

Data Path : Z:\HPCHEM1\BNA G\DATA\BG071917\
 Data File : BG027961.D
 Acq On : 19 Jul 2017 10:28
 Operator : SJ/JU
 Sample : I4212-01DL 10X
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BC2Y8DL

Quant Time: Jul 20 01:19:32 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG071717.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jul 20 01:15:33 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.39	152	64975	20.00	ng/ul	0.02
18) Naphthalene-d8	11.21	136	239309	20.00	ng/ul	0.02
35) Acenaphthene-d10	14.98	164	145354	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.72	188	355536	20.00	ng/ul	0.00
75) Chrysene-d12	22.05	240	459173	20.00	ng/ul	0.00
83) Perylene-d12	25.57	264	424676	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.88	96	79	0.07	ng/uL	0.01
5) Phenol-d5	7.54	99	21455	4.02	ng/ul	0.02
7) Bis-(2-Chloroethyl)ether-d	7.71	67	261603	84.98	ng/ul	0.03
9) 2-Chlorophenol-d4	7.92	132	9766	2.33	ng/ul	0.02
13) 4-Methylphenol-d8	9.08	113	6259	1.42	ng/ul	0.02
19) Nitrobenzene-d5	9.57	128	30199	17.15	ng/ul	0.03
22) 2-Nitrophenol-d4	10.29	143	5226	2.47	ng/ul	0.02
26) 2,4-Dichlorophenol-d3	10.82	165	10558	2.55	ng/ul	0.02
29) 4-Chloroaniline-d4	11.31	131	126733	33.82	ng/ul	-0.01
43) Dimethylphthalate-d6	14.37	166	32469	2.58	ng/ul	0.00
46) Acenaphthylene-d8	14.67	160	37208	2.60	ng/ul	0.00
51) 4-Nitrophenol-d4	15.16	143	106	0.06	ng/ul	0.00
57) Fluorene-d10	15.96	176	30446	2.56	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.08	200	3788	1.53	ng/ul	0.00
70) Anthracene-d10	17.82	188	48592	2.83	ng/ul	0.00
76) Pyrene-d10	20.09	212	54305	2.63	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.33	264	47378	2.39	ng/ul	0.00

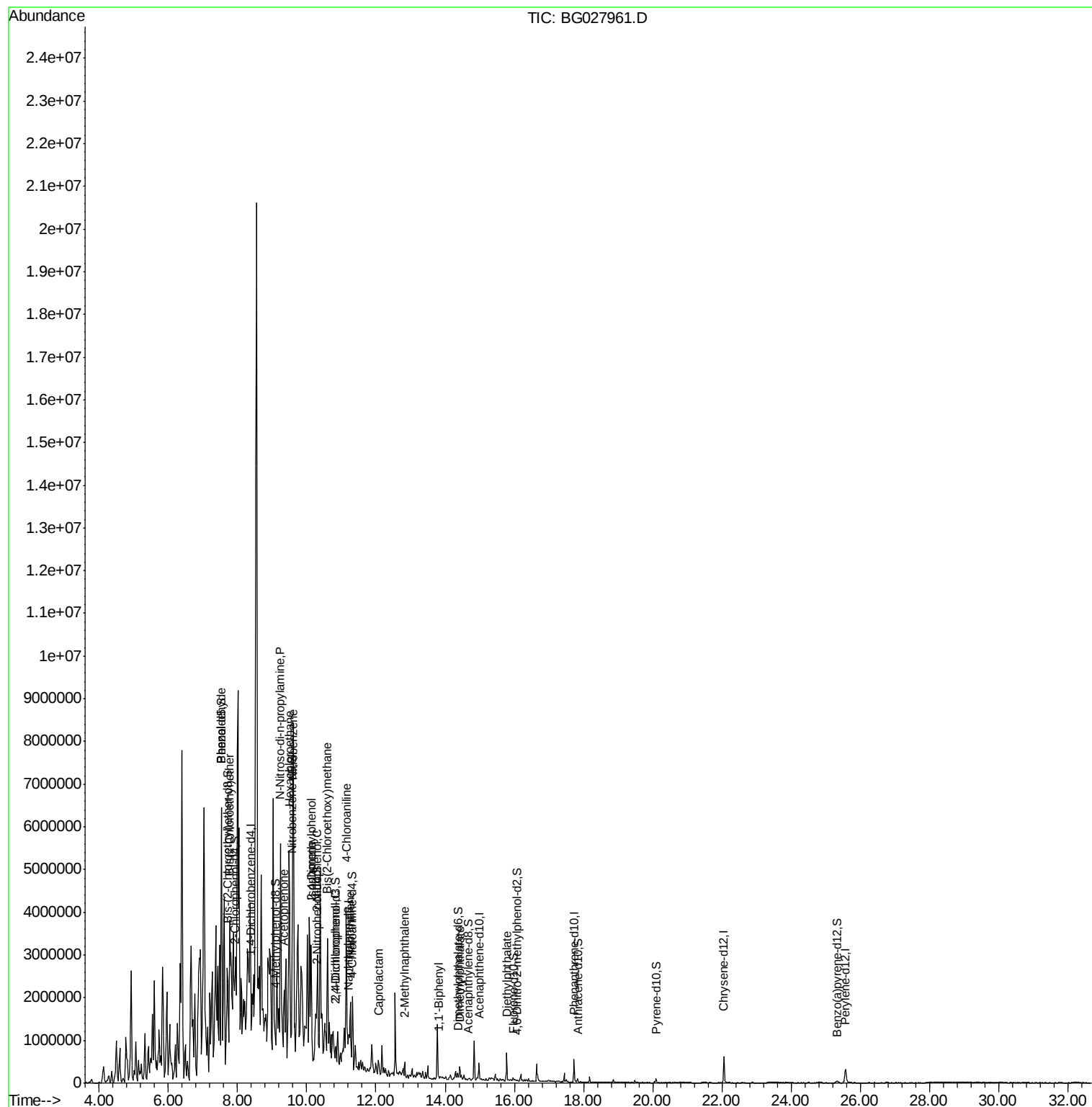
Target Compounds

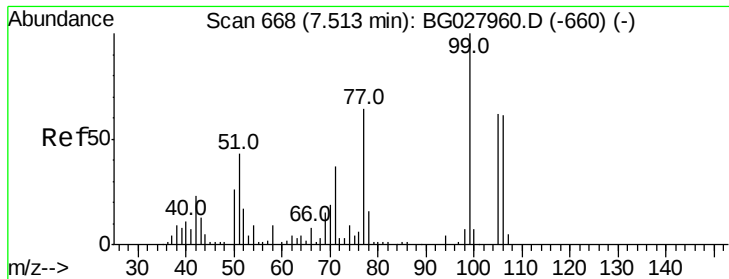
					Ovalue	
4) Benzaldehyde	7.54	77	105504	31.861	ng/ul#	1
6) Phenol	7.54	94	10470	2.021	ng/ul#	1
8) Bis(2-Chloroethyl)ether	7.77	93	22397	5.997	ng/ul#	1
14) Acetophenone	9.34	105	113244	18.174	ng/ul	91
15) N-Nitroso-di-n-propylamine	9.25	70	49694	15.555	ng/ul#	65
17) Hexachloroethane	9.50	117	313836	199.828	ng/ul#	1
20) Nitrobenzene	9.59	77	88499	21.740	ng/ul#	44
21) Isophorone	10.13	82	222553	30.016	ng/ul#	1
23) 2-Nitrophenol	10.30	139	9312	4.567	ng/ul#	1
24) 2,4-Dimethylphenol	10.13	107	5643	1.323	ng/ul	97
25) Bis(2-Chloroethoxy)methane	10.60	93	18899	4.249	ng/ul#	1
27) 2,4-Dichlorophenol	10.84	162	13381	3.334	ng/ul#	48
28) Naphthalene	11.26	128	731205	64.477	ng/ul	97
30) 4-Chloroaniline	11.14	127	35824	10.331	ng/ul	94
32) Caprolactam	12.07	113	4403	3.687	ng/ul#	1
34) 2-Methylnaphthalene	12.83	142	183280	19.987	ng/ul	89
40) 1,1'-Biphenyl	13.82	154	15626	1.407	ng/ul#	94
44) Dimethylphthalate	14.42	163	14312	1.247	ng/ul#	91
56) Diethylphthalate	15.77	149	22948	1.918	ng/ul	95

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

Instrument :
BNA_G
ClientSampleId :
BC2Y8DL

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Quant Title : SVOA CALIBRATION
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Response via : Initial Calibration





#4

Benzaldehyde

Concen: 31.861 ng/ul

RT: 7.54 min Scan# 672

Delta R.T. 0.02 min

Lab File: BG027961.D

Acq: 19 Jul 2017 10:28

Instrument :

BNA_G

ClientSampleID :

BC2Y8DL

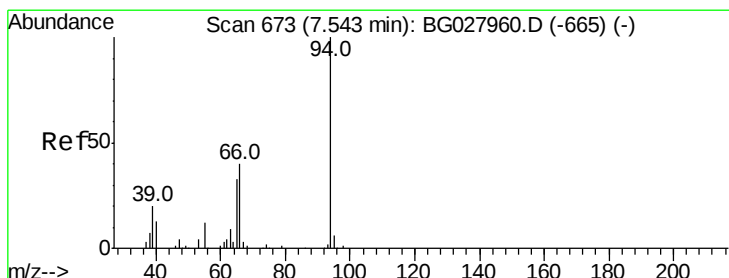
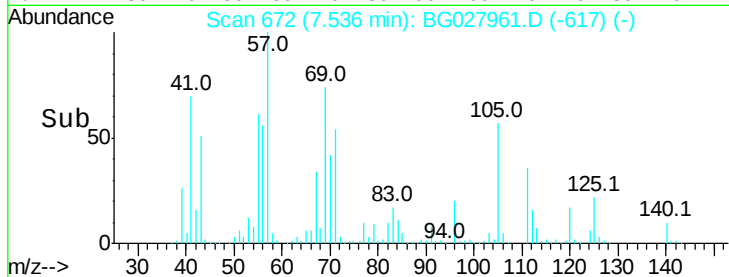
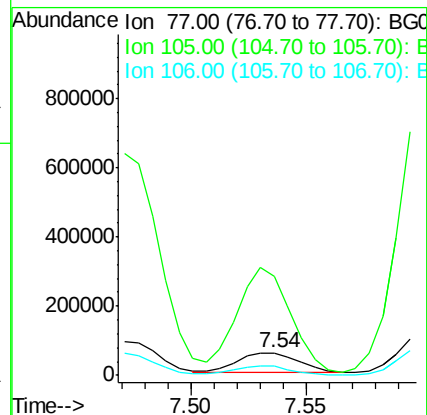
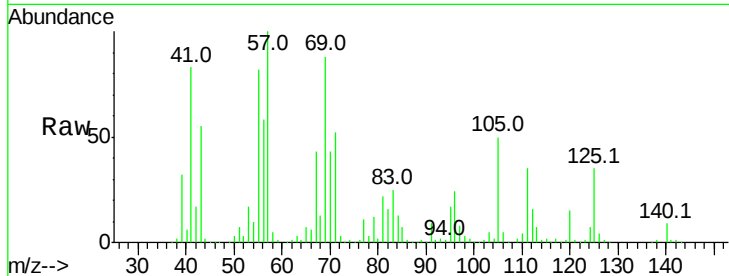
Tot Ion: 77 Resp: 105504

Ion Ratio Lower Upper

77 100

105 440.0 62.0 93.0#

106 40.7 60.2 90.4#



#6

Phenol

Concen: 2.021 ng/ul

RT: 7.54 min Scan# 673

Delta R.T. -0.00 min

Lab File: BG027961.D

Acq: 19 Jul 2017 10:28

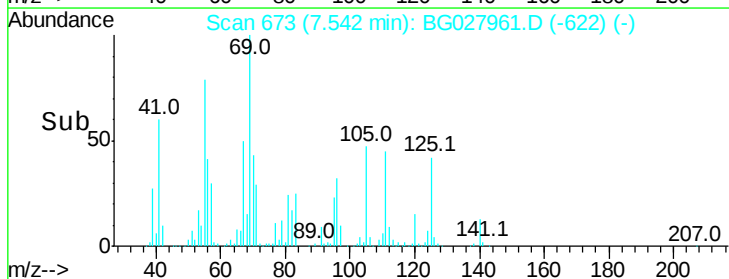
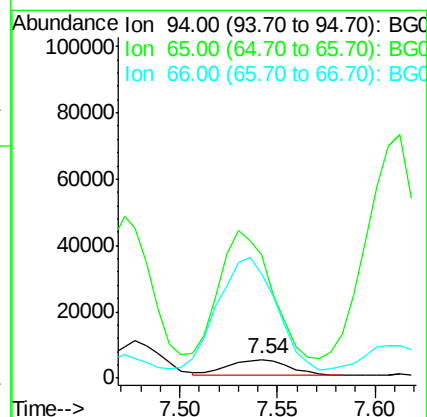
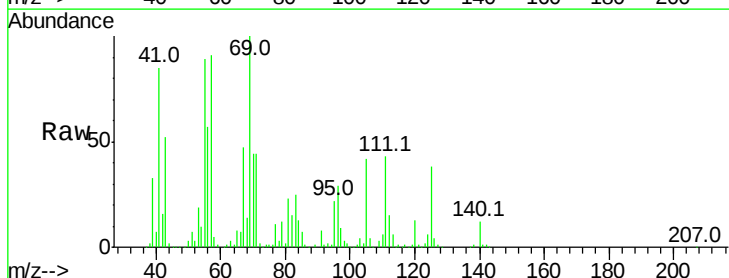
Tgt Ion: 94 Resp: 10470

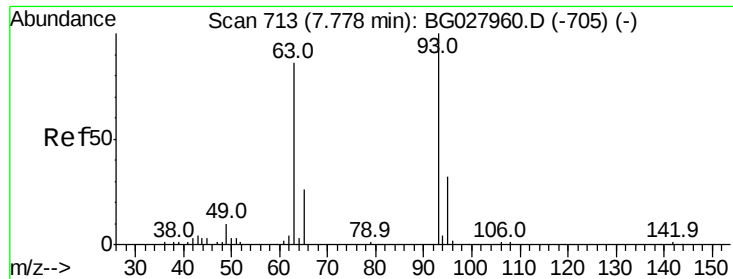
Ion Ratio Lower Upper

94 100

65 669.4 26.8 40.2#

66 563.4 44.4 66.6#



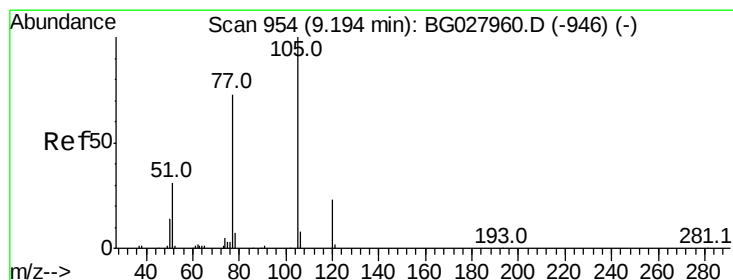
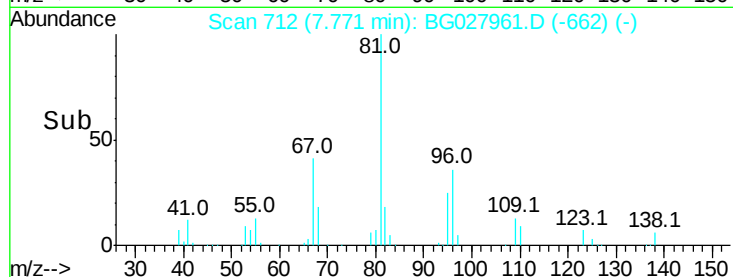
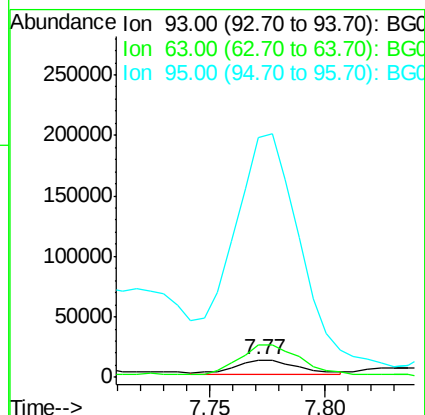
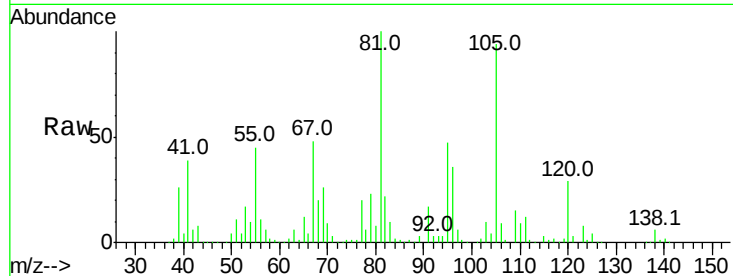


#8

Bis(2-Chloroethyl)ether
 Concen: 5.997 ng/ul
 RT: 7.77 min Scan# 712
 Delta R.T. -0.01 min
 Lab File: BG027961.D
 Acq: 19 Jul 2017 10:28

Instrument :
 BNA_G
 ClientSampleId :
 BC2Y8DL

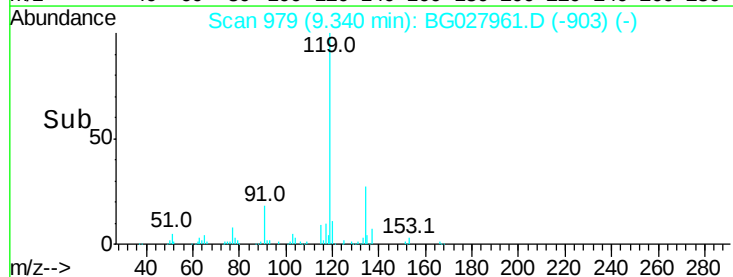
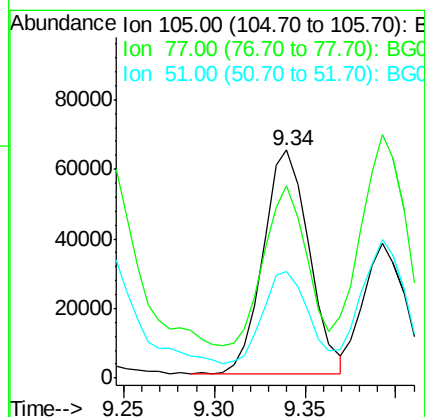
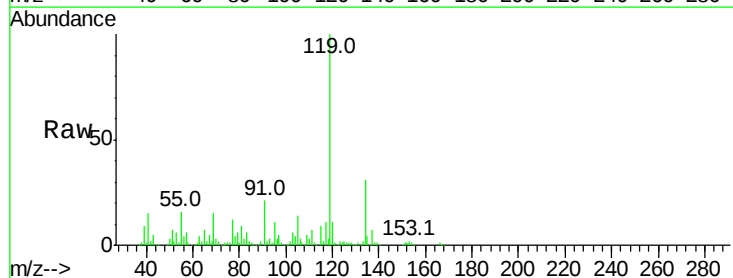
Tot Ion: 93 Resp: 22397
 Ion Ratio Lower Upper
 93 100
 63 185.9 75.5 113.3#
 95 1395.1 29.2 43.8#

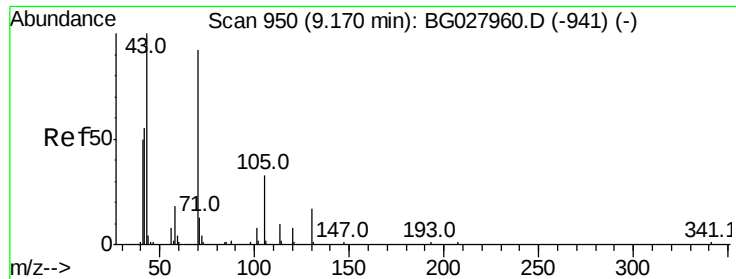


#14

Acetophenone
 Concen: 18.174 ng/ul
 RT: 9.34 min Scan# 979
 Delta R.T. 0.15 min
 Lab File: BG027961.D
 Acq: 19 Jul 2017 10:28

Tgt Ion:105 Resp: 113244
 Ion Ratio Lower Upper
 105 100
 77 84.5 76.0 114.0
 51 47.0 34.8 52.2





#15

N-Nitroso-di-n-propylamine

Concen: 15.555 ng/ul

RT: 9.25 min Scan# 963

Delta R.T. 0.08 min

Lab File: BG027961.D

Acq: 19 Jul 2017 10:28

Instrument :

BNA_G

ClientSampleId :

BC2Y8DL

Tot Ion: 70 Resp: 49694

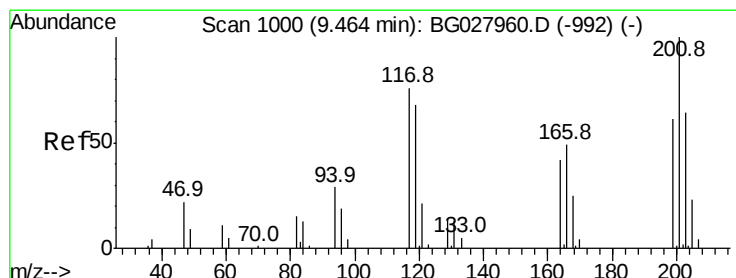
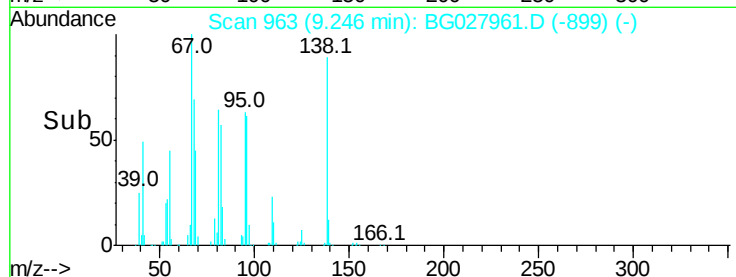
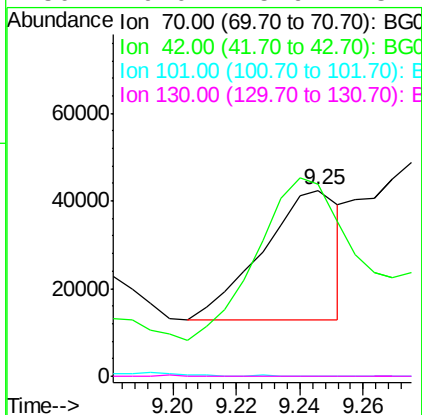
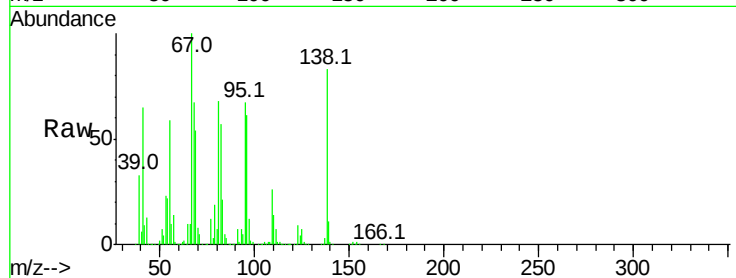
Ion Ratio Lower Upper

70 100

42 103.0 59.0 88.6#

101 0.0 6.6 9.8#

130 0.0 15.6 23.4#



#17

Hexachloroethane

Concen: 199.828 ng/ul

RT: 9.50 min Scan# 1006

Delta R.T. 0.03 min

Lab File: BG027961.D

Acq: 19 Jul 2017 10:28

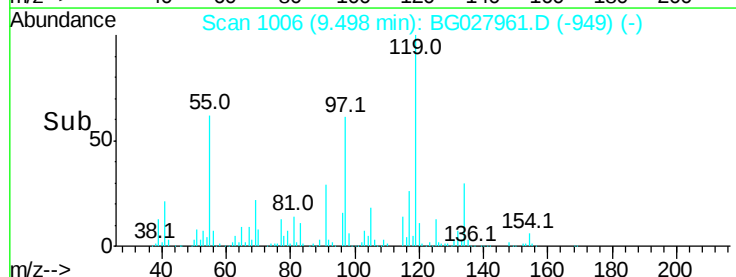
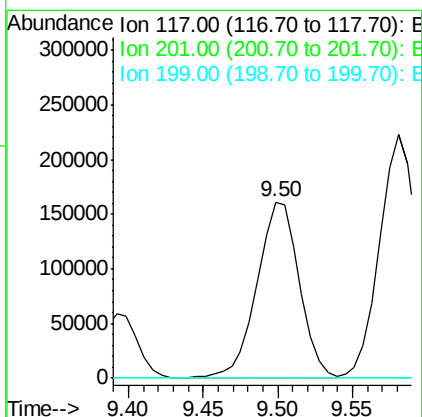
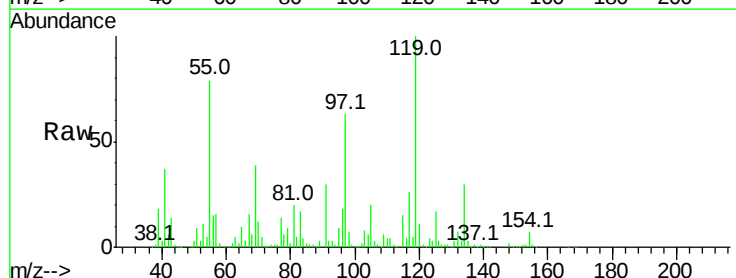
Tgt Ion: 117 Resp: 313836

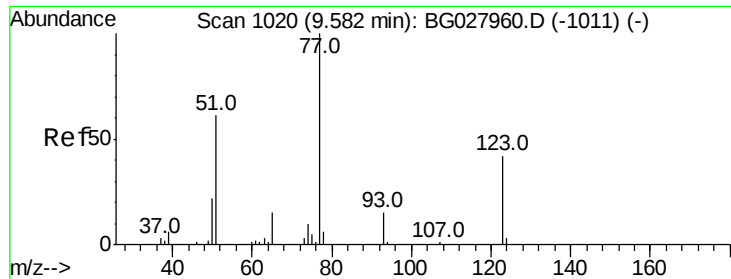
Ion Ratio Lower Upper

117 100

201 0.0 91.9 137.9#

199 0.0 64.3 96.5#

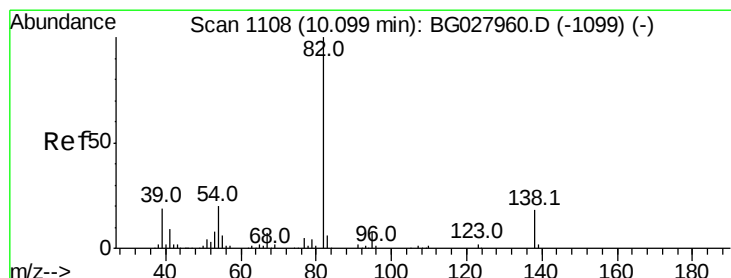
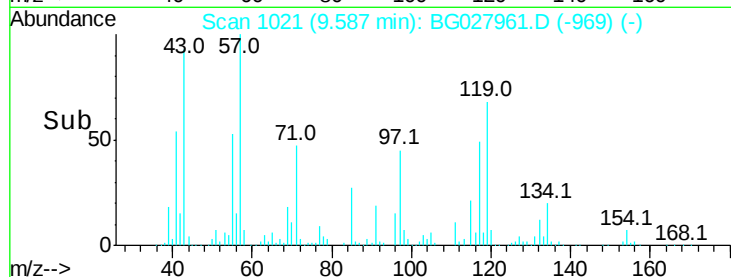
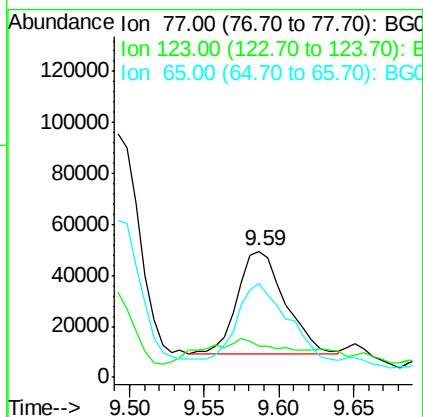
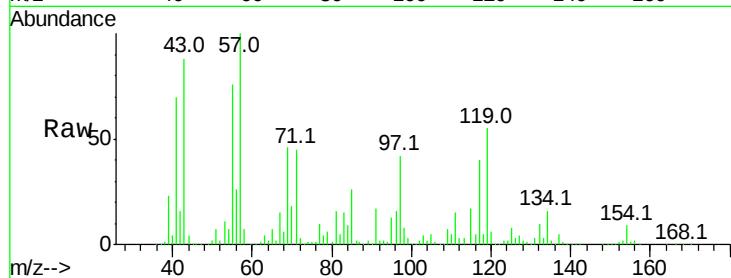




#20
Nitrobenzene
Concen: 21.740 ng/ul
RT: 9.59 min Scan# 1021
Delta R.T. 0.01 min
Lab File: BG027961.D
Acq: 19 Jul 2017 10:28

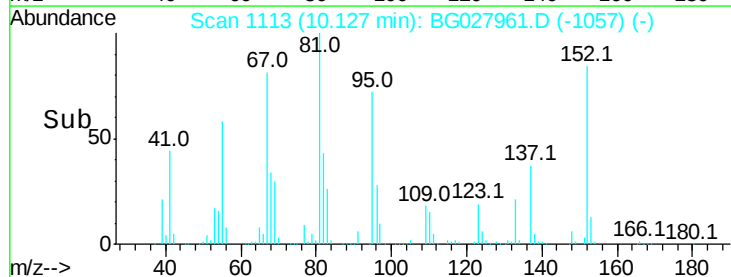
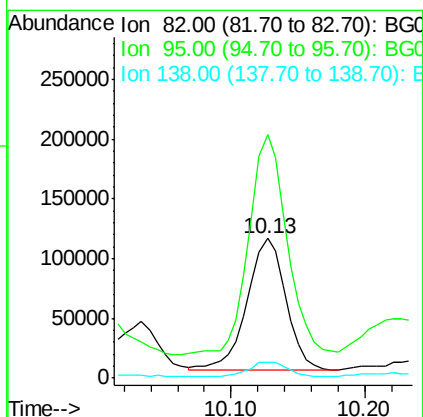
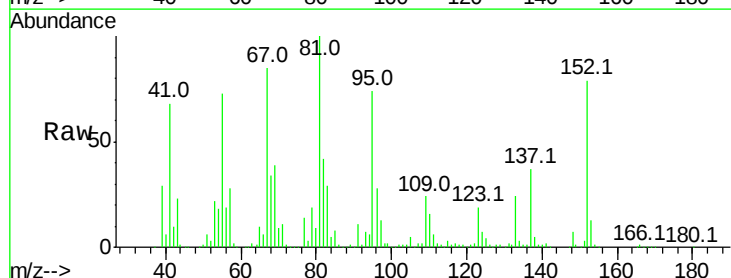
Instrument :
BNA_G
ClientSampleId :
BC2Y8DL

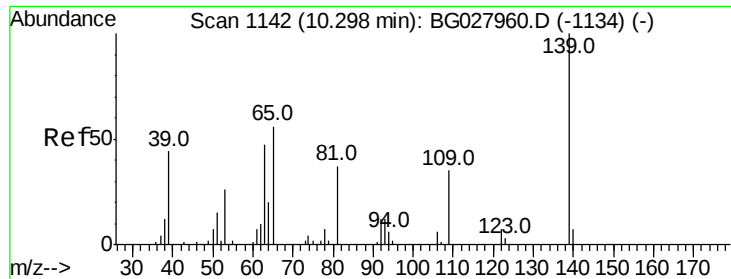
Tot Ion: 77 Resp: 88499
Ion Ratio Lower Upper
77 100
123 24.3 27.4 41.0#
65 74.4 13.3 19.9#



#21
Isophorone
Concen: 30.016 ng/ul
RT: 10.13 min Scan# 1113
Delta R.T. 0.03 min
Lab File: BG027961.D
Acq: 19 Jul 2017 10:28

Tgt Ion: 82 Resp: 222553
Ion Ratio Lower Upper
82 100
95 174.6 7.8 11.6#
138 11.2 12.2 18.2#





#23

2-Nitrophenol

Concen: 4.567 ng/ul

RT: 10.30 min Scan# 1143

Delta R.T. 0.01 min

Lab File: BG027961.D

Acq: 19 Jul 2017 10:28

Instrument :

BNA_G

ClientSampled :

BC2Y8DL

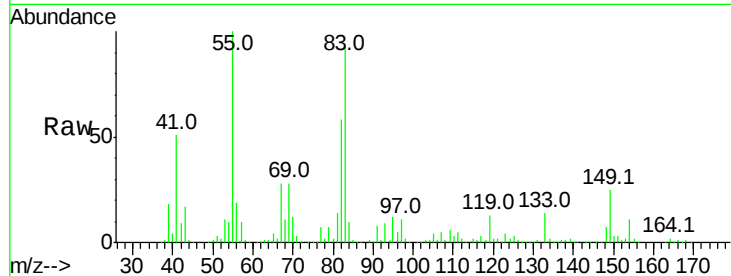
Tot Ion:139 Resp: 9312

Ion Ratio Lower Upper

139 100

65 255.7 67.0 100.6#

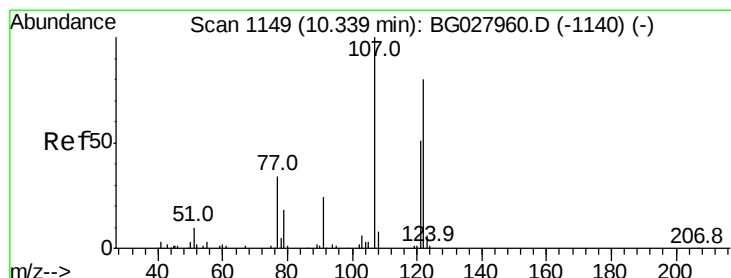
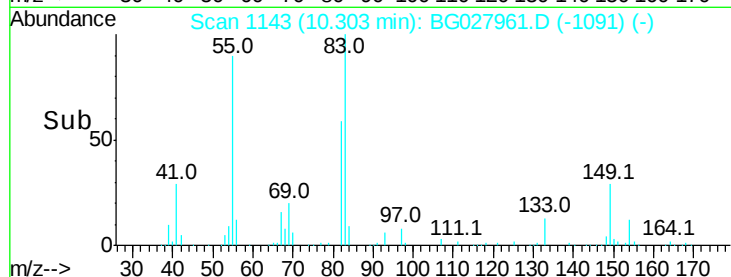
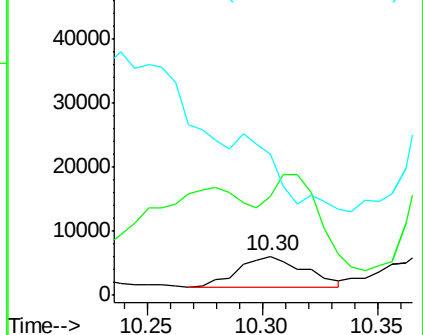
109 363.9 39.6 59.4#



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 65.00 (64.70 to 65.70): BG

Ion 109.00 (108.70 to 109.70): E



#24

2,4-Dimethylphenol

Concen: 1.323 ng/ul

RT: 10.13 min Scan# 1113

Delta R.T. -0.21 min

Lab File: BG027961.D

Acq: 19 Jul 2017 10:28

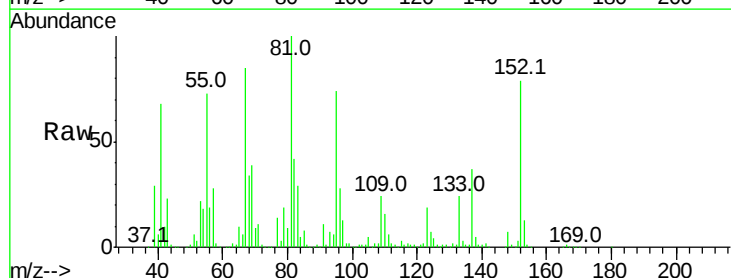
Tgt Ion:107 Resp: 5643

Ion Ratio Lower Upper

107 100

121 37.2 32.3 48.5

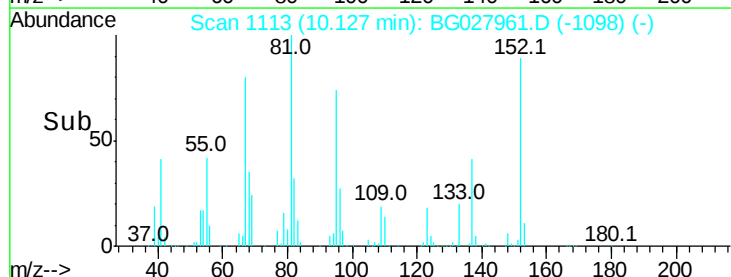
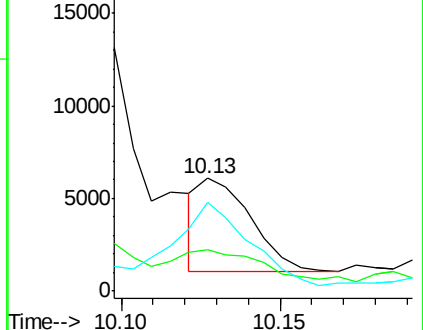
122 78.7 61.2 91.8

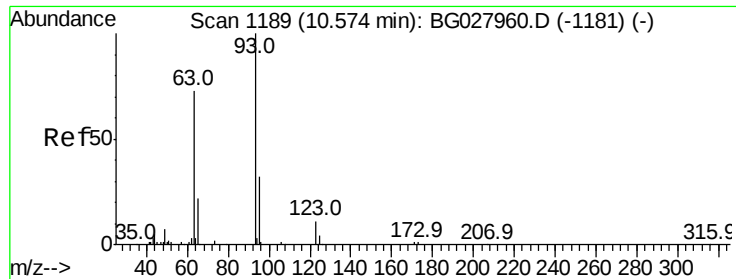


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E

Ion 122.00 (121.70 to 122.70): E

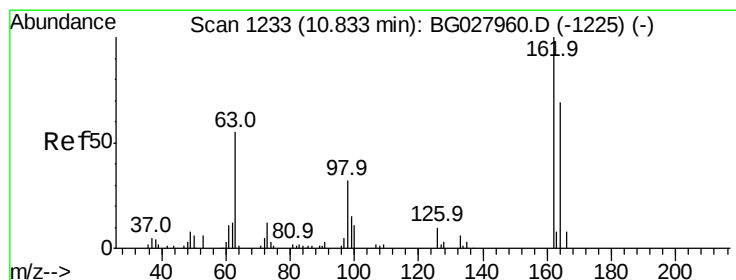
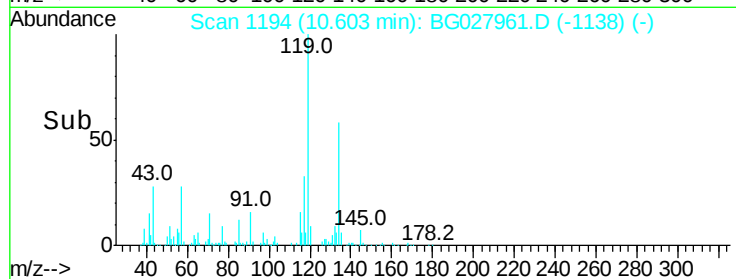
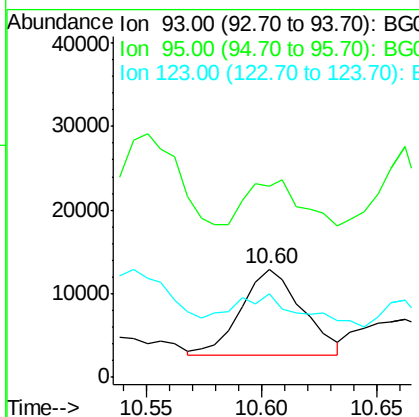
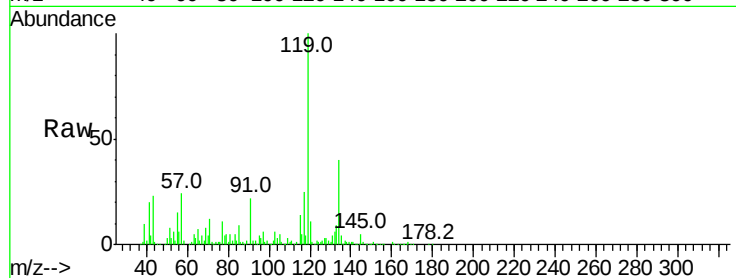




#25
 Bis(2-Chloroethoxy)methane
 Concen: 4.249 ng/ul
 RT: 10.60 min Scan# 1194
 Delta R.T. 0.03 min
 Lab File: BG027961.D
 Acq: 19 Jul 2017 10:28

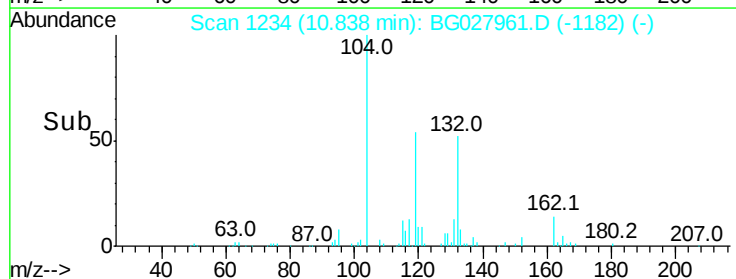
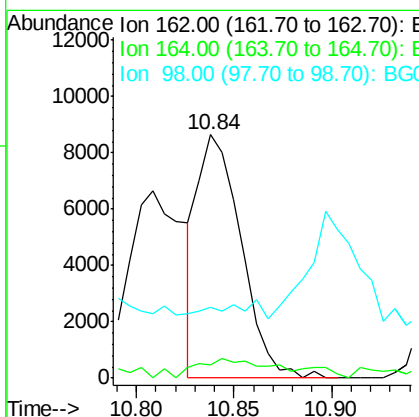
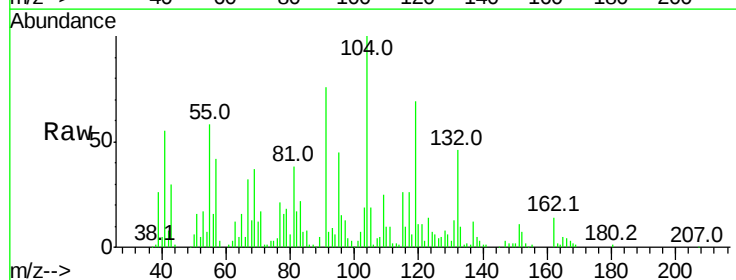
Instrument :
 BNA_G
 ClientSampleId :
 BC2Y8DL

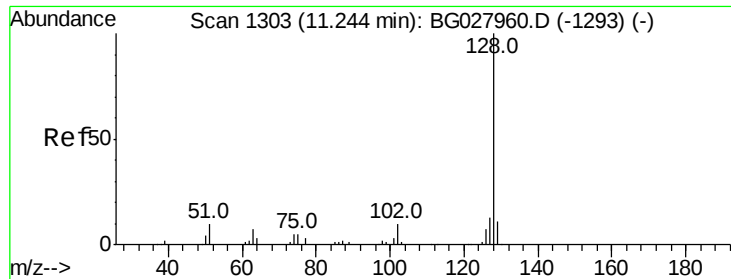
Tot Ion: 93 Resp: 18899
 Ion Ratio Lower Upper
 93 100
 95 177.4 23.4 35.0#
 123 76.8 7.8 11.6#



#27
 2,4-Dichlorophenol
 Concen: 3.334 ng/ul
 RT: 10.84 min Scan# 1234
 Delta R.T. 0.01 min
 Lab File: BG027961.D
 Acq: 19 Jul 2017 10:28

Tgt Ion:162 Resp: 13381
 Ion Ratio Lower Upper
 162 100
 164 5.6 50.8 76.2#
 98 29.3 32.1 48.1#





#28

Naphthalene

Concen: 64.477 ng/ul

RT: 11.26 min Scan# 1306

Delta R.T. 0.02 min

Lab File: BG027961.D

Acq: 19 Jul 2017 10:28

Instrument :

BNA_G

ClientSampleId :

BC2Y8DL

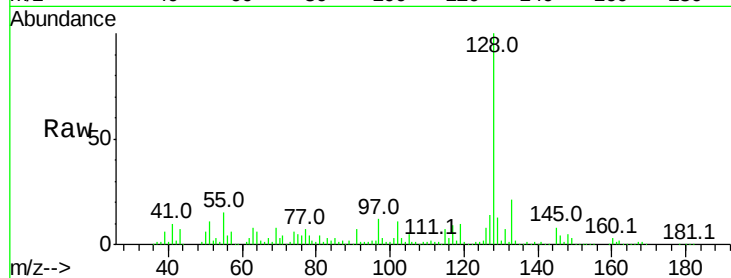
Tot Ion:128 Resp: 731205

Ion Ratio Lower Upper

128 100

129 13.2 9.4 14.2

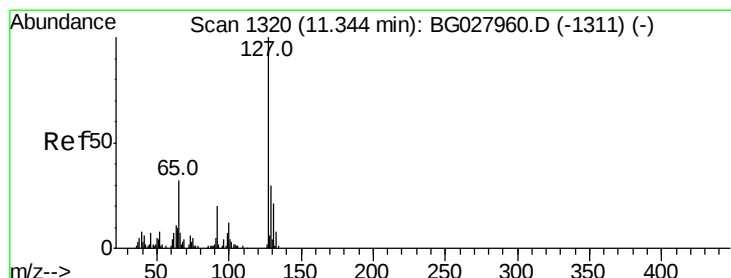
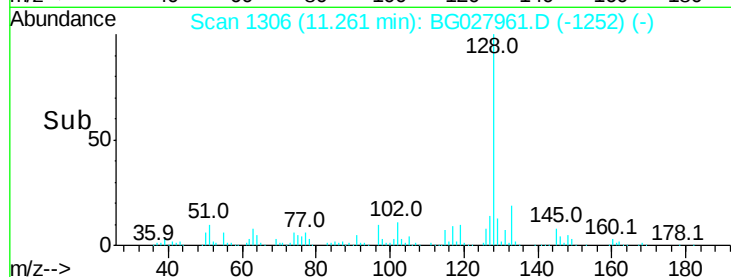
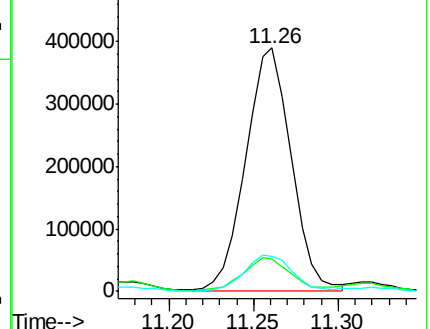
127 14.2 10.3 15.5



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#30

4-Chloroaniline

Concen: 10.331 ng/ul

RT: 11.14 min Scan# 1286

Delta R.T. -0.20 min

Lab File: BG027961.D

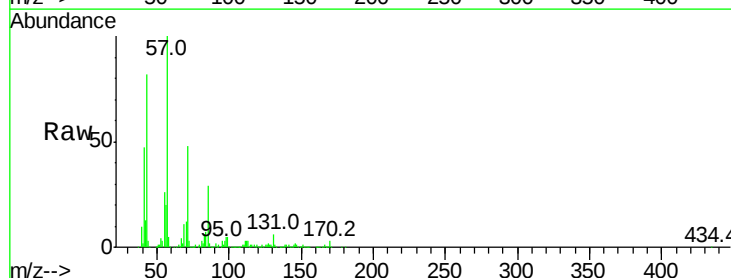
Acq: 19 Jul 2017 10:28

Tgt Ion:127 Resp: 35824

Ion Ratio Lower Upper

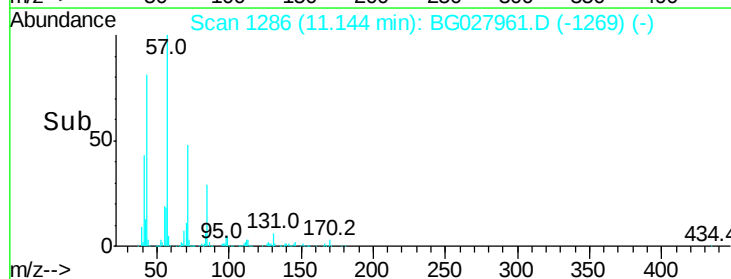
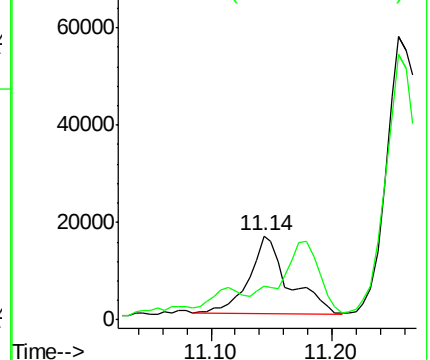
127 100

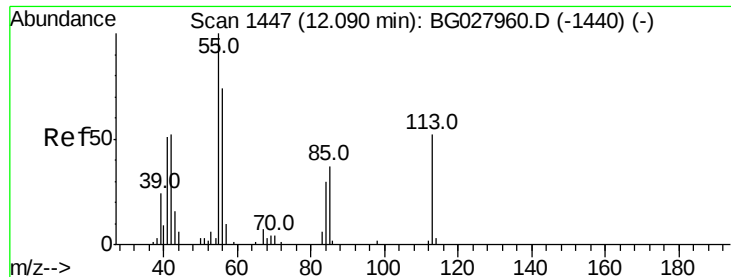
129 39.7 28.9 43.3



Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E





#32

Caprolactam

Concen: 3.687 ng/ul

RT: 12.07 min Scan# 1444

Delta R.T. -0.02 min

Lab File: BG027961.D

Acq: 19 Jul 2017 10:28

Instrument :

BNA_G

ClientSampleId :

BC2Y8DL

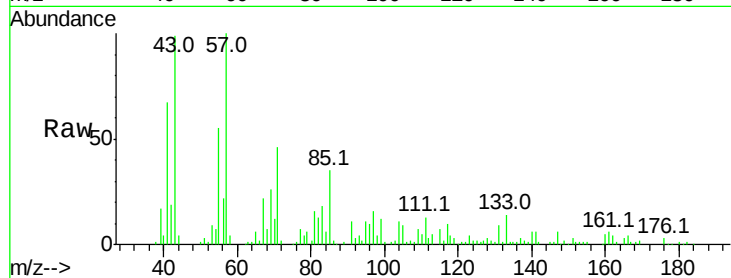
Tot Ion:113 Resp: 4403

Ion Ratio Lower Upper

113 100

55 1122.1 168.6 252.8#

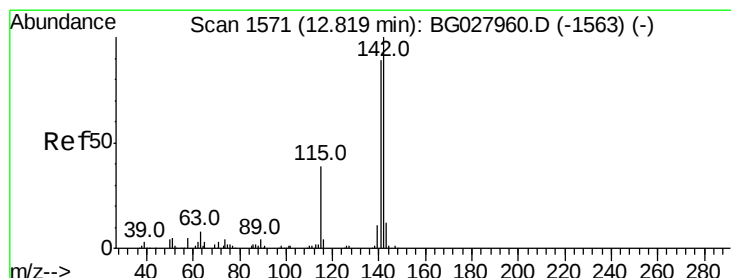
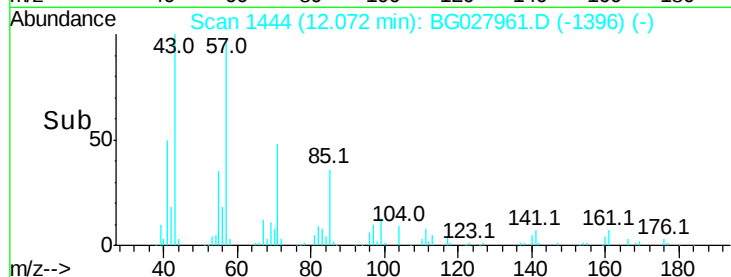
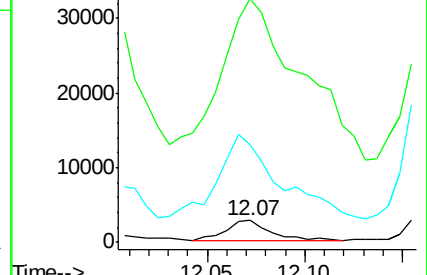
56 449.6 128.5 192.7#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG0

Ion 56.00 (55.70 to 56.70): BG0



#34

2-Methylnaphthalene

Concen: 19.987 ng/ul

RT: 12.83 min Scan# 1573

Delta R.T. 0.01 min

Lab File: BG027961.D

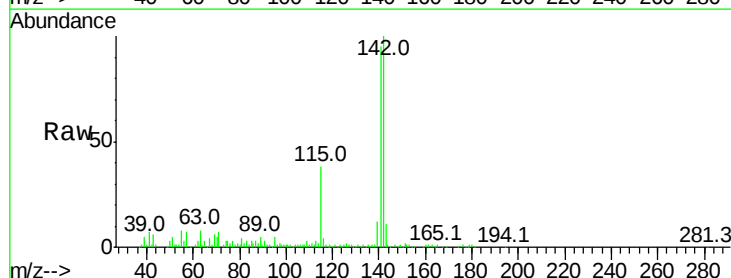
Acq: 19 Jul 2017 10:28

Tgt Ion:142 Resp: 183280

Ion Ratio Lower Upper

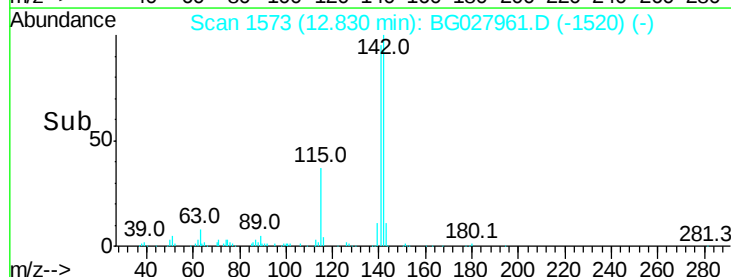
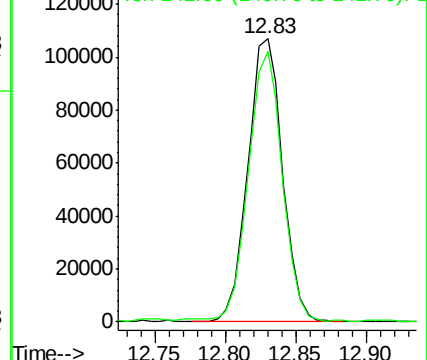
142 100

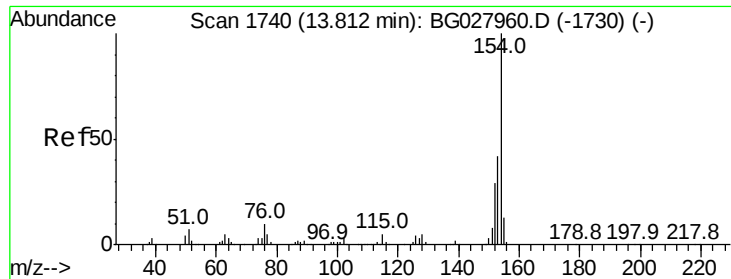
141 95.4 68.6 102.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

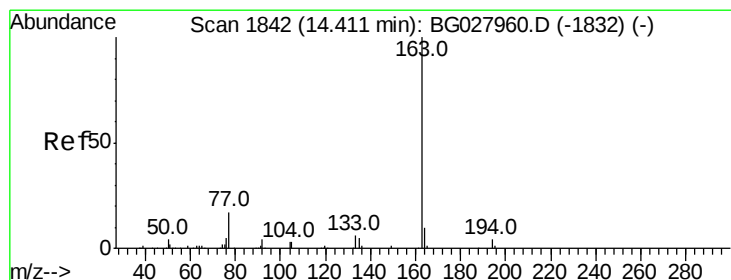
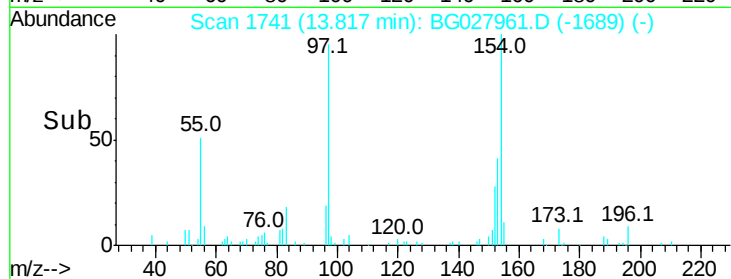
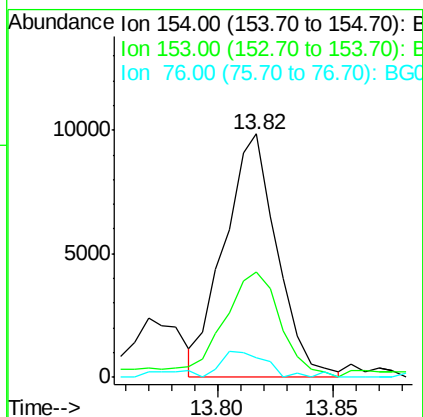
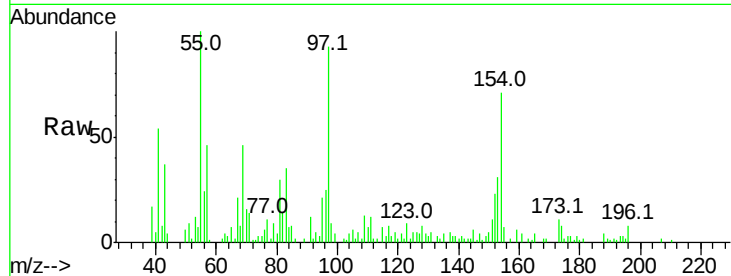




#40
 1,1'-Biphenyl
 Concen: 1.407 ng/ul
 RT: 13.82 min Scan# 1741
 Delta R.T. 0.01 min
 Lab File: BG027961.D
 Acq: 19 Jul 2017 10:28

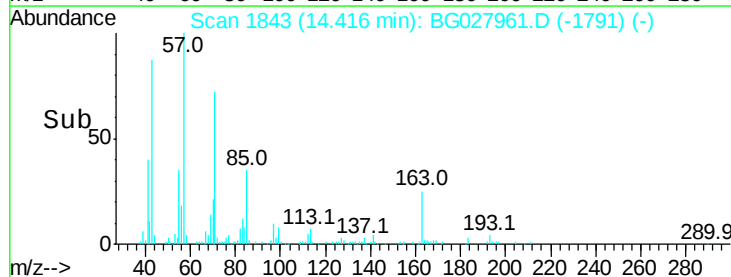
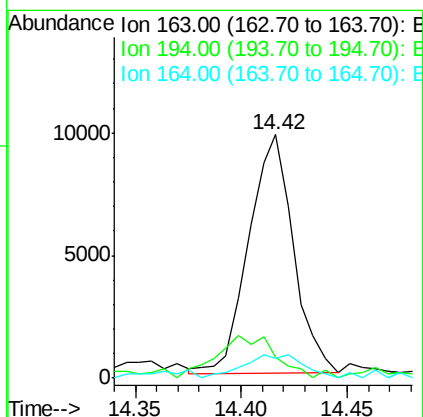
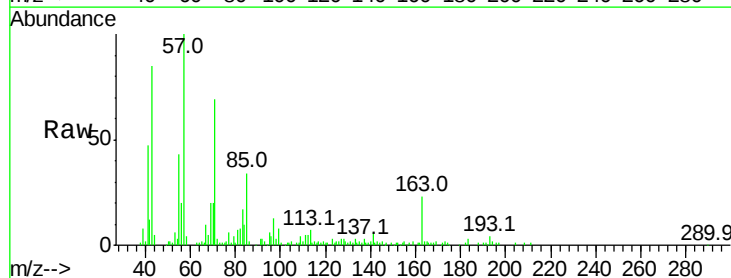
Instrument :
 BNA_G
 ClientSampleId :
 BC2Y8DL

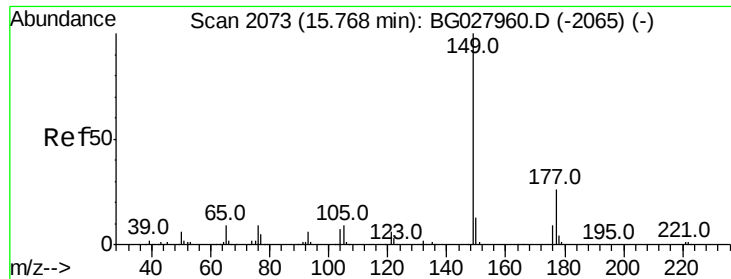
Tot Ion:154 Resp: 15626
 Ion Ratio Lower Upper
 154 100
 153 43.1 32.2 48.2
 76 7.8 9.6 14.4#



#44
 Dimethylphthalate
 Concen: 1.247 ng/ul
 RT: 14.42 min Scan# 1843
 Delta R.T. 0.01 min
 Lab File: BG027961.D
 Acq: 19 Jul 2017 10:28

Tgt Ion:163 Resp: 14312
 Ion Ratio Lower Upper
 163 100
 194 8.8 3.4 5.0#
 164 8.2 9.0 13.4#





#56
 Diethylphthalate
 Concen: 1.918 ng/ul
 RT: 15.77 min Scan# 2073
 Delta R.T. -0.00 min
 Lab File: BG027961.D
 Acq: 19 Jul 2017 10:28

Instrument :
 BNA_G
 ClientSampleId :
 BC2Y8DL

Tot Ion:	149	Resp:	22948
Ion	Ratio	Lower	Upper
149	100		
177	26.3	17.8	26.8
150	12.9	10.2	15.4

