

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

Instrument :
 BNA_N
 ClientSampleId :
 C0959RX

Quant Time: Mar 13 03:23:45 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN030719MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Mar 13 03:05:10 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	17.11	188	50615	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

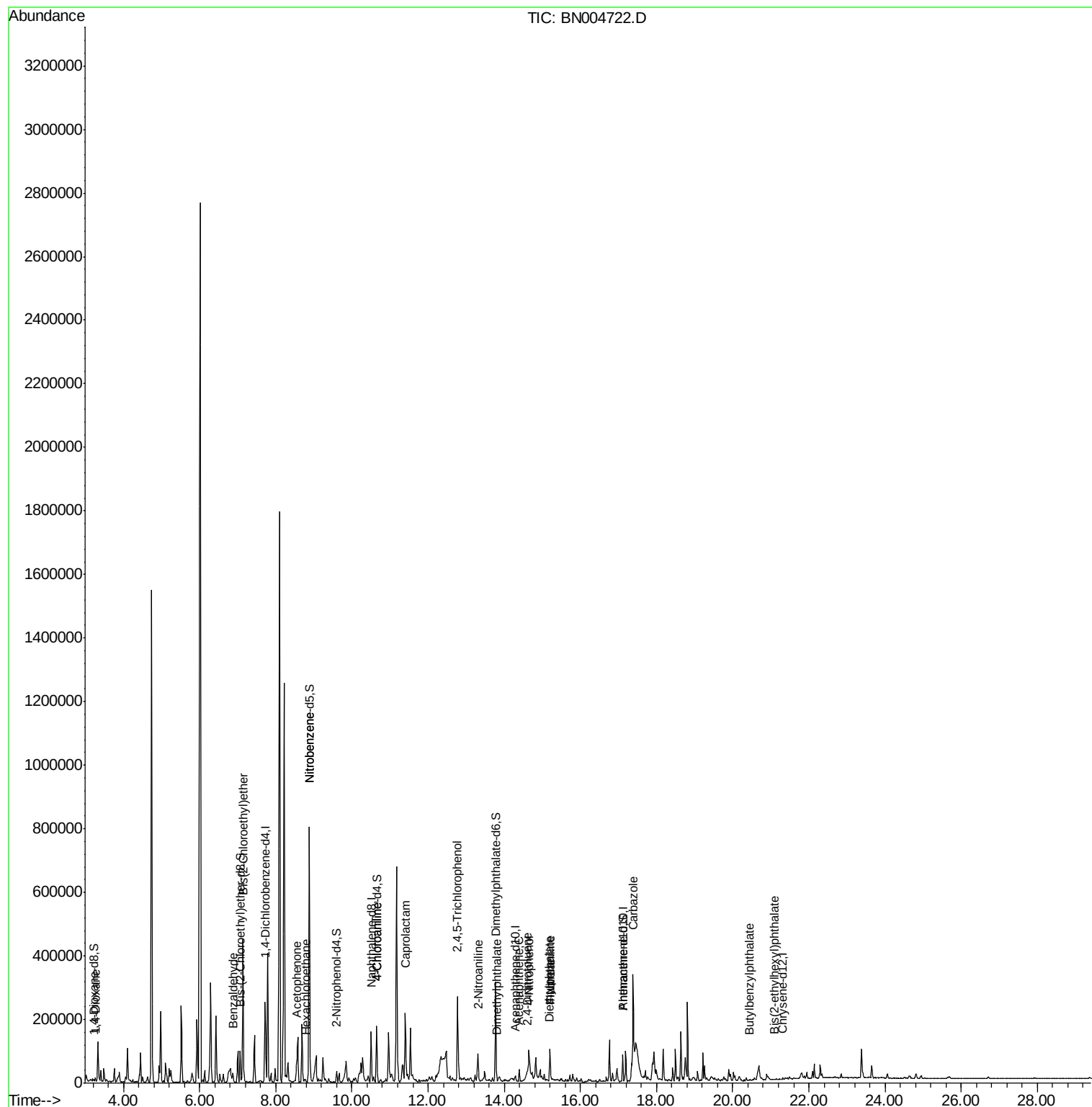
					Qvalue	
2) 1,4-Dioxane	3.26	88	5925	7.579	ng/uL	95
4) Benzaldehyde	6.88	77	8470	4.424	ng/ul	93
8) Bis(2-Chloroethyl)ether	7.14	93	166231	75.049	ng/ul#	49
14) Acetophenone	8.55	105	29657	7.691	ng/ul	99
17) Hexachloroethane	8.79	117	1313	1.354	ng/ul	96
20) Nitrobenzene	8.88	77	5380	2.586	ng/ul#	1
30) 4-Chloroaniline	10.65	127	37347	13.963	ng/ul#	43
32) Caprolactam	11.40	113	9868	13.493	ng/ul#	36
40) 2,4,5-Trichlorophenol	12.78	196	223	14.321	ng/ul#	1
43) 2-Nitroaniline	13.30	65	387	39.379	ng/ul#	1
45) Dimethylphthalate	13.82	163	334	6.269	ng/ul#	77
50) Acenaphthene	14.39	153	594	13.605	ng/ul#	1
53) 4-Nitrophenol	14.65	109	2873	392.345	ng/ul#	1
55) 2,4-Dinitrotoluene	14.60	165	1623	101.855	ng/ul#	44
57) Diethylphthalate	15.18	149	3784	70.088	ng/ul	96
59) Fluorene	15.20	166	2335	46.403	ng/ul#	9
61) 4-Nitroaniline	15.20	138	7050	574.211	ng/ul#	18
75) Carbazole	17.39	167	5762	2.307	ng/ul#	81
81) Butylbenzylphthalate	20.44	149	834	10.500	ng/ul#	28
84) Bis(2-ethylhexyl)phthalate	21.09	149	743	6.437	ng/ul#	52

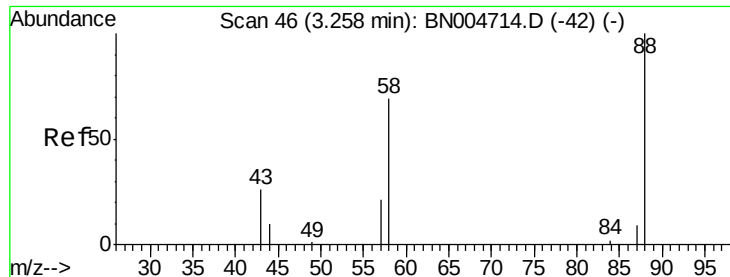
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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

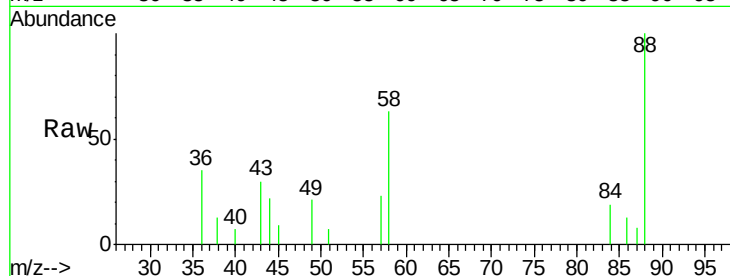
Tgt Ion: 88 Resp: 5925

Ion Ratio Lower Upper

88 100

43 30.2 25.6 38.4

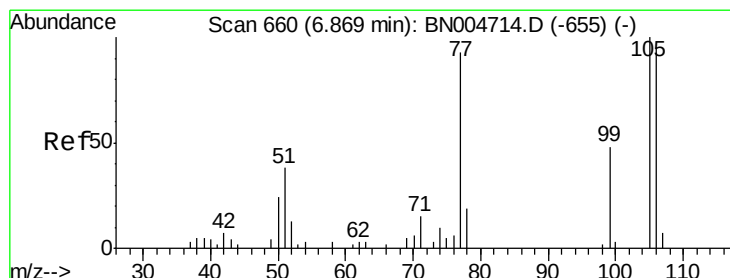
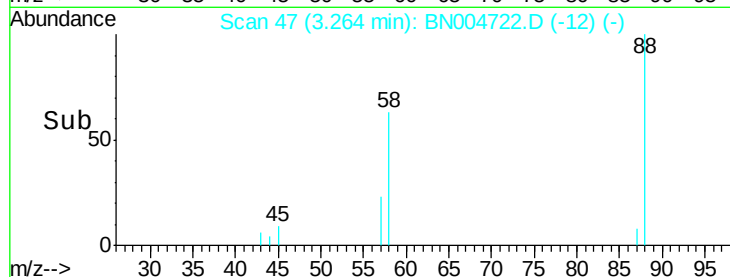
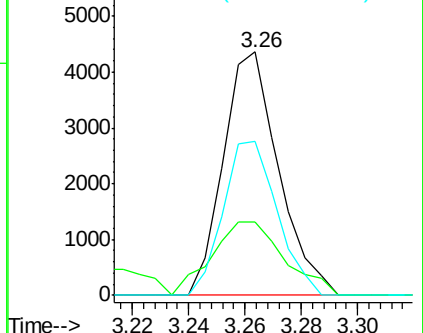
58 63.2 54.6 82.0



Abundance Ion 88.00 (87.70 to 88.70): BN004714.D (-42) (-)

Ion 43.00 (42.70 to 43.70): BN004714.D (-42) (-)

Ion 58.00 (57.70 to 58.70): BN004714.D (-42) (-)



#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

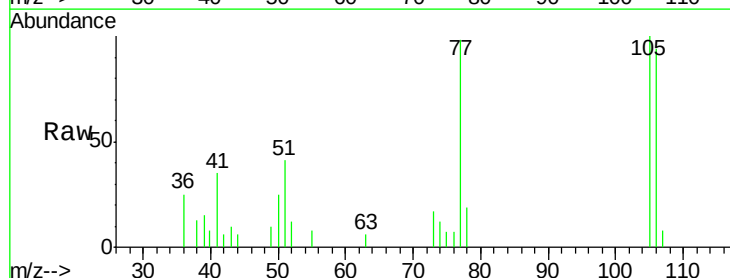
Tgt Ion: 77 Resp: 8470

Ion Ratio Lower Upper

77 100

105 102.5 85.4 128.0

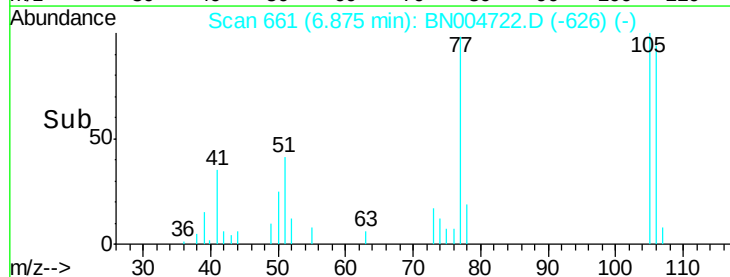
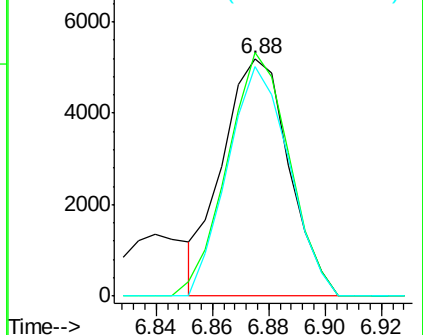
106 96.5 84.8 127.2

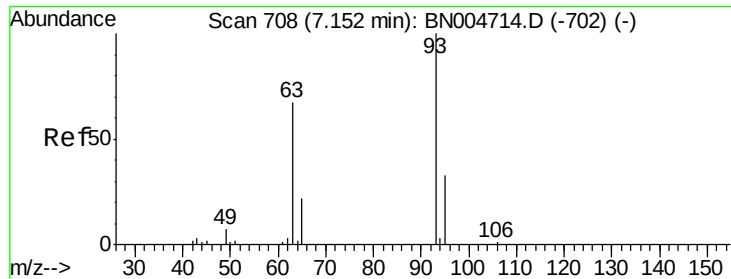


Abundance Ion 77.00 (76.70 to 77.70): BN004714.D (-655) (-)

Ion 105.00 (104.70 to 105.70): BN004714.D (-655) (-)

Ion 106.00 (105.70 to 106.70): BN004714.D (-655) (-)





#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

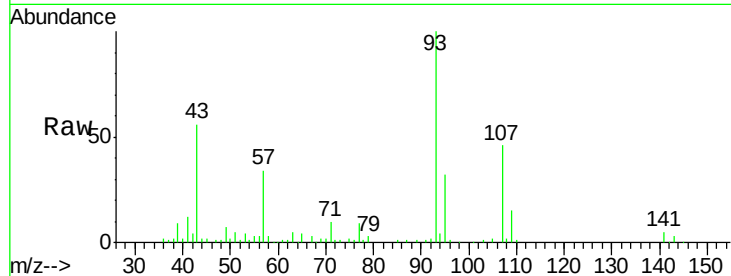
Tgt Ion: 93 Resp: 166231

Ion Ratio Lower Upper

93 100

63 5.4 52.8 79.2#

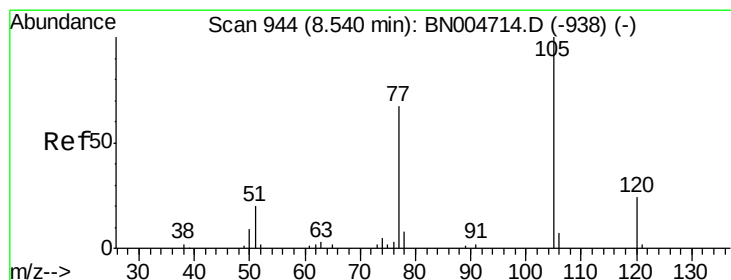
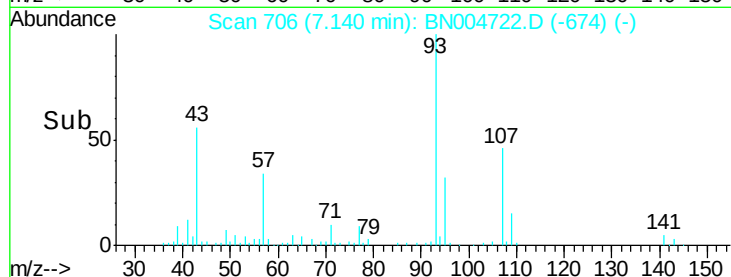
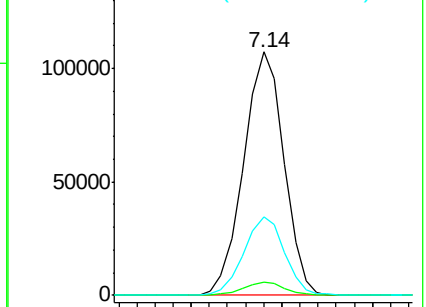
95 32.4 25.9 38.9



Abundance Ion 93.00 (92.70 to 93.70): BN004714.D (-702) (-)

Ion 63.00 (62.70 to 63.70): BN004714.D (-702) (-)

Ion 95.00 (94.70 to 95.70): BN004714.D (-702) (-)



#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

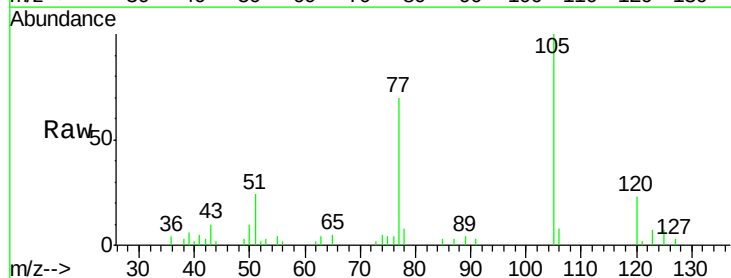
Tgt Ion: 105 Resp: 29657

Ion Ratio Lower Upper

105 100

77 70.2 56.1 84.1

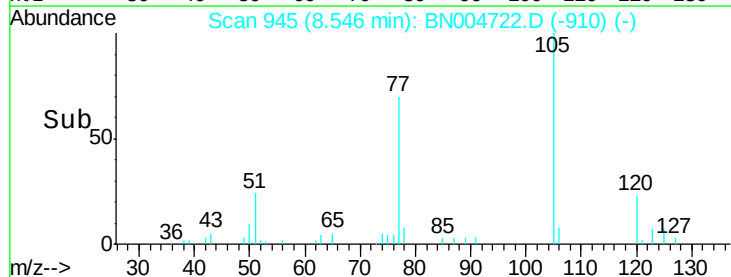
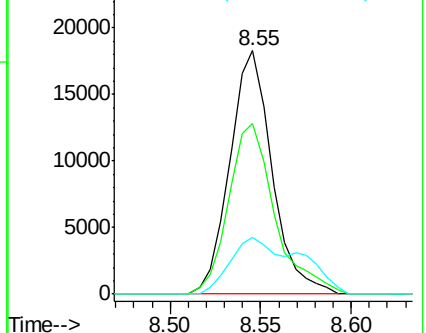
51 23.5 17.2 25.8

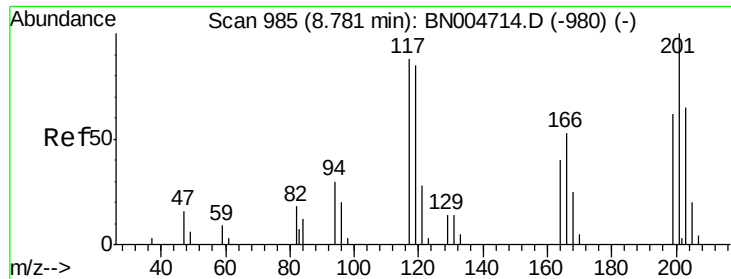


Abundance Ion 105.00 (104.70 to 105.70): BN004714.D (-938) (-)

Ion 77.00 (76.70 to 77.70): BN004714.D (-938) (-)

Ion 51.00 (50.70 to 51.70): BN004714.D (-938) (-)

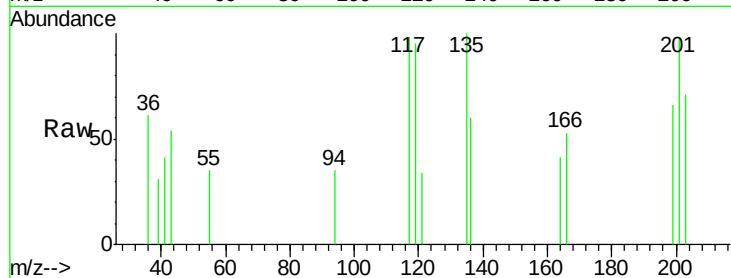




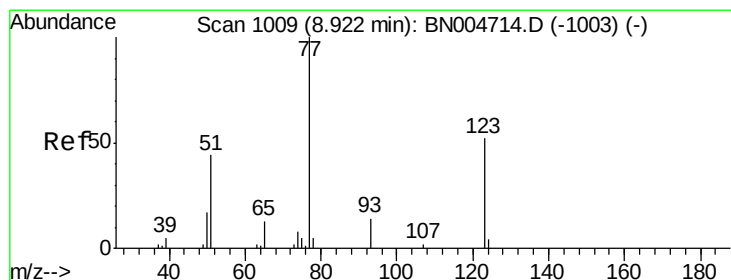
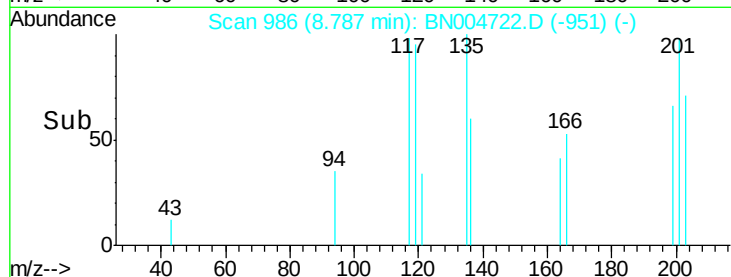
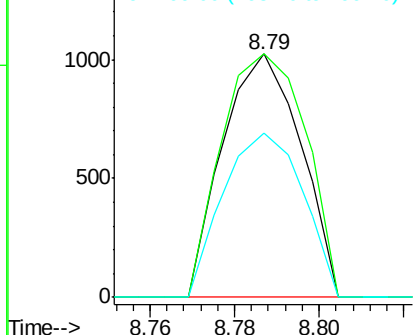
#17
Hexachloroethane
Concen: 1.354 ng/ul
RT: 8.79 min Scan# 986
Delta R.T. 0.01 min
Lab File: BN004722.D
Acq: 12 Mar 2019 15:17

Instrument :
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ClientSampleId :
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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

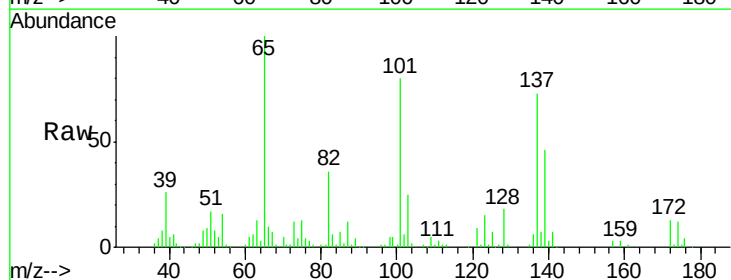


Abundance Ion 117.00 (116.70 to 117.70): E
Ion 201.00 (200.70 to 201.70): E
Ion 199.00 (198.70 to 199.70): E

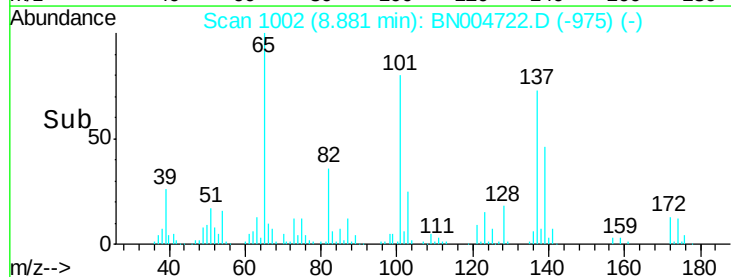
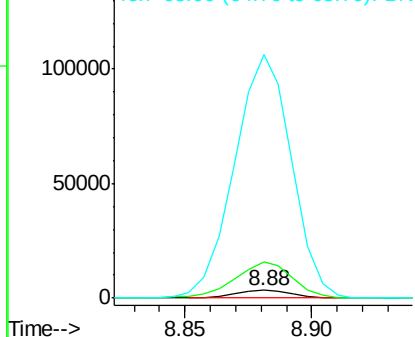


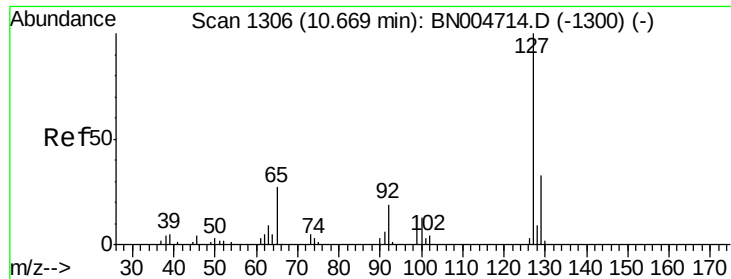
#20
Nitrobenzene
Concen: 2.586 ng/ul
RT: 8.88 min Scan# 1002
Delta R.T. -0.04 min
Lab File: BN004722.D
Acq: 12 Mar 2019 15:17

Tgt Ion: 77 Resp: 5380
Ion Ratio Lower Upper
77 100
123 474.6 41.6 62.4#
65 3182.3 10.2 15.4#



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

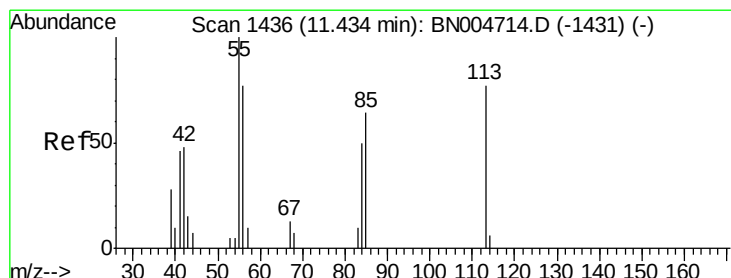
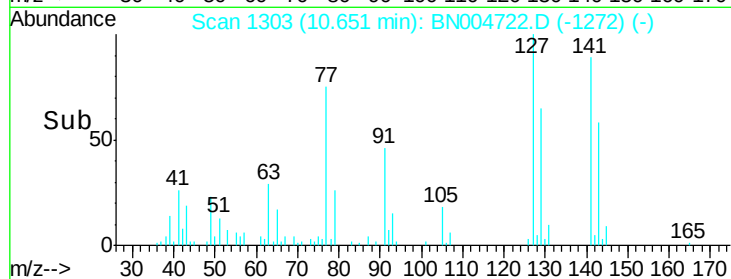
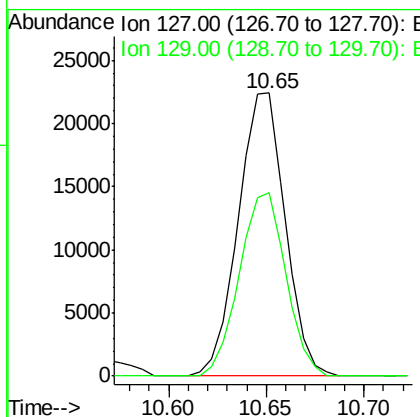
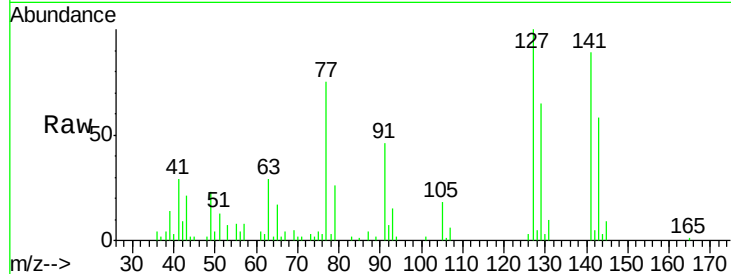




#30
4-Chloroaniline
Concen: 13.963 ng/ul
RT: 10.65 min Scan# 1303
Delta R.T. -0.02 min
Lab File: BN004722.D
Acq: 12 Mar 2019 15:17

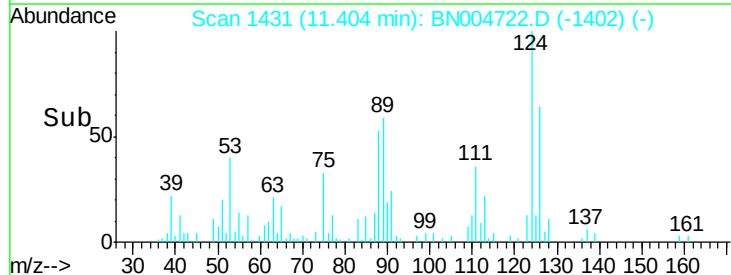
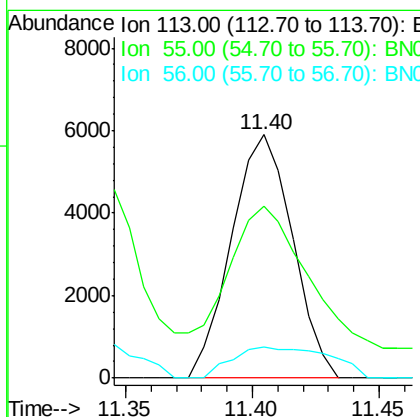
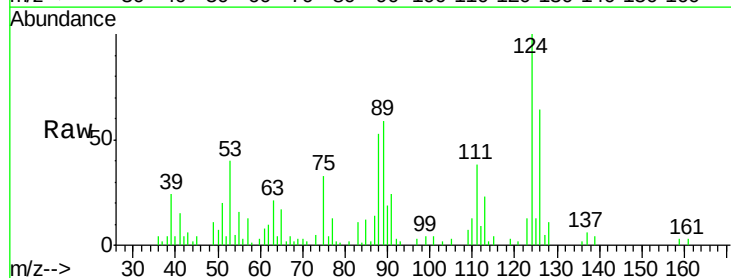
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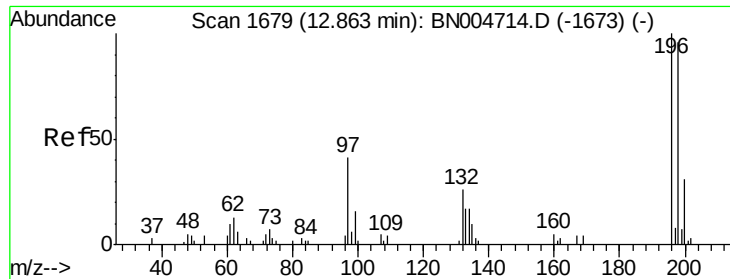
Tgt Ion:127 Resp: 37347
Ion Ratio Lower Upper
127 100
129 64.9 26.1 39.1#



#32
Caprolactam
Concen: 13.493 ng/ul
RT: 11.40 min Scan# 1431
Delta R.T. -0.03 min
Lab File: BN004722.D
Acq: 12 Mar 2019 15:17

Tgt Ion:113 Resp: 9868
Ion Ratio Lower Upper
113 100
55 70.7 100.7 151.1#
56 12.8 76.1 114.1#

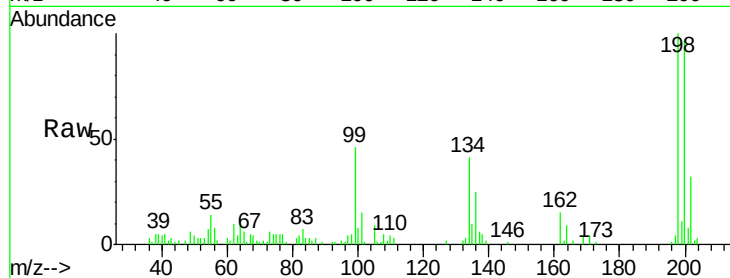




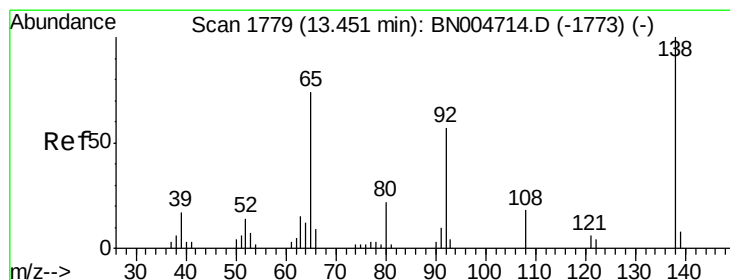
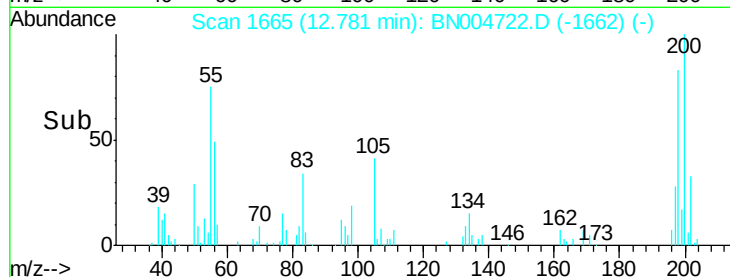
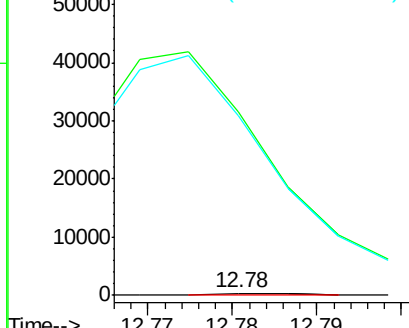
#40
 2,4,5-Trichlorophenol
 Concen: 14.321 ng/ul
 RT: 12.78 min Scan# 1665
 Delta R.T. -0.08 min
 Lab File: BN004722.D
 Acq: 12 Mar 2019 15:17

Instrument :
 BNA_N
 ClientSampleId :
 C0959RX

Tgt Ion:196 Resp: 223
 Ion Ratio Lower Upper
 196 100
 198 9834.3 79.9 119.9#
 200 9587.5 25.9 38.9#

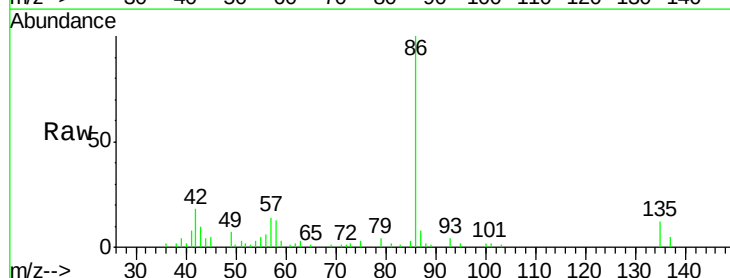


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

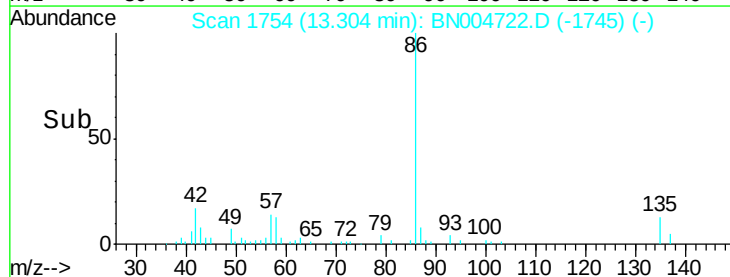
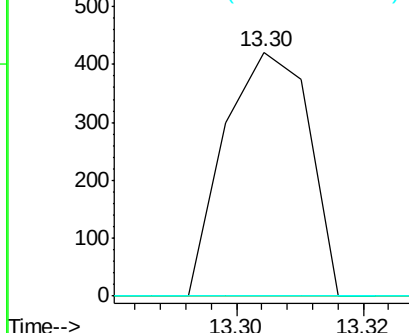


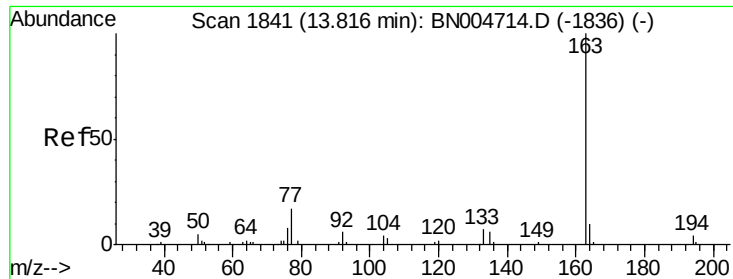
#43
 2-Nitroaniline
 Concen: 39.379 ng/ul
 RT: 13.30 min Scan# 1754
 Delta R.T. -0.15 min
 Lab File: BN004722.D
 Acq: 12 Mar 2019 15:17

Tgt Ion: 65 Resp: 387
 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): BNC
 Ion 92.00 (91.70 to 92.70): BNC
 Ion 138.00 (137.70 to 138.70): 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

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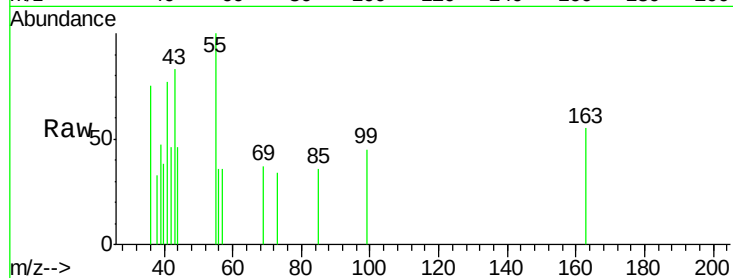
Tgt Ion:163 Resp: 334

Ion Ratio Lower Upper

163 100

194 0.0 3.4 5.2#

164 0.0 7.9 11.9#

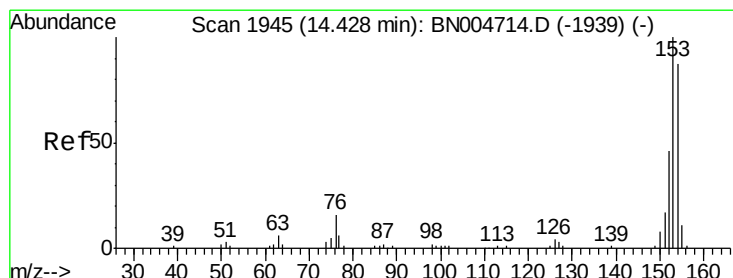
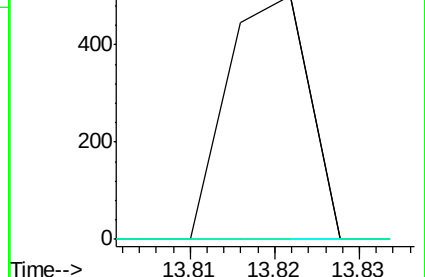
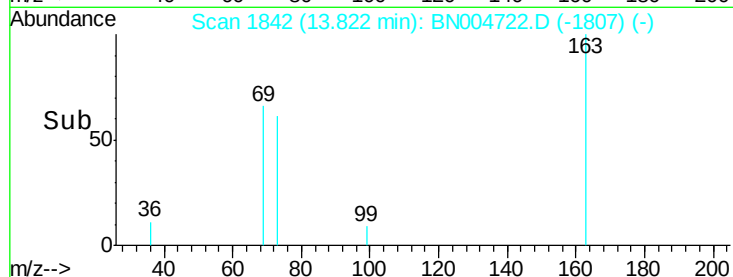


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

Time-->



#50

Acenaphthene

Concen: 13.605 ng/ul

RT: 14.39 min Scan# 1939

Delta R.T. -0.04 min

Lab File: BN004722.D

Acq: 12 Mar 2019 15:17

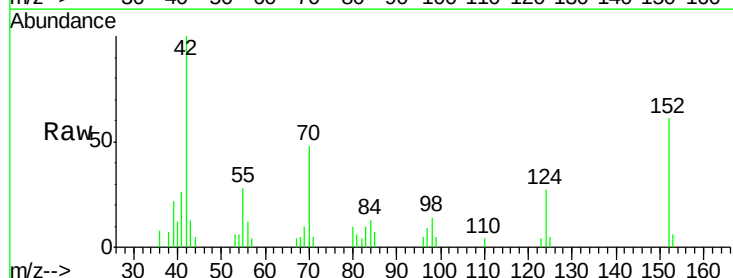
Tgt Ion:153 Resp: 594

Ion Ratio Lower Upper

153 100

152 1018.6 37.8 56.6#

154 0.0 70.0 105.0#

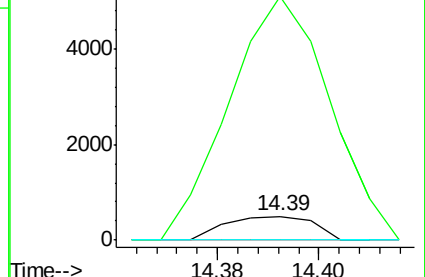
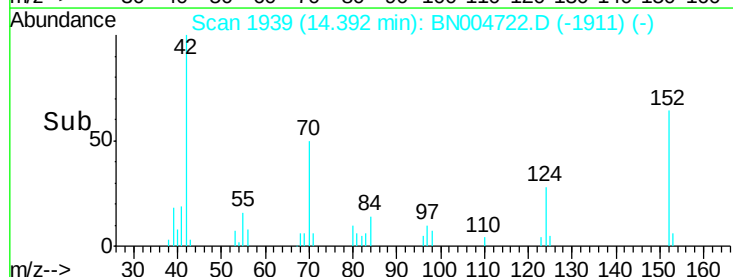


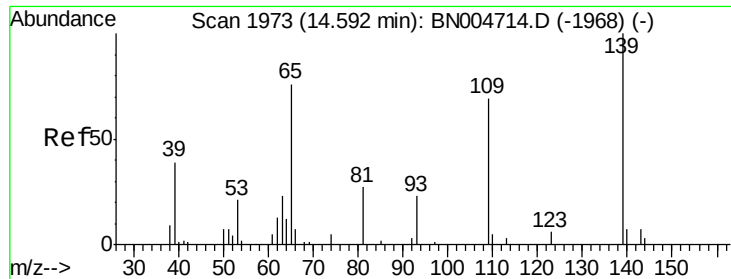
Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E

Time-->





#53

4-Nitrophenol

Concen: 392.345 ng/ul

RT: 14.65 min Scan# 1983

Delta R.T. 0.06 min

Lab File: BN004722.D

Acq: 12 Mar 2019 15:17

Instrument :

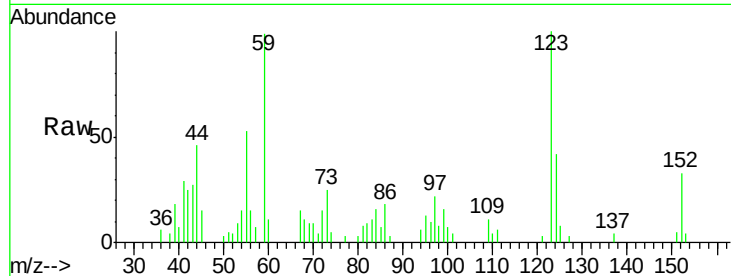
BNA_N

ClientSampleId :

C0959RX

Tgt Ion:109 Resp: 2873

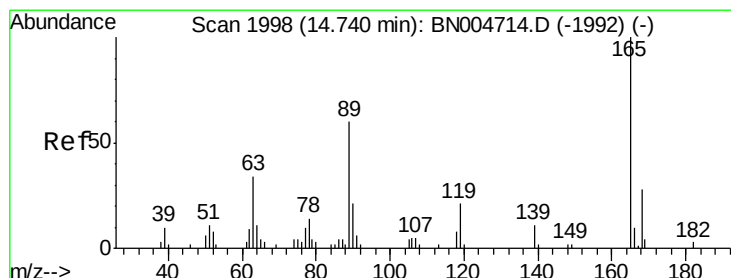
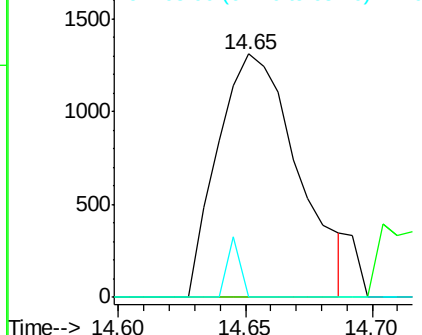
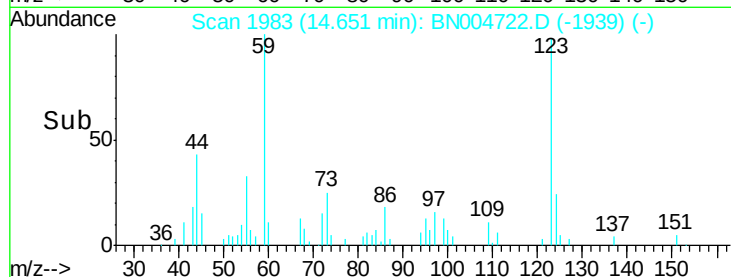
Ion	Ratio	Lower	Upper
109	100		
139	0.0	112.1	168.1#
65	0.0	90.3	135.5#



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



#55

2,4-Dinitrotoluene

Concen: 101.855 ng/ul

RT: 14.60 min Scan# 1974

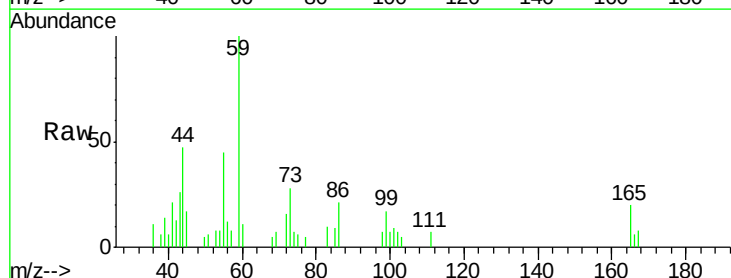
Delta R.T. -0.14 min

Lab File: BN004722.D

Acq: 12 Mar 2019 15:17

Tgt Ion:165 Resp: 1623

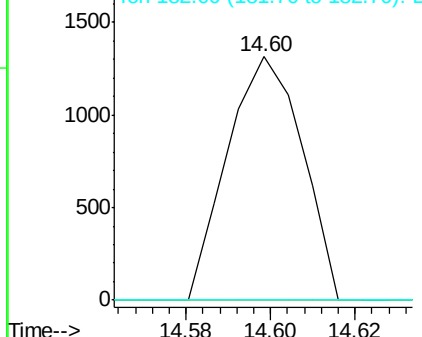
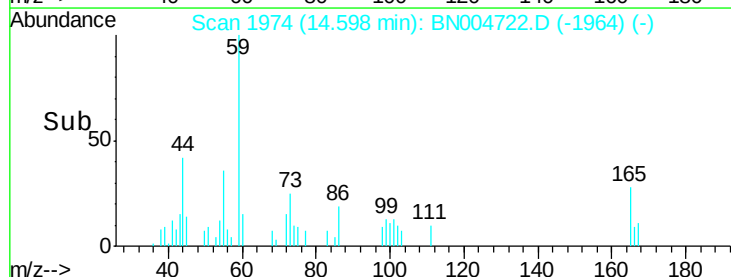
Ion	Ratio	Lower	Upper
165	100		
63	0.0	27.6	41.4#
182	0.0	2.3	3.5#

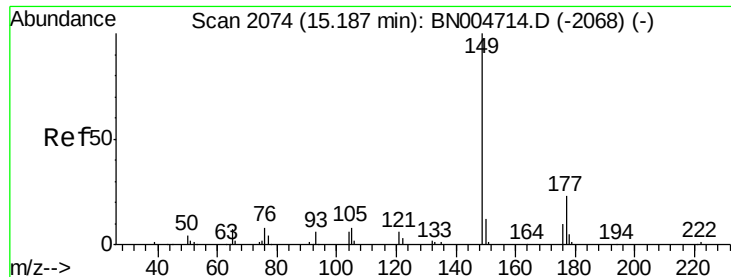


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BNC

Ion 182.00 (181.70 to 182.70): E





#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

Instrument :

BNA_N

ClientSampleId :

C0959RX

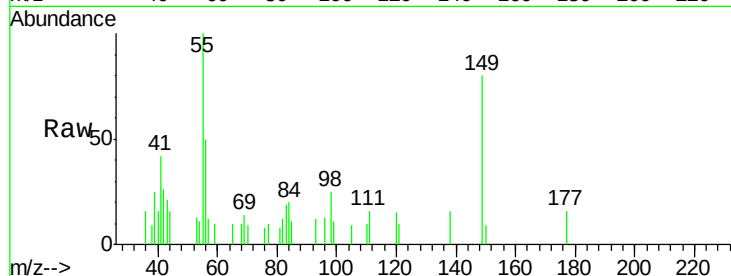
Tgt Ion:149 Resp: 3784

Ion Ratio Lower Upper

149 100

177 20.2 18.0 27.0

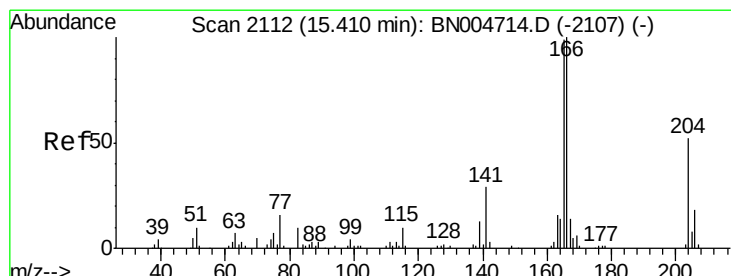
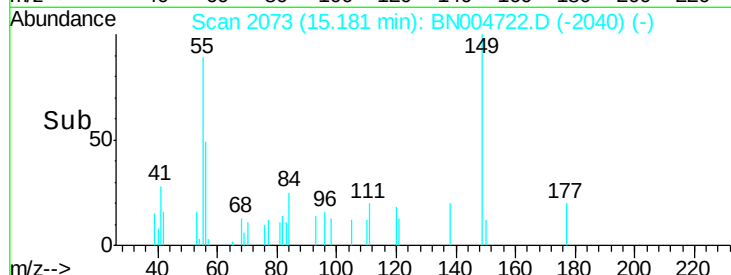
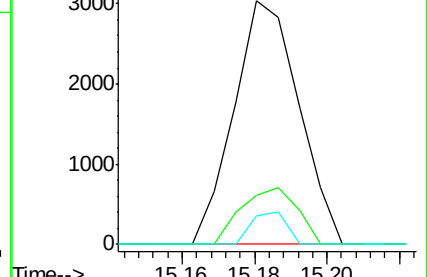
150 11.6 10.2 15.2



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



#59

Fluorene

Concen: 46.403 ng/ul

RT: 15.20 min Scan# 2077

Delta R.T. -0.21 min

Lab File: BN004722.D

Acq: 12 Mar 2019 15:17

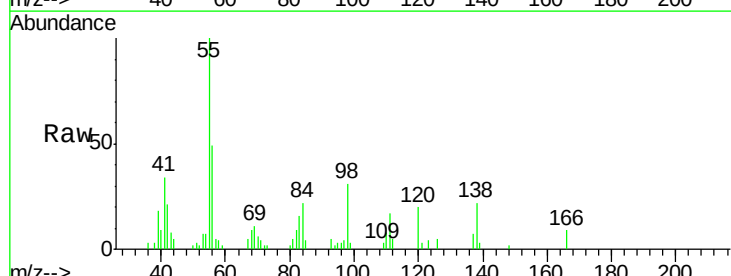
Tgt Ion:166 Resp: 2335

Ion Ratio Lower Upper

166 100

165 0.0 78.0 117.0#

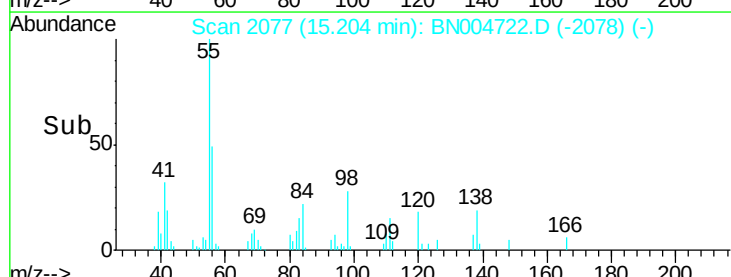
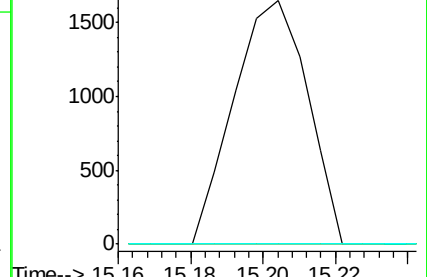
167 0.0 10.8 16.2#

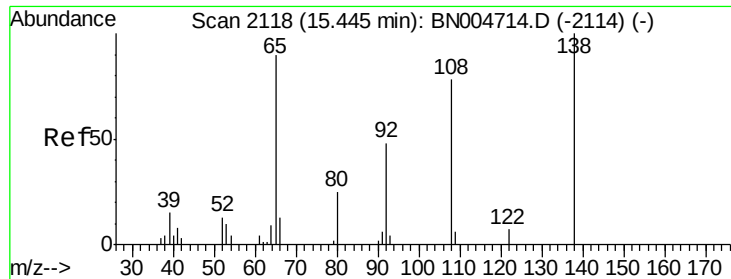


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

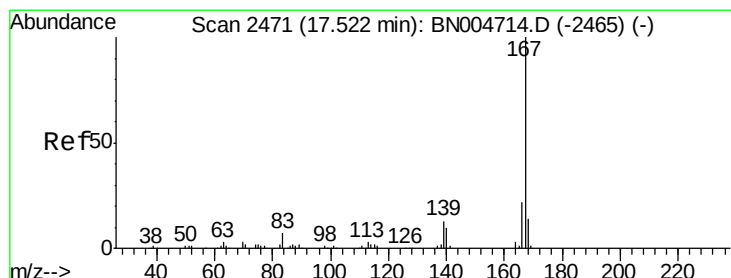
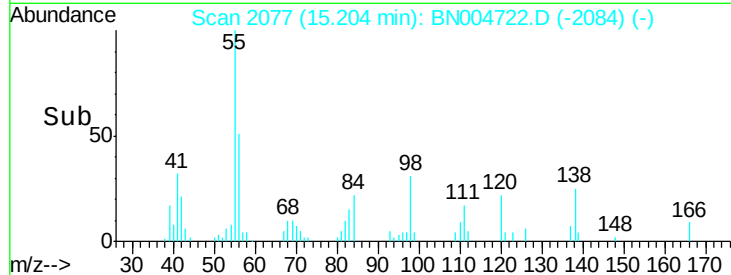
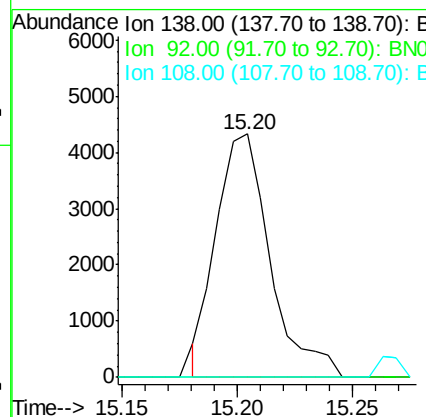
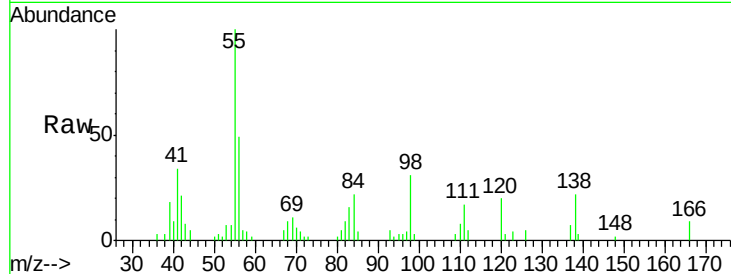




#61
 4-Nitroaniline
 Concen: 574.211 ng/ul
 RT: 15.20 min Scan# 2077
 Delta R.T. -0.24 min
 Lab File: BN004722.D
 Acq: 12 Mar 2019 15:17

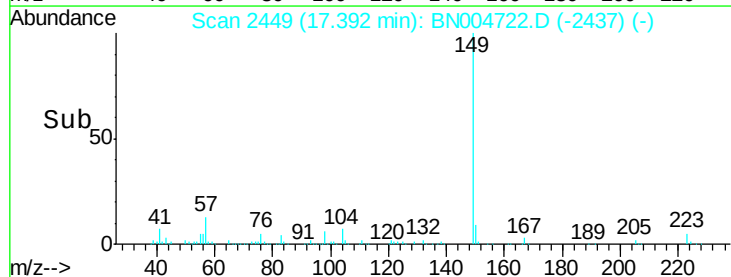
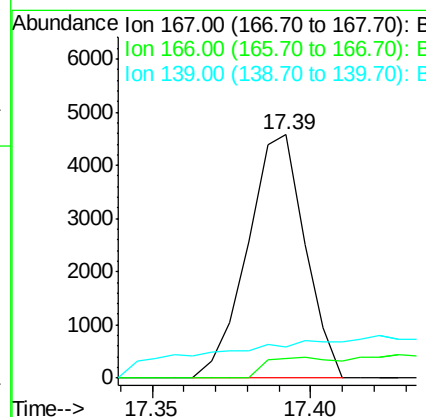
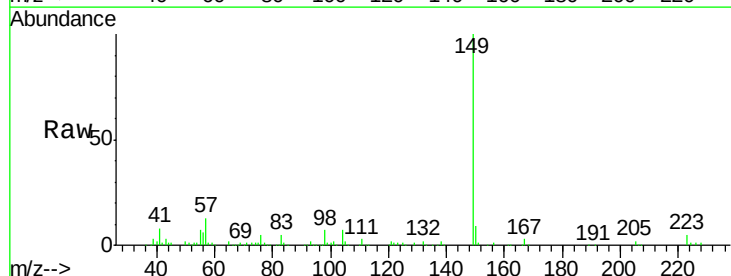
Instrument :
 BNA_N
 ClientSampleId :
 C0959RX

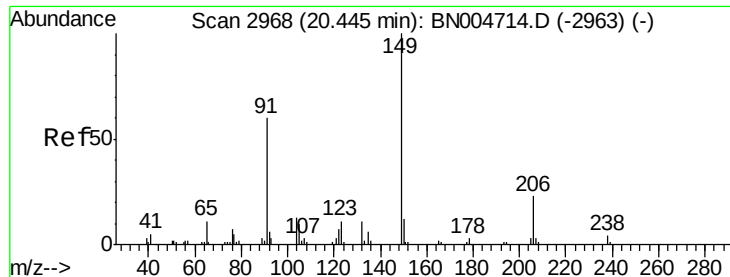
Tgt Ion:138 Resp: 7050
 Ion Ratio Lower Upper
 138 100
 92 0.0 37.8 56.8#
 108 0.0 61.7 92.5#



#75
 Carbazole
 Concen: 2.307 ng/ul
 RT: 17.39 min Scan# 2449
 Delta R.T. -0.13 min
 Lab File: BN004722.D
 Acq: 12 Mar 2019 15:17

Tgt Ion:167 Resp: 5762
 Ion Ratio Lower Upper
 167 100
 166 8.0 17.5 26.3#
 139 12.7 10.4 15.6





#81

Butylbenzylphthalate

Concen: 10.500 ng/ul

RT: 20.44 min Scan# 2967

Delta R.T. -0.01 min

Lab File: BN004722.D

Acq: 12 Mar 2019 15:17

Instrument :

BNA_N

ClientSampleId :

C0959RX

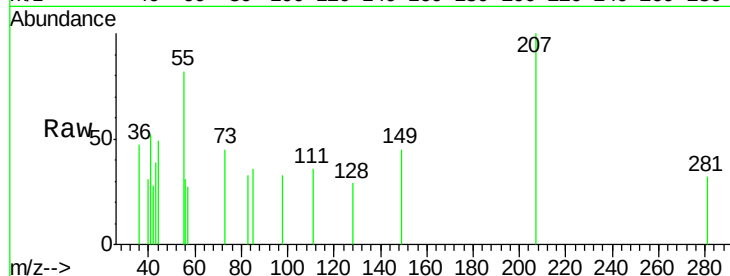
Tgt Ion:149 Resp: 834

Ion Ratio Lower Upper

149 100

91 0.0 49.8 74.6#

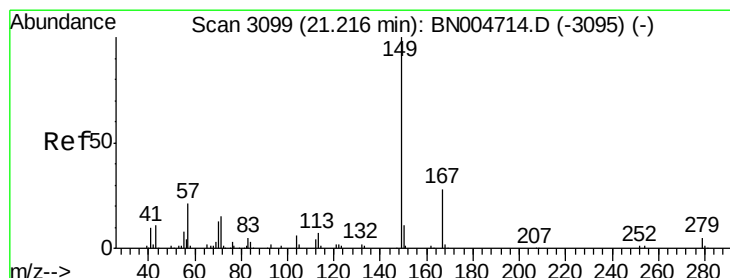
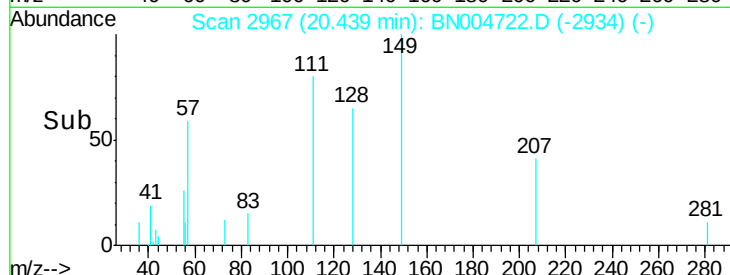
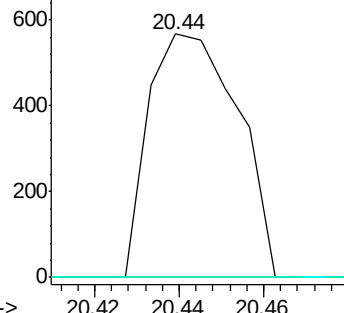
206 0.0 18.2 27.2#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BNO

Ion 206.00 (205.70 to 206.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 6.437 ng/ul

RT: 21.09 min Scan# 3077

Delta R.T. -0.13 min

Lab File: BN004722.D

Acq: 12 Mar 2019 15:17

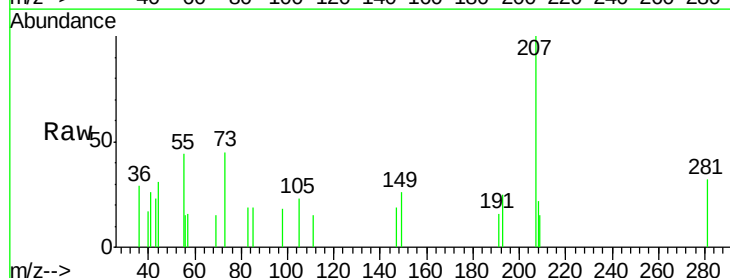
Tgt Ion:149 Resp: 743

Ion Ratio Lower Upper

149 100

167 0.0 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

