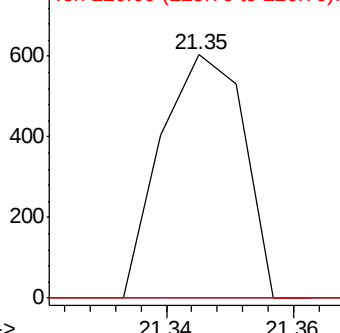


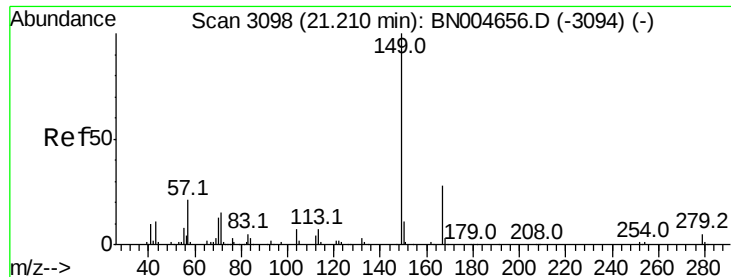
#83
Benzo(a)anthracene
Concen: 1.833 ng/ul
RT: 21.35 min Scan# 3121
Delta R.T. 0.05 min
Lab File: BN004706.D
Acq: 09 Mar 2019 11:31

Tgt Ion:228 Resp: 544
Ion Ratio Lower Upper
228 100
229 0.0 15.4 23.2#
226 0.0 21.4 32.2#



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 229.00 (228.70 to 229.70): E
Ion 226.00 (225.70 to 226.70): E





#84

Bis(2-ethylhexyl)phthalate

Concen: 13.644 ng/ul

RT: 21.22 min Scan# 3099

Delta R.T. -0.00 min

Lab File: BN004706.D

Acq: 09 Mar 2019 11:31

Instrument :

BNA_N

ClientSampleId :

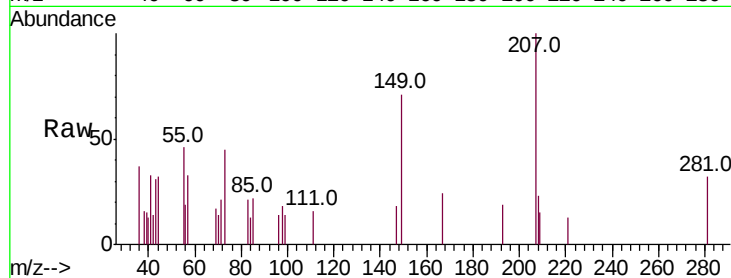
Tot Ion:149 Resp: 2328

Ion Ratio Lower Upper

149 100

167 33.5 22.7 34.1

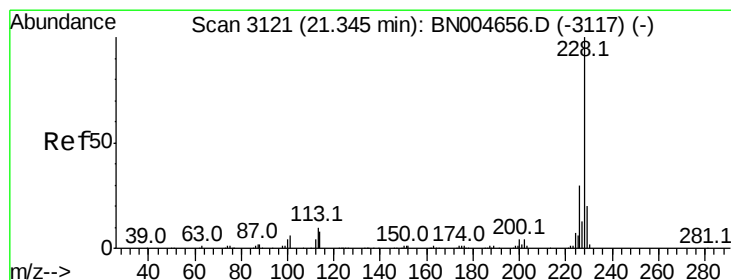
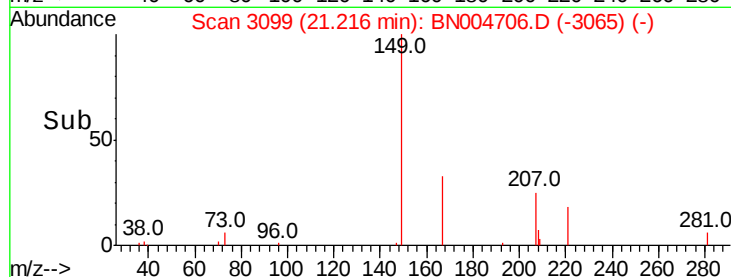
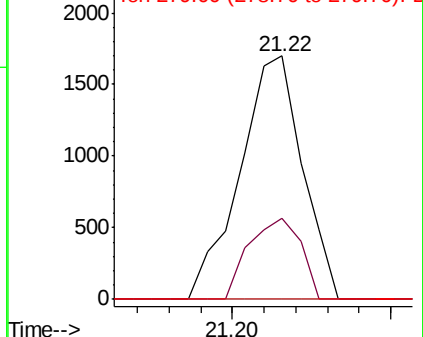
279 0.0 4.3 6.5#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#85

Chrysene

Concen: 1.974 ng/ul

RT: 21.35 min Scan# 3121

Delta R.T. -0.01 min

Lab File: BN004706.D

Acq: 09 Mar 2019 11:31

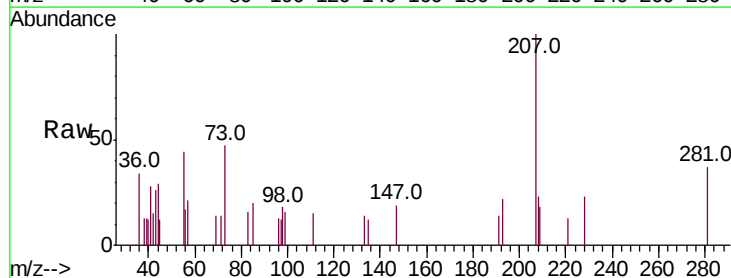
Tgt Ion:228 Resp: 544

Ion Ratio Lower Upper

228 100

226 0.0 24.0 36.0#

229 0.0 15.7 23.5#



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

